

# KNOWLEDGE PARTNERSHIP PROGRAMME

## HUMAN DEVELOPMENT AND PUBLIC POLICY IN INDIA

Papers Presented at General Conference of International Union for  
Scientific Study of Population Busan, Korea

National Council for Applied Economic Research (NCAER)

Submitted to



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### **3. Papers Presented at General Conference of International Union for Scientific Study of Population Busan, Korea**

Includes:

- a. Programme for IUSSP Conference
- b. Alaka Basu and Sonalde Desai, "Middle Class Dreams: India's One Child Families." (Paper based on IHDS-I)
- c. Sonalde Desai and Reeve Vanneman, "Cash or Quality: Impact of Conditional Cash Transfer on Maternal Care in India," (Powerpoint based IHDS I and II)
- d. Debasis Barik, "Longevity and Shift in Morbidity Pattern among Indian States" (Poster based on NSS, SRS and Census Data)
- e. Debasis Barik "Living Arrangements and Health Care Seeking among Elderly in India"

Submitted By Sonalde Desai  
For Research project on

**HUMAN DEVELOPMENT AND PUBLIC POLICY IN INDIA**  
funded by the UK government as part of its Knowledge Partnership Programme (KPP)

The logo for the India Human Development Survey (IHDS), consisting of the letters 'IHDS' in white on a solid orange rectangular background.

**IHDS**

**International Union for the Scientific Study of Population (IUSSP)**  
*Union internationale pour l'étude scientifique de la population (UIESP)*

**XXVII International Population Conference**  
*XXVII<sup>e</sup> Congrès international de la population*

**PROGRAMME**

**Busan, Korea / Corée**  
**26-31 August 2013**

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## **Introduction**

At the kind invitation of the Korean Government, the XXVII IUSSP International Population Conference will be held at the BEXCO Conference Centre in Busan, Korea.

The IUSSP and the Korean National Organising Committee (NOC) expect up to 2,500 participants.

The Conference will open on Monday 26 August 2013 and conclude on Saturday 31 August 2013. The scientific programme includes 290 scientific sessions, 32 thematic poster sessions, four plenary and debate sessions, as well as training sessions, side meetings and exhibitions.

The General Assembly of IUSSP members will be held on Thursday, 29 August at 19:00 in the Grand Ballroom.

The Korean National Organising Committee (NOC) has organized an Asia-Pacific Day, which includes eight special invited sessions and a plenary, which will take place on 27 and 28 August. These special sessions will focus on unique demographic features of the region including population trends and changes in North Korea, socioeconomic development and population change in South Korea, lowest-low fertility, and the challenges of addressing rapid population ageing. There will also be several sessions that focus on recent information technology innovations, Smart Technology, and the impact these innovations will have on demographic issues such as population ageing, fertility, migration and health as well as their contribution to improving the collection and analysis of demographic data. The NOC plenary session on Wednesday 28 August will be followed by a banquet in the Exhibition Hall 1, 1st floor hosted by the Korean National Organising Committee to which all participants are cordially invited.

The International Organising Committee (IOC) and the NOC gratefully acknowledge the many people who volunteered their time and expertise to develop this Conference. The IOC is particularly grateful to the theme conveners and organizers of scientific sessions and to the hundreds of scholars worldwide who showed an interest in the Conference by submitting paper abstracts and preparing scientific papers and posters.

\*\*\*\*\*

## ***Introduction***

*A l'aimable invitation du gouvernement coréen, le XXVIIe Congrès international de la population se tiendra au Centre de conférences internationales BEXCO de Busan, en Corée du Sud.*

*L'UIESP et le Comité national d'organisation coréen(CNO) attendent jusqu'à 2 500 participants.*

*Le Congrès débutera le lundi 26 août 2013 et s'achèvera le samedi 31 août 2013. Le programme scientifique comprend 290 séances scientifiques, 32 séances de posters, quatre séances plénières et de débats, ainsi que des sessions de formation, des réunions parallèles et des stands d'exposition.*

*L'Assemblée générale des membres de l'UIESP se tiendra le jeudi 29 août à 19h dans la salle Grand Ballroom.*

*Le Comité national d'organisation coréen a organisé une Journée Asie-Pacifique, qui comprend huit séances spéciales invitées et une séance plénière qui se tiendront les 27 et 28 août. Ces séances spéciales porteront sur les particularités démographiques de la région, et notamment sur les tendances et les évolutions démographiques en Corée du Nord, le développement socio-économique et les changements démographiques en Corée du Sud, la très faible fécondité ainsi que les défis du vieillissement rapide de la population. Des séances seront également consacrées aux récentes innovations en matière de technologies de l'information et de la communication, et à l'impact de ces innovations sur les questions démographiques telles que le vieillissement de la population, la fécondité, les migrations et la santé, ainsi que leur contribution à l'amélioration de la collecte et de l'analyse des données démographiques. La séance plénière du CNO du mercredi 28 août sera suivie d'un banquet dans la salle Exhibition Hall 1, au 1er étage, organisé par le Comité national d'organisation coréen auquel tous les participants sont cordialement invités.*

*Le Comité international d'organisation (CIO) et le CNO remercient chaleureusement toutes les personnes qui ont bénévolement consacré leur temps et leur expertise pour réaliser ce congrès. Le CIO est particulièrement reconnaissant envers les responsables de thèmes, les organisateurs des séances scientifiques et les centaines de chercheurs qui, de par le monde, ont manifesté leur intérêt pour ce congrès en soumettant des résumés et en préparant des communications scientifiques et des posters.*

## **Message from the President of the International Organising Committee**

On behalf of the National Organising Committee, it is my great pleasure and honour to welcome all of you to the 27th IUSSP International Population Conference in Busan, Korea.

Busan, Korea's second largest city, is a place where tradition meets modernity in perfect harmony, encompassing picturesque shorelines, UNESCO World Heritage Sites and one of the world's largest shipbuilding yards in close proximity.

Mr. Peter McDonald, president of IUSSP, told the mayor of Busan that the number of those who submitted their papers for presentation at the Conference is greater than ever before. South Korean President Park Geun-hye and UN Secretary-General Ban Ki-moon have also paid particular attention to the Conference. To meet your expectations, we have made utmost efforts to prepare for the event.

We feel most privileged to be hosting this event as we are attaching an extra special meaning to it being held in our nation. Korea now stands at an important crossroads in its demographic transition. The population policy to once lower the birth rate in the past now needs to take a "U-turn" in the midst of a rapidly aging population with an extremely low birth rate in order to reverse the current trend and prevent significant population decline in the future.

I hope that the Conference will serve as an occasion to head for a better path towards demographic development by offering new models for the "future of the world and its population." I also hope that this conference, which gathers together participants from all over the world, will help you know Korea better.

Once again, I welcome all of you and I wish you a rewarding and memorable stay in Busan.



Park Un-tae,  
President  
The 27th IUSSP International Population Conference

## ***Message du président du Comité international d'organisation***

*De la part du Comité d'organisation, je vous souhaite la bienvenue au 27ème Congrès international de la population de l'UIESP.*

*Ville hôte et deuxième grande ville en Corée, Busan marie tradition et modernité dans une harmonie parfaite. Un littoral remarquable, des sites inscrits au patrimoine mondial de l'UNESCO ainsi qu'un des plus grands chantiers de construction navale du monde sont ses atouts majeurs.*

*M. Peter McDonald, président de l'UIESP, a déclaré au maire de Busan que le nombre de celles et ceux qui ont remis leur article pour la Conférence n'a jamais été aussi important. Mme Park Geun-hye, présidente de la République de Corée, et M. Ban Ki-moon, Secrétaire général des Nations unies, y ont également manifesté un intérêt particulier. Afin de répondre à vos attentes, nous n'avons ménagé aucun effort pour la préparation de cette manifestation.*

*Nous nous sentons particulièrement privilégiés d'accueillir cet événement car nous attachons une signification particulière à sa tenue dans notre pays. La Corée se trouve maintenant à une importante croisée des chemins en ce qui concerne sa transition démographique. La politique démographique, autrefois orientée pour faire baisser le taux de natalité, doit maintenant effectuer un virage à 180 degrés pour tenir compte d'une population rapidement vieillissante avec un taux de natalité extrêmement bas, dans l'objectif d'inverser la tendance actuelle et de prévenir un déclin significatif de la population dans le futur.*

*Je souhaite que la Conférence soit une occasion de converser d'un meilleur développement démographique, en proposant de nouveaux modèles pour l'« avenir du monde et celui de sa population ». Je souhaite également que la Conférence, qui rassemble des participants internationaux, vous incite à mieux connaître la Corée.*

*Encore une fois, je vous souhaite la bienvenue, et je vous souhaite un fructueux et mémorable séjour à Busan.*



*Park Un-tae*

*Président*

*Comité d'organisation du 27ème Congrès international de la population de l'UIESP*

# International Organising Committee (IOC) / *Comité international d'organisation (CIO)*

**IOC President / Président du CIO:** Park Un-tae (NOC President, Korea)

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\* Members of the IOC Steering Committee / *Membres du Comité de pilotage du CIO*

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Martin Bell	Sofia Gruskin	France Meslé	K.G. Santhya
Caroline Bledsoe	Sara Hertog	Diego Ramiro Fariñas	Alan B. Simmons

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**Thank you / Merci**

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- Association des démographes du Québec
- Association internationale des démographes de langue française (AIDELF), France
- Centre de Formation et de Recherche en matière de Population (CEFOP), Bénin
- Centre de Recherche en Démographie et Sociétés, Université catholique de Louvain, Belgique
- Centre de recherches Populations et Sociétés, Université Paris Ouest Nanterre - La Défense (CERPOS), France
- Centre inter facultaire de Gérontologie et d'Etudes des Vulnérabilités, Université de Genève, Suisse
- Centre Population et Développement (CEPED), France
- Comité Nationale Français de l'UIESP
- Conférence Universitaire de Démographie et d'Etude des Populations (CUDEP), France
- Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (ENSSEA), Côte d'Ivoire
- Institut de Démographie de l'Université de Strasbourg (IDUS), France
- Institut de Démographie de l'Université Paris 1 (IDUP), France
- Institut national d'études démographiques (Ined), France
- Institut Supérieur des Sciences de la Population (ISSP), Burkina Faso
- Laboratoire Population Environnement Développement, France
- Ministère des Relations internationales, de la Francophonie et du Commerce extérieur, Québec
- Observatoire démographique et statistique de l'espace francophone, Québec
- Réseau DEMOLBAK, démographie des Balkans, Grèce
- Société de Démographie historique, France
- Union Internationale pour l'Etude Scientifique de la Population (UIESP), France
- Unité de Recherche Démographique de Lomé, Togo
- Université de Montréal, Québec

## **Exhibitors / *Exposants***

Asian Population Association (APA)

Asociación Latinoamericana de Población (ALAP)

Cellule d'Appui à la Recherche et à l'Enseignement des  
Institutions Francophones d'Afrique (CARE-IFA)

China Data Center

China Population and Development Research Center(CPDRC)

College of Population Studies, Chulalongkorn University

DevInfo

ESRC Centre for Population Change, Universities of Southampton and St Andrews  
with a consortium of Scottish Universities

European Association for Population Studies, Gender and Generations Program, NIDI

Guttmacher Institute

Institut National d'Etudes Démographiques

International Institute for Population Sciences, Mumbai

International Union for the Scientific Study of Population (IUSSP)

MEASHRE DHS (Demographic and Health Surveys)

Minnesota Population Center, University of Minnesota

National Souvenir Center

One More Child (한 자녀 더 갖기 운동연합)

Planned Population Federation of Korea

Population Change and Lifecourse Strategic Knowledge Cluster

Population Council

RAND Corporation

Taylor & Francis

Springer

Statistics Korea (KOSTAT)

Stockholm University Demography Unit, SUDA

U.S. Census Bureau

UNICEF

Union for African Population Studies (UAPS)

United Nations Foundation

United Nations Population Fund (UNFPA)

University of Michigan

Wittgenstein Centre for Demography and Global Human Capital  
(IIASA, VID/ÖAW, WU)

# Side meetings / *Réunions parallèles*

**Monday 26 August / Lundi 26 août**

- 13:00 - 17:00 **Panel on Strengthening Demographic Training in Francophone Africa**  
Room 101, Organization: IUSSP  
Convention Held in French/*en français*  
Hall, 1st Floor Parfait Eloundou Enyegue (pme7@cornell.edu)  
By invitation only/ *Sur invitation seulement*
- 14:00 - 16:00 **ICPD Beyond 2014**  
Room 102, Organization: UNFPA  
Convention Held in English / *en anglais*  
Hall, 1st Floor Ralph Hakkert (hakkert@unfpa.org)  
Open access / *Accès libre*
- 15:30 - 17:00 **Introduction of PADIS-INT (A Web-based Population Projection Software) and Its Application**  
Room 103, Organization: China Population and Development Research Center  
Convention Held in English / *en anglais*  
Hall, 1st Floor Liu Hongyan (liuhycpdr@126.com)  
Open access / *Accès libre*
- 08:30 - 17:00 **Sociology of Population**  
Room 104, Organization: Research Committee 41 of the International Sociological  
Convention Association (ISA)  
Hall, 1st Floor Held in English / *en anglais*  
Dudley L. Poston (d-poston@tamu.edu)  
Open access / *Accès libre*
- 14:00 - 16:00 **Innovations in Population and Development Models**  
Room 105, Organization: Futures Group  
Convention Held in English & French/*en anglais et français*  
Hall, 1st Floor Scott Moreland (smoreland@futuresgroup.com)  
Open access / *Accès libre*
- 13:00 - 17:00 **In-service Training for Population Policy and Education Staff**  
Room 211-212 Organization: 27th IUSSP International Population Conference National  
Glass Hall, Organizing Committee & Planned Population Federation of Korea  
2nd Floor Held in Korean & English / *en coréen et en anglais*  
Tai-Hun Kim (thkim@knue.ac.kr)  
Open access / *Accès libre*
- 14:00 - 16:00 「부산서비스인구통계」 개발 결과 토론회 (**Meeting to Discuss Initial Results of Development of Busan Service Population Statistics**)  
Room 213, Organization: Evaluation Div., Busan Metropolitan City  
Glass Hall, Held in Korean / *en coréen*  
2nd Floor Do-June Lee (djlee5810@korea.kr)  
By invitation only/ *Sur invitation seulement*

## Tuesday 27 August/ *Mardi 27 août*

- 19:00 - 20:00  
Room 101,  
Convention  
Hall, 1st Floor
- Two European Panel Surveys: "The Survey of Health, Ageing and Retirement in Europe" (SHARE) and the "Panel Analysis of Intimate Relationships and Family Dynamics" (pairfam) - An Introduction**  
Organization: Institute for Empirical and Applied Sociology  
Held in English / *en anglais*  
Johannes Huinink (huinink@empas.uni-bremen.de)  
Open access / *Accès libre*
- 19:00 - 20:30  
Room 102,  
Convention  
Hall, 1st Floor
- Girls on the Move: Adolescent Girls and Migration in the Developing World**  
Organization: Population Council  
Held in English / *en anglais*  
Gina Duclayan (gduclayan@popcouncil.org)  
Open access / *Accès libre*
- 19:00 - 21:00  
Room 103,  
Convention  
Hall, 1st Floor
- Population Situation Analysis**  
Organization: UNFPA  
Held in English / *en anglais*  
Sabrina Juran (juran@unfpa.org)  
Open access / *Accès libre*
- 19:00 - 21:00  
Room 104,  
Convention  
Hall, 1st Floor
- International Toolkits and Resources of the U.S. Census Bureau**  
Organization: US Census Bureau  
Held in English / *en anglais*  
Mitali Sen (mitali.sen@census.gov)  
Open access / *Accès libre*
- 19:00 - 20:00  
Room 105,  
Convention  
Hall, 1st Floor
- The National Transfer Accounts Manual: Measuring the Generational Economy**  
Organization: United Nations Population Division and IUSSP Panel on Impacts of Population Ageing  
Held in English / *en anglais*  
Donna Culpepper (culpepper@un.org)  
Open access / *Accès libre*
- 19:00 - 20:00  
Room 106,  
Convention  
Hall, 1st Floor
- DemoMed: Mediterranean Demographic Observatory**  
Organization: Maison méditerranéenne des sciences de l'homme (MMSH)  
Held in French/ *en français*  
Elena Ambrosetti (elena.ambrosetti@uniroma1.it)  
Open access / *Accès libre*
- 19:00 - 20:30  
Room 107,  
Convention  
Hall, 1st Floor
- Communicating Research Effectively to non Academic Audiences to Impact Policy, Programs and Practice**  
Organization: Guttmacher Institute with the Planned Parenthood Association of America  
Held in English / *en anglais*  
Jessica Malter (jmalter@guttmacher.org)  
Open access / *Accès libre*

- 19:00 - 21:00 **Présentation de l'Aidelf, du colloque de 2014**  
 Room 108, Organization: Association internationale des démographes de langue  
 Convention française  
 Hall, 1st Floor Held in French/ *en français*  
 Pennec Sophie (pennec@ined.fr)  
 Open access / *Accès libre*
- 19:00 – 20:30 **Population Studies Drinks Reception**  
 Room 109, Organization: Taylor & Francis / Routledge  
 Convention Held in English / *en anglais*  
 Hall, 1st Floor Shu Ying, Toh (Toh.ShuYing@tandf.com.sg)  
 Open access / *Accès libre*
- 19:00 - 21:00 **인구문제와 국제개발협력(Population Issue and ODA)**  
 Room 110, Organization: Planned Population Federation of Korea  
 Convention Held in English / *en anglais*  
 Hall, 1st Floor Young Ok Youn (ppfkppfk@chol.com)  
 Open access / *Accès libre*
- 19:00 - 21:00 **Mortality Levels and Trends: A Preview of the Global Burden of  
 Disease 2013 Study**  
 Room 201, Organization: Institute for Health Metrics and  
 Convention Evaluation, University of Washington  
 Hall, 2nd Floor Held in English / *en anglais*  
 Christopher J.L. Murray / Alan Lopez  
 (cjl@uw.edu / alan.lopez@unimelb.edu.au)  
 Open access / *Accès libre*
- 19:00 - 21:00 **Migration between Africa and Europe: Accessing and Using the MAFE  
 data**  
 Room 202, Organization: INED (Institut National d'Etudes Démographiques)  
 Convention Held in English / *en anglais*  
 Hall, 2nd Floor Cris Beauchemin (cris.beauchemin@ined.fr)  
 Floor Open access / *Accès libre*
- 19:00 - 20:00 **Global Religious Demography: New Population Estimates and  
 Demographic Measures**  
 Room 203, Organization: International Institute for Applied Systems Analysis  
 Convention (IIASA)/Pew Forum on Religion & Public Life  
 Hall, 2nd Floor Held in English / *en anglais*  
 Floor Vegard Skirbekk (skirbekk@iiasa.ac.at)  
 Open access / *Accès libre*
- 20:00 - 21:00 **Organization of the 2014 ALAP Conference**  
 Room 213, Organization: Latin American Association for Population Studies - ALAP  
 Glass Hall, Laura L. Rodriguez Wong (lwong@cedeplar.ufmg.br)  
 2nd Floor

## Wednesday 28 August/ Mercredi 28 août

07:00 - 08:00 **IPUMS-International & TerraPopulus: Two powerful databases available to researchers**  
Room 101,  
Convention Hall, 1st Floor  
Organization: Minnesota Population Center,  
University of Minnesota  
Held in English / *en anglais*  
Robert McCaa (rmccaa@umn.edu)  
Open access / *Accès libre*

## Friday 30 August/ Vendredi 30 août

19:00 - 21:00 **Migration Data in Developing Countries: Towards Standardized Surveys?**  
Room 101,  
Convention Hall, 1st Floor  
Organization: INED (Institut National d'Etudes Démographiques)  
Held in English / *en anglais*  
Cris Beauchemin (cris.beauchemin@ined.fr)  
Open access / *Accès libre*

19:00 - 21:00 **Training workshop for Households and Living Arrangement Projections: New Method, Software and Applications.**  
Room 102,  
Convention Hall, 1st Floor  
Organization: Center for Households and Consumption Forecasting, Digital China  
Held in English / *en anglais*  
Yi Zeng (zengyi68@gmail.com, david.wz.shi@gmail.com, wangzl8)  
Open access / *Accès libre*

19:00 - 21:00 **UAPS Members Meeting/Réunion des Membres de l'UEPA**  
Room 103,  
Convention Hall, 1st Floor  
Organization: Union for African Population Studies/Union pour l'Etude de la Population Africaine  
Held in English & French/ *en anglais et français*  
Jean Francois Kobiane (jfkobiane@issp.bf)  
Open access / *Accès libre*

# Chronological List of Sessions / *Liste chronologique des séances*

**Monday 26 August / Lundi 26 août**

**17:30 - 19:00**

- 1 Opening Ceremony / *Cérémonie d'ouverture*

**19:00 – Welcome Reception / Réception d'accueil**

**Tuesday 27 August / Mardi 27 août**

**8:30 - 10:00**

- 2 Access to and impact of HAART / *Accessibilité et impact des traitements antirétroviraux hautement actifs (HAART)*
- 3 Low fertility groups in developing countries / *Groupes à faible fécondité dans les pays en développement*
- 4 Transitions in the spousal selection process / *Transitions dans le processus de sélection du conjoint*
- 5 Migrant aspirations and strategies / *Aspirations et stratégies des migrants*
- 6 Internal migration and urbanization: special applications / *Migrations internes et urbanisation : études de cas*
- 7 Population ageing and intergenerational transfers: challenges for social welfare policies / *Vieillesse de la population et transferts intergénérationnels : défis pour les politiques sociales*
- 8 Population and development / *Population et développement*
- 9 Promoting sexual and reproductive health among adolescents: What works? / *Promouvoir la santé sexuelle et reproductive chez les adolescents : qu'est-ce qui fonctionne ?*
- 10 Depopulation at the subnational level: causes and implications / *La dépopulation à l'échelle infranationale : causes et conséquences*
- 11 Methods in adult health and mortality / *Les méthodes sur la mortalité et la santé adulte*
- 12 Infertility: addressing its causes and providing treatment / *Infécondité : s'atteler aux causes et fournir des traitements*
- 13 Sexuality and reproductive health / *Sexualité et santé de la reproduction*
- 14 Multiple faces of the health transition / *Les multiples facettes de la transition sanitaire*
- 15 Political demography of the Asia-Pacific region / *Démographie politique de la région Asie-Pacifique*
- 16 Marital status and mortality / *Statut matrimonial et mortalité*

**10:00-10:30 – Coffee Break / Pause café**

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

- 17 Reducing the vulnerability of adolescents and young people to HIV and STIs / *Réduire la vulnérabilité des adolescents et des jeunes à l'infection par le VIH et les MST*
- 18 Any prospects of fertility recovery in low-fertility societies? / *Quelles perspectives de reprise de la fécondité dans les sociétés à faible fécondité ?*
- 19 Trends in the rates of mixed marriages / *Tendances des taux de mariages mixtes*
- 20 Global migration trends and determinants / *Tendances et déterminants des migrations internationales*
- 21 Internal migration and family dynamics / *Migrations internes et dynamiques familiales*
- 22 Labour force participation and productivity at older ages / *Participation au marché du travail et productivité des travailleurs âgés*
- 23 Population and poverty / *Population et pauvreté*
- 24 Raising young people's awareness of sexual and reproductive health matters: Opportunities and challenges / *La sensibilisation des jeunes aux questions de santé sexuelle et reproductive : opportunités et défis*
- 25 Population dynamics and climate change / *Dynamique démographique et changement climatique*
- 26 Formal demography, innovative methodologies, and their applications / *Méthodes démographiques, méthodologies innovantes et applications*
- 27 Factors associated with maternal health seeking and utilization / *Facteurs associés à la demande et à l'utilisation des services de santé maternelle*
- 28 Repositioning family planning / *Repositionner la planification familiale*
- 29 Nutrition disorders, health and mortality / *Troubles de la nutrition, santé et mortalité*
- 30 Trends of demographic changes and prospects in North Korea / *Tendances démographiques et perspectives en Corée du Nord*
- 31 Life-course influences on health and mortality / *Influences du parcours de vie sur la santé et la mortalité*

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

- 32 Poster session on Fertility (1) / *Séance poster : Fécondité (1)*
- 33 Poster session on Sexuality and reproductive health (1) / *Séance poster : Sexualité et santé de la reproduction (1)*
- 34 Poster session on Internal migration and urbanization (1) / *Séance poster : Migrations internes et urbanisation (1)*
- 35 Poster session on Population and human rights / *Séance poster : Population et droits de l'homme*
- 36 Poster session on Marriage and union formation, families and households (1) / *Séance poster : Mariage et formation des unions, familles et ménages (1)*
- 37 Poster session on Population ageing and intergenerational relations (1) / *Séance poster : Vieillesse démographique et relations intergénérationnelles (1)*
- 38 Poster session on Society and culture / *Séance poster : Société et culture*

- 39 Poster session on Health, mortality and longevity (1) / *Séance poster : Santé, mortalité et longévité (1)*

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

- 41 Life-course methodology / *Méthodologie biographique*
- 42 Education and fertility / *Education et fécondité*
- 43 Crisis mortality: documenting the effects of conflict, famines and natural disasters / *Mortalité de crise : comment étudier les effets des conflits, des famines et des catastrophes naturelles*
- 44 Understanding the global rise in cohabitation / *Comprendre l'augmentation généralisée de la cohabitation*
- 45 New perspectives on migration determinants / *Nouvelles approches sur les déterminants de la migration*
- 46 Indirect methods of mortality and fertility estimation: new techniques for new realities / *Méthodes indirectes d'estimation de la mortalité et de la fécondité : de nouvelles techniques pour de nouvelles réalités*
- 47 National transfer accounts and what they reveal about patterns of intergenerational transfers / *Les Comptes de transfert nationaux nous renseignent-ils sur les formes de transferts intergénérationnels ?*
- 48 Policy implications of the multidimensional nature of poverty / *Les implications politiques de la nature multidimensionnelle de la pauvreté*
- 49 The determinants of health behaviours among adolescents / *Déterminants des comportements de santé chez les adolescents*
- 50 Gender and population: policy and policy outcomes / *Genre et population : les politiques publiques et leurs résultats*
- 51 Evaluation of maternal & child health policies, programmes and services / *L'évaluation des politiques, des programmes et des services de santé maternelle et infantile*
- 52 Evaluation of family planning and reproductive health programmes / *Evaluation des programmes de planification familiale et de santé de la reproduction*
- 53 Age patterns of adult mortality in relation to causes of death and increasing longevity / *Profil par âge de la mortalité adulte en lien avec les causes de décès et l'augmentation de la longévité*
- 54 Policy response to the lowest-low fertility in the Asia-Pacific region / *Réponse politique à la très faible fécondité dans la région Asie-Pacifique*
- 55 The Madrid International Plan of Action on Ageing: Where are we ten years later? / *Le Plan d'action international de Madrid sur le vieillissement : Où en sommes-nous dix ans après ?*

**15:00-15:30 – Coffee Break / Pause café**

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

- 56 Assessing HIV risk in hard-to-reach populations / *L'évaluation du risque VIH auprès de populations difficiles à atteindre*
- 57 Economic and cultural factors influencing fertility preferences / *Les facteurs économiques et culturels qui influencent les préférences de fécondité*

- 58 Demographic effects of famines / *Les effets démographiques des famines*
- 59 The meaning of cohabitation / *La signification de la cohabitation*
- 60 The effects of migration on areas of destination / *L'impact des migrations sur les pays de destination*
- 61 Advances in life table analysis / *Avancées dans l'analyse des tables de survie*
- 62 Intergenerational transfers over time and space / *Les transferts intergénérationnels dans le temps et dans l'espace*
- 63 The relevance of population for the achievement of the Millennium Development Goals / *La pertinence de la variable population pour la réalisation des Objectifs du Millénaire pour le développement*
- 64 Adolescent health, risk behaviours, and mortality / *Santé, comportements à risque et mortalité des adolescents*
- 65 Education and labour force / *Education et emploi*
- 66 Maternal mortality: measurement and causes / *Mortalité maternelle : mesure et causes*
- 67 Evaluation of Family Planning/Reproductive Health policy / *L'évaluation des politiques de planification familiale et de santé de la reproduction*
- 68 Extended longevity. Observation and methods / *Grande longévité. Observation et méthodes*
- 69 Socioeconomic development and demographic change in South Korea / *Développement socio-économique et évolution démographique en Corée du Sud*
- 70 Distance-based training tools for population science / *Des outils de formation à distance pour les sciences de la population*

**Tuesday 27 August / Mardi 27 août**  
**17:30 - 19:00**

- 71 UNFPA Plenary: Population in the post-2015 Development Agenda / *Séance plénière de l'UNFPA : La population dans le programme de développement post-2015*

**Wednesday 28 August / Mercredi 28 août**  
**8:30 - 10:00**

- 72 Mortality decline in developing countries and its theoretical implications / *Baisse rapide de la mortalité dans les pays en développement et implications théoriques*
- 73 Disentangling individual, familial and contextual factors influencing fertility / *Démêler les facteurs individuels, familiaux et contextuels influençant la fécondité*
- 74 Same-sex unions and families / *Unions homosexuelles et familles*
- 75 Immigrant integration and settlement / *Etablissement et intégration des immigrants*
- 76 Internal migration and urbanization: insertion and selectivity / *Migrations internes et urbanisation: Insertion et sélectivité*
- 77 Population ageing and intergenerational relations / *Vieillesse démographique et relations intergénérationnelles*
- 78 The Demographic “Dividends”: challenges for the near future / *Les « dividendes démographiques » : des défis pour l'avenir proche*
- 79 Causes and consequences of the baby boom / *Causes et conséquences du baby-boom*
- 80 Adolescent and youth transitions: school and work / *Transitions des adolescents et des jeunes : école et emploi*

- 81 Meeting the MDGs in Africa: Progress and prospects for post 2015. Organized by the Union for African Population Studies (UAPS) / *La réalisation des OMD en Afrique : bilan et perspectives pour l'après 2015 - Organisé par l'Union pour l'Etude de la Population Africaine (UEPA)*
- 82 Contraceptive use dynamics in developing countries / *L'utilisation de la contraception dans les pays en développement*
- 83 Issues in integration of SRH services / *Les enjeux de l'intégration des services de santé sexuelle et reproductive*
- 84 Gender differences in health and mortality / *Différences de genre en santé et mortalité*
- 85 International migration of students and institutions of higher education in the Asia-Pacific region / *Migrations internationales des étudiants et institutions d'enseignement supérieur dans la région Asie-Pacifique*
- 86 New techniques for estimating migration / *Nouvelles techniques d'estimation des migrations*

**10:00-10:30 – Coffee Break / Pause café**

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

- 87 The impact of economic downturns on health and mortality / *Conséquences de la récession économique sur la santé et la mortalité*
- 88 Can the speed of fertility decline in sub-Saharan Africa be accelerated? / *Le déclin de la fécondité en Afrique sub-saharienne peut-il être accéléré ?*
- 89 The role of extended kin in shaping families / *Le rôle de la famille élargie dans la constitution des familles*
- 90 Immigrant families, networks, and 2nd generation / *Les familles immigrées, les réseaux et la 2ème génération*
- 91 Internal migration and urbanization: Overview / *Migrations internes et urbanisation : vue d'ensemble*
- 92 Women in ageing societies / *Les femmes dans les sociétés vieillissantes*
- 93 Demographic windows of opportunity and economic growth / *Fenêtres d'opportunité et croissance économique*
- 94 Indirect estimation of mortality assessment and improvement of methods / *Estimation indirecte de la mortalité : évaluation et amélioration des méthodes*
- 95 Early work experience and the future of youth in developing countries / *Précocité de la première expérience de travail et avenir des jeunes dans les pays en développement*
- 96 Family dynamics and educational outcomes for primary level / *Dynamiques familiales et réussite scolaire au niveau primaire*
- 97 Improving reproductive health services: Is integration with primary healthcare better than vertical programmes? / *Améliorer les services de santé de la reproduction : intégration aux soins de santé primaires ou programmes verticaux ?*
- 98 Critical support for improving access to reproductive health services / *Quelle sont les démarches essentielles pour améliorer l'accès aux services de santé reproductive ?*
- 99 Gender differences in child health and mortality / *Différences entre sexes en matière de santé et de mortalité infantile*

- 100 Longevity, family life and social class in the Asia-Pacific region / *Longévité, vie familiale et classe sociale dans la région Asie-Pacifique*
- 101 Spatial diffusion of demographic behaviour / *Diffusion spatiale des comportements démographiques*

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

- 102 Poster session on Population and development / *Séance poster : Population et développement*
- 103 Poster Session on Sexuality and reproductive health (2) / *Séance poster : Sexualité et santé de la reproduction (2)*
- 104 Poster Session on Internal migration and urbanization (2) / *Séance poster : Migrations internes et urbanisation (2)*
- 105 Poster session on Biodemography / *Séance poster : Biodémographie*
- 106 Poster session on International migration (1) / *Séance poster : Migrations internationales (1)*
- 107 Poster session on Population and policy challenges in East Asia / *Séance poster : Défis démographiques et politiques en Asie orientale*
- 108 Poster session on Historical demography / *Séance poster : Démographie historique*
- 109 Poster Session on Health, mortality and longevity (2) / *Séance poster : Santé, mortalité et longévité (2)*

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

- 110 Gender differences in life expectancy and mortality / *Différences entre sexes dans l'espérance de vie et la mortalité*
- 111 Childlessness: acceptability and consequences / *Une vie sans enfant : acceptabilité et conséquences*
- 112 Family relationships beyond the household / *Relations familiales au-delà du ménage*
- 113 Economic integration of immigrants / *L'intégration économique des immigrants*
- 114 Internal migration and urbanization: Are patterns changing? (1) / *Migrations internes et urbanisation : une évolution est-elle en cours? (1)*
- 115 Subjective health of older population / *État de santé subjectif des populations âgées*
- 116 Financing universal health care in developing countries / *Le financement de systèmes de soins de santé universelle dans les pays en développement*
- 117 Data quality in demographic surveys: tests and experiments / *Qualité des données des enquêtes démographiques : tests et approches expérimentales*
- 118 Public policies and programmes: How far do children benefit from these? / *Dans quelle mesure les enfants bénéficient-ils des programmes et des politiques publiques ?*
- 119 Anthropological demography / *Démographie anthropologique*
- 120 Demand for long acting family planning methods / *Demande contraceptive : les méthodes contraceptives à effet prolongé*
- 121 Couple fertility and contraceptive decision-making / *Fécondité des couples et processus de décision en matière contraceptive*
- 122 Trends and differentials in disability: challenges in measurement / *Tendances et différentiels en matière de handicap : comment les mesurer ?*

- 123 The effects of demographic changes on housing in the Asia-Pacific region / *Les effets des changements démographiques sur le logement dans la région Asie-Pacifique*
- 124 Neighbourhood effects and demographic outcomes / *Effets de voisinage et comportements démographiques*

**15:00-15:30 – Coffee Break / Pause café**

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

- 125 Health and mortality in Eastern Europe / *Santé et mortalité en Europe de l'Est*
- 126 Fertility and HIV / *Fécondité et VIH*
- 127 Work-family interface and gender equality / *Rapports travail-famille et inégalités de genre*
- 128 Integration of immigrants in different contexts / *Intégration des immigrants dans différents contextes*
- 129 Internal migration and urbanization: Are patterns changing? (2) / *Migrations internes et urbanisation : une évolution est-elle en cours? (2)?*
- 130 Socioeconomic status and health among older population / *Statut socioéconomique et santé dans la population âgée*
- 131 Pay-for-Performance and other mechanisms to achieve universal health care / *Les « dividendes démographiques » : des défis pour l'avenir proche*
- 132 Data quality in demographic surveys / *Qualité des données dans les enquêtes démographiques*
- 133 The effects of violence on adolescents and youth / *Les effets de la violence sur les adolescents et les jeunes*
- 134 Marriage and gender relations / *Mariage et relations de genre*
- 135 Fertility intentions over time / *Les intentions de fécondité au fil du temps*
- 136 Reproductive health expenditure and quality of service / *Dépenses de santé reproductive et qualité de service*
- 137 Disability measures for specific groups and domains / *Mesures du handicap pour des groupes et sur des domaines spécifiques*
- 138 Emergence of "Smart Technology" and its contributions for demographic processes in both advanced and developing countries / *Les technologies « Smart » et leur contribution aux processus démographique, dans les pays du nord et du sud.*
- 139 Macro and micro perspectives on education/fertility dynamics / *Approches macro et micro sur les dynamiques éducation/fécondité*

**Wednesday 28 August / Mercredi 28 août**

**17:30 - 19:00**

- 140 NOC Asia-Pacific Plenary: Economic development, information technology, and demographic processes / *Séance plénière du CNO sur la région Asie-Pacifique : Développement économique, technologies de l'information et processus démographiques*

**19:00 – Korean NOC banquet / Banquet du CNO coréen**

**Thursday 29 August / Jeudi 29 août**

**8:30 - 10:00**

- 141 Estimating needs for HIV services: current shortfalls and future forecasts / *Estimer les besoins des services VIH : insuffisances actuelles et prévisions pour l'avenir*
- 142 Low fertility: theories and empirical evidence / *Faible fécondité : théories et données empiriques*
- 143 Union dissolution and remarriage / *Ruptures d'unions et remariage*
- 144 Impact of migration on the well-being of left-behind children / *L'impact de l'émigration sur le bien-être des enfants laissés derrière*
- 145 Health and ageing in low, middle and high-income countries (1) / *Santé et vieillissement dans les pays à revenus faibles, intermédiaires et élevés (1)*
- 146 Population, environment, health, and development in Africa / *Population, environnement, santé et développement en Afrique*
- 147 Assessing quality in qualitative research / *Evaluer la qualité dans la recherche qualitative*
- 148 Children and youth / *Enfants et jeunes*
- 149 Latin America: the role of population dynamics in a sustainable development strategy - Organized by the Latin American Population Association (ALAP) / *Amérique latine : la dynamique démographique dans les stratégies de développement durable - Organisé par l'Association latino-américaine de population (ALAP)*
- 150 Prenatal sex selection / *Sélection prénatale en fonction du sexe*
- 151 Sexual and reproductive health services to meet men's needs / *Les services de santé sexuelle et reproductive pour les besoins de la population masculine*
- 152 Advances in research on abortion in sub-Saharan Africa / *Avancées de la recherche sur l'avortement en Afrique subsaharienne*
- 153 Child health in urban areas / *Santé des enfants en milieu urbain*
- 154 Gender and population: theoretical and methodological issues / *Genre et population : questions théoriques et méthodologiques*
- 155 Biological and behavioural aspects of health and mortality / *Santé et mortalité : aspects biologiques et comportementaux*

**10:00-10:30 – Coffee Break / Pause café**

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

- 156 The demographic and socioeconomic consequences of HIV/AIDS / *Conséquences démographiques et socioéconomiques du VIH/sida*
- 157 Socioeconomic differentials in fertility and family formation / *Différentiels socio-économiques en matière de fécondité et de formation de la famille*
- 158 The changing patterns of marriage and partnerships and their effects on fertility / *Evolution des formes de mariage et d'union et conséquences pour la fécondité*
- 159 Trends in skilled migration: causes and consequences / *Tendances de la migration qualifiée : causes et conséquences*
- 160 Health and ageing in low, middle and high-income countries (2) / *Santé et vieillissement dans les pays à revenus faibles, intermédiaires et élevés (2)*

- 161 Migration, poverty, and development / *Migration, pauvreté et développement*
- 162 Advances in population projections / *Les avancées récentes dans les projections démographiques*
- 163 Parental and public investment in children and adolescents / *Investissement parental et public pour les enfants et les adolescents*
- 164 Gender and population: the educational experience / *Genre et population : l'expérience éducative*
- 165 Inequalities in education / *Inégalités dans le domaine de l'éducation*
- 166 Reproductive ambivalence and uncertainty / *Ambivalence et incertitude vis-à-vis de la reproduction*
- 167 Advances in research on unsafe abortion and its consequences / *Les progrès de la recherche sur l'avortement à risque et sur ses conséquences*
- 168 Transition and urban health / *Transitions de santé en milieu urbain*
- 169 Language and population studies / *Pratiques linguistiques et recherches démographiques*
- 170 Evolutionary demography / *Démographie évolutionniste*

**Thursday 29 August / Jeudi 29 août**  
**12:00 - 13:30**

- 171 Poster Session on Fertility (2) / *Séance poster : Fécondité (2)*
- 172 Poster Session on Health, mortality and longevity (3) / *Séance poster : Santé, mortalité et longévité (3)*
- 173 Poster session on Gender and population (1) / *Séance poster : Genre et population (1)*
- 174 Poster session on Education and labour force (1) / *Séance poster : Education et emploi (1)*
- 175 Poster Session on International migration (2) / *Séance poster : Migrations internationales (2)*
- 176 Poster session on Spatial demography / *Séance poster : Démographie spatiale*
- 177 Poster session on HIV/AIDS and STDs (1) / *Séance poster : VIH/sida et MST (1)*
- 178 Poster session on Children and youth / *Séance poster : Enfants et jeunes*

**Thursday 29 August / Jeudi 29 août**  
**13:30 - 15:00**

- 179 Health systems and urban areas / *Les systèmes de santé en milieu urbain*
- 180 The impact of health interventions and programmes on mortality / *L'influence des programmes et des interventions sanitaires sur la mortalité*
- 181 Evolving families and child wellbeing / *Recomposition des familles et bien-être des enfants*
- 182 Return migration: trends and consequences / *Migrations de retour : tendances et conséquences*
- 183 The economics of population ageing / *Aspects économiques du vieillissement démographique*
- 184 Gender and population / *Genre et population*
- 185 Demographic behaviour of colonial populations / *Comportements démographiques des populations coloniales*
- 186 Historical demography of East Asia from household registers / *Démographie historique de l'Asie orientale à partir des registres des ménages*

- 187 Getting published in peer-reviewed journals: What editors look for / *Publier dans des revues à comité de lecture : les exigences des comités de rédaction*
- 188 The demography of ethnicity, culture and language / *Ethnicité, culture et langue : aspects démographiques*
- 189 Will middle-income countries reach below-replacement fertility? / *Les pays à revenu intermédiaire atteindront-ils un taux de fécondité inférieur au seuil de remplacement ?*
- 190 Contraception, unintended pregnancy and induced abortion / *Contraception, grossesses non désirées et avortement provoqué*
- 191 Sideline demographic methods and data / *Méthodes et données décalées en démographie.*
- 192 Contrasting fertility patterns and explanations: East Asia compared with other low-fertility regions / *Modèles de fécondité contrastés : comparaison entre l'Asie orientale et d'autres régions à faible fécondité*
- 193 Spatial Patterns and Determinants of Demographic Outcomes / *Modèles et déterminants spatiaux des comportements démographiques*

**15:00-15:30 – Coffee Break / Pause café**

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

- 194 Using DHS data to describe scale and pattern of HIV epidemic / *L'utilisation des données des EDS pour décrire le niveau et le profil de l'épidémie de VIH*
- 195 The health transition and mortality decline: the impact of interventions and programmes / *Transition de santé et déclin de la mortalité : l'impact des interventions et des programmes*
- 196 Family living arrangements and children wellbeing / *Conditions de vie familiales et bien-être des enfants*
- 197 The children of migrants and their transition to adulthood / *Les enfants des migrants et leur transition vers l'âge adulte*
- 198 Economic situation of elderly / *La situation économique des personnes âgées*
- 199 Family and educational outcomes for youth / *Famille et réussite scolaire chez les jeunes*
- 200 EurAsian history of population and family / *Histoire de la population et de la famille en Eurasie*
- 201 Population and socioeconomic scenarios for climate change research / *Scénarios démographiques et socio-économiques dans la recherche sur le changement climatique*
- 202 Spatial demography / *Démographie spatiale*
- 203 Religion and ideology in demographic analysis / *Religion et idéologie dans l'analyse démographique*
- 204 Public policies and low fertility / *Politiques publiques et faible fécondité*
- 205 Unintended pregnancies and abortion / *Grossesses non désirées et avortement*
- 206 Methods for projecting fertility / *Méthodes de projection de la fécondité*
- 207 Roundtable: Revisiting demographic analyses and theories through the lens of Amartya Sen's capability approach / *Table ronde : Revisiter les analyses et les théories démographiques avec l'approche sur les capacités d'Amartya Sen*
- 208 Spatial approaches to estimation of demographic rates / *Approches spatiales de l'estimation des taux démographiques*

**Thursday 29 August / Jeudi 29 août**

**17:30 - 19:00**

- 209 IUSSP Plenary Debate: For developing countries, economic development needs to be a higher priority than environmental protection and conservation of natural resources / *Séance de débat plénière de l'UIESP : Pour les pays en développement, le développement économique doit-il être une priorité plus importante que la protection de l'environnement et la préservation des ressources naturelles ?*

**19:00 - 21:00 – IUSSP General Assembly & Laureate Ceremony /**

*Assemblée générale de l'UIESP et cérémonie du Lauréat.*

**Friday 30 August / Vendredi 30 août**

**8:30 - 10:00**

- 210 Assessing sex differences in childhood mortality / *Evaluer les différences de mortalité dans l'enfance selon le sexe*
- 211 Sexual behaviours and the spread of sexually transmitted infections, including HIV / *Comportements sexuels et diffusion des maladies sexuellement transmissibles, y compris le VIH*
- 212 Economics of the family / *L'économie de la famille*
- 213 The effects of migration and remittances on areas of origin / *Effets des migrations et des transferts de fonds sur les régions d'origine*
- 214 Spatial dimensions of population and development / *Les dimensions spatiales de la population et du développement*
- 215 Methods for projecting all-cause or cause-specific mortality / *Méthodes de projection de la mortalité, notamment par la prise en compte des causes de décès*
- 216 Adolescent pregnancy and fertility / *Grossesse et fécondité des adolescentes*
- 217 Learning outcomes: school and family factors / *La réussite scolaire : facteurs familiaux et scolaires*
- 218 Gender-Based Violence / *Violence à caractère sexiste*
- 219 Health and urban mortality experience before and throughout the health transition / *Santé et mortalité urbaine avant et pendant la transition sanitaire*
- 220 Public policies and low fertility - theoretical considerations / *Politiques publiques et faible fécondité - considérations théoriques*
- 221 Assessments of facility-based delivery services / *L'évaluation des services d'accouchement dans des établissements de santé*
- 222 Migration and health / *Migration et santé*
- 223 Biological determinants of health and measures / *Les déterminants biologiques de la santé et leur mesure*
- 224 Population dynamics and environmental linkages / *Dynamiques démographiques et environnement*

**10:00-10:30 – Coffee Break / Pause café**

**Friday 30 August / Vendredi 30 août****10:30 - 12:00**

- 225 Month of birth, twins survival and neonatal mortality / *Mois de naissance, survie de jumeaux et mortalité néonatale*
- 226 Concurrency, sexual networks and HIV/AIDS / *Multiplicité des partenaires, réseaux sexuels et VIH/sida*
- 227 Family resources and family dynamics / *Ressources familiales et dynamique de la famille*
- 228 Destinations matter: variation in motives, strategies and outcomes by destination / *Motivations, stratégies et comportements migratoires selon la destination*
- 229 Economic development and population ageing / *Développement économique et vieillissement de la population*
- 230 Fertility related methods / *Méthodes de mesure de la fécondité*
- 231 Socioeconomic determinants of fertility and pregnancy among young woman / *Déterminants socioéconomiques de la fécondité et de la grossesse chez les jeunes femmes*
- 232 Trends in educational inequality / *Evolutions des inégalités scolaires*
- 233 Intimate partner violence / *Violence conjugale*
- 234 Sex imbalances and son preference / *Déséquilibres entre les sexes et préférence pour les garçons*
- 235 Recent fertility change: quantum and tempo effects / *Evolution récente de la fécondité : effets de calendrier et d'intensité*
- 236 Factors affecting contraceptive continuation and switching / *Facteurs affectant la continuation ou le changement de contraception*
- 237 Immigrant health / *La santé des immigrants*
- 238 Disentangling the spatial and social determinants of demographic behaviour / *Démêler les déterminants spatiaux et sociaux des comportements démographiques*
- 239 Environmental threats to child health / *Menaces environnementales pour la santé des enfants*

**Friday 30 August / Vendredi 30 août****12:00 - 13:30**

- 240 Poster session on Demographic methods and data / *Séance poster : Méthodes et données démographiques*
- 241 Poster Session on Health, mortality and longevity (4) / *Séance poster : Santé, mortalité et longévité (4)*
- 242 Poster Session on Gender and population (2) / *Séance poster : Genre et population (2)*
- 243 Poster Session on Education and labour force (2) / *Séance poster : Education et emploi (2)*
- 244 Poster Session on Marriage and union formation, families and households (2) / *Séance poster : Mariage et formation des unions, familles et ménages (2)*
- 245 Poster Session on Population ageing and intergenerational relations (2) / *Séance poster : Vieillesse démographique et relations intergénérationnelles (2)*
- 246 Poster Session on HIV/AIDS and STDs (2) / *Séance poster : VIH/sida et MST (2)*
- 247 Poster session on Population and the environment / *Séance poster : Population et environnement*

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

- 248 Malnutrition in childhood : maternal, household and community determinants / *Malnutrition dans l'enfance : les déterminants relevant de la mère, du ménage et de la communauté*
- 249 Pathways to health: direct and indirect effects of early life conditions on later health / *Trajectoires de santé : effets directs et indirects des conditions de vie initiales sur la santé ultérieure*
- 250 Marriage migration, transnational couples and their families / *Migrations matrimoniales, couples et familles transnationales*
- 251 International migration: recent policy directions / *Migrations internationales : orientations politiques récentes*
- 252 Development assistance to achieve universal health care / *L'aide au développement pour assurer l'accès universel aux soins de santé*
- 253 Collecting ethnic and racial data in censuses and surveys / *Collecte de données ethniques et raciales dans les recensements et enquêtes*
- 254 Population and development in East Asia / *Population et développement en Asie orientale*
- 255 Human trafficking and forced migration / *Trafic d'êtres humains et migrations forcées*
- 256 Demographic training: challenges and new approaches / *Formation démographique : défis et nouvelles approches*
- 257 Migration and gender / *Migrations et genre*
- 258 Consequences of the timing of childbearing for fertility trends and gender equality / *Effets du calendrier reproductif sur les tendances de la fécondité et les rapports de genre*
- 259 Determinants of contraceptive use and method choice / *Les déterminants de l'utilisation et du choix méthode de contraception*
- 260 The growing number and size of cities: causes and consequences / *Croissance des villes en taille et en nombre : causes et conséquences*
- 261 Investing in people. Challenges for population policies in times of crisis. Organized by the European Association for Population Studies (EAPS) / *Investir dans les personnes. Défis pour les politiques de population en temps de crise - Organisé par l'Association européenne pour l'étude de la population (EAPS)*
- 262 Impacts of environmental and climate change on health and mortality / *Conséquences des changements climatiques et environnementaux sur la santé et la mortalité*

**15:00-15:30 – Coffee Break / Pause café**

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

- 263 Right to health in developing countries / *Le droit à la santé dans les pays en développement*
- 264 Early life stress and later health / *Stress au début de la vie et santé ultérieure*
- 265 Internal migration and wellbeing / *Migration interne et bien-être*
- 266 The demographic dynamics of refugee populations: policies and programmes / *Dynamique démographique des populations réfugiées : politiques et programmes*

- 267 Belonging and control in population history / *L'appartenance et le contrôle des populations dans l'histoire*
- 268 Methods for assessing cause and effect in population sciences / *Méthodes pour évaluer les rapports de causalité dans les sciences de la population*
- 269 Ageing in Asia, societal and family support / *Vieillir en Asie : soutiens sociétal et familial*
- 270 Urbanisation, economic development and family transformation through history / *Urbanisation, développement économique et transformations familiales : une perspective historique*
- 271 Education and social mobility / *Education et mobilité sociale*
- 272 Gender, work and family (2) / *Genre, travail et famille (2)*
- 273 Recent fertility change: quantum and tempo effects. Further perspectives / *Evolution récente de la fécondité : effets de calendrier et d'intensité. Nouvelles perspectives*
- 274 Unmet need for family planning / *Les besoins non satisfaits en planification familiale*
- 275 Living arrangements and family support of older people / *Conditions de résidence et soutien familial aux personnes âgées*
- 276 Fertility and reproductive health: examining links with the environment / *Fécondité et santé de la reproduction : examiner les liens avec l'environnement*
- 277 Risk mapping / *La cartographie des risques*

**Friday 30 August / Vendredi 30 août**

**17:30 - 19:00**

- 278 IUSSP Panel on How families will change in the next 20 years / *Séance plénière de l'UIESP : Comment les familles vont-elles évoluer au cours des 20 prochaines années ?*

**Saturday 31 August / Samedi 31 août**

**8:30 - 10:00**

- 279 Early life socioeconomic adversity and later health / *Difficultés socio-économiques en début de vie et santé ultérieure*
- 280 Analysing causes of death to understand trends and differentials / *L'analyse des causes de décès pour comprendre les tendances et les différentiels de mortalité*
- 281 Migration policies and trends / *Tendances et politiques migratoires*
- 282 The sustainability of mega-cities / *La viabilité des mégapoles*
- 283 New regional estimates of fertility in China and India / *Nouvelles estimations régionales de la fécondité en Chine et en Inde*
- 284 Population and the environment / *Population et environnement*
- 285 Harmful traditional practices: female genital mutilation and other practices / *Pratiques traditionnelles néfastes : mutilations sexuelles féminines et autres*
- 286 Population and human rights / *Population et droits de l'homme*
- 287 Gender, work and family (1) / *Genre, travail et famille (1)*
- 288 Childlessness: measurement, determinants, and trends / *Une vie sans enfant : mesure, déterminants, et tendances*
- 289 Youth SRH services needs and challenges / *Les besoins et les défis des services de santé sexuelle et reproductive destinés aux jeunes*
- 290 Work-family and work-life issues / *Concilier travail, vie familiale et vie personnelle*

- 291 Population-Environment dynamics in Latin America / *La dynamique population-environnement en Amérique latine*
- 292 Indirect estimation of age: applications in paleo-, medieval and contemporary demography / *Estimations indirectes de l'âge : applications en paléodémographie, en démographie historique et contemporaine*

**10:00-10:30 – Coffee Break / Pause café**

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

- 293 The consequences of an ageing workforce / *Les conséquences du vieillissement de la population active*
- 294 New approaches to the collection and analysis of data on mortality and cause-of-death / *Nouvelles approches pour la collecte et l'analyse des données sur la mortalité et les causes de décès*
- 295 International migration and family dynamics / *Migrations internationales et dynamiques familiales*
- 296 Population and policy challenges in East Asia / *Défis démographiques et politiques en Asie orientale*
- 298 Diverse realities: Understanding the educational trajectories of young people / *Comprendre les trajectoires scolaires des jeunes : des réalités diverses*
- 299 Demographic transition in Asia / *La transition démographique en Asie*
- 300 Biodemography / *Biodémographie*
- 301 Living arrangement and its effect on older people in ageing societies / *Les conditions de vie des personnes âgées dans les sociétés vieillissantes*
- 302 Social networks and demographic outcomes / *Réseaux sociaux et comportements démographiques*
- 303 Family dynamics and fertility: the role of men / *Dynamiques familiales et fécondité : le rôle des hommes*
- 304 Family planning programmes and the reduction of fertility: lessons learned / *Programmes de planification familiale et réduction de la fécondité : quels enseignements ?*
- 305 Intergenerational transmission of demographic behaviour / *Transmission intergénérationnelle des comportements démographiques*
- 306 Migration as a mode of adaptation to extreme climate events, natural disasters and environmental change / *La migration comme mode d'adaptation à des conditions climatiques extrêmes, des catastrophes et des changements environnementaux*
- 307 Revisiting the fertility transition: long term perspectives / *Réexaminer la transition de la fécondité : des perspectives à long terme*

**Saturday 31 August / Samedi 31 août**

**12:15 - 13:30**

- 308 Closing Ceremony / *Cérémonie de cloture*

# 2013 IUSSP Conference Programme / Programme du Congrès de l'UIESP 2013

**Monday 26 August / Lundi 26 août**

**17:30 - 19:00**

**Auditorium**

## **Session 001: Opening Ceremony / Cérémonie d'ouverture**

Chair / Président(e): **Park Un-tae**, *Korea Institute of Population Problems*

1. **Keynote address: "Fertility and family-support policies: What can be learned from the European experiences?"** / Discours d'ouverture : Fécondité et politique familiale : quelles leçons tirer des expériences européennes?? • **François Héran**, *Institut National d'Études Démographiques (INED)*.
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**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 101, Convention Hall, 1st Floor**

## **Session 002: Access to and impact of HAART / Accessibilité et impact des traitements antirétroviraux hautement actifs (HAART)**

Chair / Président(e): **Cecilia Gayet**, *Flacso Mexico*

1. **Trends in HIV prevalence and incidence sex ratios in ALPHA demographic surveillance sites, 1990-2010** • **Basia Zaba**, *Clara Calvert, Milly Marston, London School of Health and Tropical Medicine*; **Raphael Isingo**, *National Institute for Medical Research, Tanzania*; **Jessica Nakiyingi-Miiro**, *MRC/UVRI Uganda Research Unit On AIDS*; **Tom Lutalo**, *Rakai Health Sciences Program*; **Amelia C Crampin**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Constance Nyamukapa**, *Biomedical Research & Training Institute & Imperial College London*; **Jim Todd**, *MRC/UVRI Uganda Research Unit On AIDS*; **Georges Reniers**, *London School of Hygiene and Tropical Medicine (LSHTM)*.
2. **Availability of HAART and Risky Sexual Behaviour: Insights from Botswana** • **Wayne S Gill**, *University of Free State, South Africa*; **Zitha Mokomane**, *Human Sciences Research Council of South Africa*; **Mona Drage**, *The Norwegian Heart and Lung Patient Organisation Organisation*.
3. **Immediate lifelong highly active antiretroviral therapy for all pregnant women with HIV: The counselling conundrum** • **Laura Ferguson**, *University of Southern California*; **Karina Kielmann**, *Queen Margaret University*; **Alison D. Grant**, *London School of Hygiene & Tropical Medicine*; **Deborah Watson-Jones**, *London School of Hygiene & Tropical Medicine*; **Sophie Vusha**, *University of Nairobi*; **John Odero Ong'ech**, *University of Nairobi*; **David A Ross**, *London School of Hygiene & Tropical Medicine*.

4. **Family situation and living arrangement of HIV-infected adolescents in land** • Sophie Le Coeur, *Institut National d'Études Démographiques (INED)*; Eva Le lievre, *Institut National d'Études Démographiques (INED)*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 102, Convention Hall, 1st Floor**

**Session 003: Low fertility groups in developing countries / *Groupes à faible fécondité dans les pays en développement***

Chair / Président(e): **Wanda Cabella**, *Facultad de Ciencias Sociales, Universidad de La República*

Discussant: **André Junqueira Caetano**, *Pontifícia Universidade Católica de Minas Gerais (pucmg)*

1. **Childlessness in Brazil: socioeconomic and regional diversity** • **Suzana M Cavenaghi**, *National School of Statistical Science at The Brazilian Institution of Geography and Statistics - ENCE/IBGE*; Jose Eustaquio Diniz Alves, *Brazilian Bureau of the Census*.
2. **Is fertility at replacement level in Ouagadougou, Burkina Faso? Assessing the impact of migrations** • **Laurent Toulemon**, *Institut National d'Études Démographiques (INED)*; Clémentine Rossier, *Institut National d'Études Démographiques (INED)*; Bassiahi Abdramane Soura, *Université de Ouagadougou*.
3. **Middle Class Dreams: India's One-Child Families** • **Alaka Basu**, *Cornell University*; **Sonalde Desai**, *University of Maryland & National Council of Applied Economic Research, New Delhi*.
4. **Below-replacement fertility of ethnic Indians in Fiji: a decomposition analysis of the components of changes in TFR** • **Bhakta B. Gubhaju**, *Australian National University*; Eduard Jongstra, *United Nations Population Fund (UNFPA)*; Merewalesi Raikoti, *Bureau of Statistics, Suva, Fiji*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 103, Convention Hall, 1st Floor**

**Session 004: Transitions in the spousal selection process / *Transitions dans le processus de sélection du conjoint***

Chair / Président(e): **Sangeetha Madhavan**, *University of Maryland*

1. **Arranged and forced marriages in Kyrgyzstan: Persistence or change?** • **Lesia Nedoluzhko**, *Stockholm University*; Victor Agadjanian, *Arizona State University*.
2. **Changing perceptions towards marriage and singlehood among Thai en** • **Patcharawalai - Wongboonsin**, *College of Population Studies, Chulalongkorn University*; Pataporn Sukontamarn, *College of Population Studies, Chulalongkorn University*;

Wiraporn Toom Pothisiri, *College of Population Studies*; Rungratana Kowantanakul, *College of Population Studies, Chulalongkorn University*.

3. **Marriage, its process and preparedness among Youth: Insight from Youth in India** • **Shubhranshu Upadhyay**, *International Institute for Population Sciences (IIPS)*; **Pal-lavi Gupta**, *International Institute for Population Sciences (IIPS)*.
4. **Transition into marriage in Greater Jakarta: Courtship, Parental Influence and Self-Choice Marriage** • **Ariane Utomo**, *Australian National University*; **Iwu Dwisetyani Utomo**, *Australian National University*; **Peter McDonald**, *Australian National University*; **Anna Reimondos**, *The Australian National University*; **Terence H Hull**, *Australian National University*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 104, Convention Hall, 1st Floor**

**Session 005: Migrant aspirations and strategies / *Aspirations et stratégies des migrants***

Chair / Président(e): **René Houle**, *Statistics Canada*

1. **Changing aspirations for voluntary mobility and immobility in times of crisis** • **Dominique Jolivet**, *International Migration Institute, University of Oxford*.
2. **Irregular Migration: assessing migration of young adults from southern Ethiopia to South Africa** • **Teshome Desta Kanko**, *Wolaita Sodo University*.
3. **Migration Aspirations among Young People in Egypt: Who Desires to Migrate and Why?** • **Asmaa Elbadawy**, *Population Council*.
4. **The influence of vulnerability on migration intentions in Afghanistan** • **Craig Loschmann**, *Maastricht University*; **Melissa Siegel**, *Maastricht University, School of Governance*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 105, Convention Hall, 1st Floor**

**Session 006: Internal migration and urbanization: special applications / *Migrations internes et urbanisation : études de cas***

Chair / Président(e): **James Raymer**, *Australian National University*

1. **Domestic Migration to Higher Education Institutions: Analysis of the Student Record Data in the UK** • **Neil G Bailey**, *University of Southampton*.
2. **Internal Migration to Kinshasa 1970-2007: Investigating migrant characteristics in times of insecurity and economic crises** • **Jamaica Corker**, *University of Pennsylvania*.
3. **Migration, Loss-To-Follow-Up and Population Surveillance in South Africa / Migration, Loss-To-Follow-Up and Population Surveillance in South Africa** • **Michael White**, *Brown*

University; Mark A Collinson, *University of the Witwatersrand*; Samuel Kojo Kojo Antobam, *University of the Witwatersrand*.

4. **The effect of social mobility on the odds and destination of relocation: moving within or out of the Brussels-Capital Region** • Lena Imeraj, *Vrije Universiteit Brussel*; sylvie gadeyne, *Vrije Universiteit Brussel*; Didier Willaert, *Vrije Universiteit Brussel*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 106, Convention Hall, 1st Floor**

**Session 007: Population ageing and intergenerational transfers: challenges for social welfare policies / *Vieillessement de la population et transferts intergénérationnels : défis pour les politiques sociales***

Chair / Président(e): **Judith Banister**, *Javelin Investments*

Discussant: **Yi Zeng**, *Duke University And Peking University*

1. **Marriage Squeeze and Intergenerational Transfers in Contemporary Rural China: Evidence from Yi County of Anhui Province** • Xiaoyi Jin, *Xi'an Jiaotong University*; qiuju guo, *School of Public Policy and Administration, Xi'an Jiaotong University*; Marcus W Feldman, *Stanford University*.
2. **Intergenerational contact in transnational families in Belgium** • Tom De Winter, *Vrije Universiteit Brussel*; Suzana Koelet, *Free University of Brussels*; Ronan Van Rossem, *Universiteit Gent*; Helga De Valk, *NIDI/Vrije Universiteit Brussel*.
3. **Transfers from Old Parents to Single Adult Children in Korea** • Yun-Suk Lee, *University of Seoul*.
4. **The economic effects of public and private transfers on elderly households in India: Implications for social welfare policies** • Soumitra Ghosh, *Tata Institute of Social Sciences*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 107, Convention Hall, 1st Floor**

**Session 008: Population and development / *Population et développement***

Chair / Président(e): **David Lam**, *University of Michigan*

1. **Labor and consumption across the lifecycle** • Andrew Mason, *University of Hawaii At Manoa*; Ronald D. Lee, *University of California, Berkeley*.
2. **Youth unemployment and age structure across the OECD countries** • Fortino Vela-Peon, *Universidad Autonoma Metropolitana Xochimilco*; Alejandro Aguirre Martinez, *El Colegio De Mexico*.

3. **Income Shocks, Contraceptive Use, and Timing of Fertility** • **Shamma Adeeb Alam**, *University of Washington*; **Claus C Portner**, *Seattle University*.
4. **Heat Waves at Conception and Later Life Outcomes** • **Joshua Wilde**, *University of South Florida*; **Benedicte Helene Apouey**, *Paris School of Economics*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 108, Convention Hall, 1st Floor**

**Session 009: Promoting sexual and reproductive health among adolescents: What works? / Promouvoir la santé sexuelle et reproductive chez les adolescents : qu'est-ce qui fonctionne ?**

Chair / Président(e): **Annabel Erulkar**, *Population Council*

1. **Effectiveness of using comic books to communicate HIV and AIDS messages to in-school youth: Insights from a pilot intervention study in Nairobi, Kenya** • **Francis Obare**, *Population Council*; **Harriet Birungi**, *Population Council*.
2. **Improving Maternal Health through Sexual and Reproductive Health Rights Awareness and Life Skill based Training: Experience in Bangladesh** • **Farhana Rahman**, *UCEP-Bangladesh*; **Ubaidur Rob**, *Population Council*; **Aftab Uddin Ahmed**, *UCEP-Bangladesh*.
3. **Questioning gender norms to promote SRH among early adolescents: Evidences from a school program in Mumbai, India** • **Pranita Achyut**, *Icrw*; **Ravi Verma**, *icrw*.
4. **The Impact of a school-based gender-sensitive sexuality education program on adolescents' sexual knowledge, attitudes and self-efficacy in Northwest China** • **Zhihong Sa**, *Beijing Normal University*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 109, Convention Hall, 1st Floor**

**Session 010: Depopulation at the subnational level: causes and implications / La dépopulation à l'échelle infranationale : causes et conséquences**

Chair / Président(e): **Natalie Olivia Jackson**, *University of Waikato*

Discussant: **David Ian Pool**, *University of Waikato*

1. **Demography and Disaster in a Shrinking Region: Assessing the Local Impacts of the Great East Japan Earthquake and tsunami of 11 March 2011** • **Peter Matanle**, *University of Sheffield*.
2. **Rural depopulation in Morocco: how are welfare standards to be maintained in the face of this demographic challenge? / Dépeuplement de la campagne marocaine: quelle mise à niveau sociale face au défi démographique?** • **Said Chahoua**, *Haut Commissariat au Plan*.

3. **Depopulation in southern Europe : demographic dynamics and spatial terms** • **Doignon Yoann**, *Aix-Marseille Université*; Sébastien Oliveau, *Aix-Marseille Université*; Alain Parant, *Institut National d'Études Démographiques (INED)*.
4. **Subnational Depopulation via Natural Decrease in Europe and the United States in the Early 21st Century** • **Layton Field**, *Texas A&M University*; Dudley L. Poston, *Texas A&M University*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 110, Convention Hall, 1st Floor**

**Session 011: Methods in adult health and mortality / *Les méthodes sur la mortalité et la santé adulte***

Chair / Président(e): **Vladimir Canudas-Romo**, *University of Southern Denmark*

1. **A methodological proposal for estimating disability transition rates from cross-sectional health surveys: application to Brazil** • **Marcos R Gonzaga**, *Universidade Federal do Rio Grande do Norte (UFRN)*; **Bernardo Lanza Queiroz**, *Universidade Federal de Minas Gerais*; Roberto Rodrigues, *Universidade Federal de Minas Gerais/ Federal University of Minas Gerais (UFMG/BRAZIL)*.
2. **A parametric model for old age mortality in mediation analysis / A parametric model for old age mortality in mediation analysis** • **Göran R Broström**, *Umeå University*; Soren Edvinsson, *Centre for Population Studies, Umea University*.
3. **Adult Mortality Determinants Controlling for Migration Biases – A Two-Stage Competing Risks Model applied to Nairobi HDSS Data** • **Philippe Bocquier**, *Université Catholique de Louvain*; Donatien Beguy, *African Population and Health Research Center (APHRC)*.
4. **All You Can Fit: Statistical Challenges in Estimating the Human Rate of Aging** • **Trifon Ivanov Missov**, *Max Planck Institute for Demographic Research*; Carlo Giovanni Camarda, *Institut National d'Études Démographiques (INED)*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 012: Infertility: addressing its causes and providing treatment / *Infécondité : s'atteler aux causes et fournir des traitements***

Chair / Président(e): **Sayed Unisa**, *International Institute for Population Sciences (IIPS)*

1. **Analysis on Pregnancy rate of Intra-Uterine Inseminations in Unexplained Infertility in Korea** • **Insun Jang**, *Korean Bible University*; Nami Hwang, *KIHASA/Choi Bung Ho*.

2. **Crossing borders to have a child: Case study of French nationals seeking ART in four European countries** • **Virginie Rozée**, *Institut National d'Études Démographiques (INED)*.
3. **Infertile Couple: Right to procreate** • **Amlan Kanti Ray**, *Spectrum Clinic and ERI*.
4. **The Demand for and Supply of Assisted Reproductive Technologies in the United States: Nationally Representative and Clinic Data, 1995-2010** • **Elizabeth Hervey Stephen**, *Georgetown University*; **Anjani Chandra**, *CDC/National Center for Health Statistics*; **Rosalind B. King**, *Eunice Kennedy Shriver National Institute of Child Health and Human Development*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 013: Sexuality and reproductive health / *Sexualité et santé de la reproduction***

Chair / Président(e): **Akinrinola Bankole**, *Gutmacher Institute*

Discussant: **Jean François Kobiane**, *Université de Ouagadougou*

1. **Family structure dynamics and gender differences in sexual behavior and HIV risk behavior and prevalence in Africa** • **Barthelemy Kuate Defo**, *Université de Montréal*; **Roland Pongou**, *Brown University*; **Zacharie Tsala Dimbuene**, *Statistics Canada*.
2. **Global trends in contraceptive method mix and implications for meeting the demand for family planning** • **Ann Biddlecom**, *United Nations Population Division*; **Vladimira Kantorova**, *Population Division, United Nations*.
3. **Contraception and sexuality among the unmarried young in North Africa: differential representations and practices among women and men / *Contraception et sexualité chez les jeunes célibataires au Maghreb : Représentations et pratiques différenciées chez les femmes et les hommes.*** • **Ibtihel Bouchoucha**, *Université Paris Ouest Nanterre La Défense/CERPOS/INED*; **Zahia Ouadah-Bedidi**, *University Paris Diderot (URMIS) /Institut National d'Études Démographiques (INED)*.
4. **Sexual and Reproductive Health of Women during Three Stages of Her Reproductive Life Span- A Comparative Analytical Study** • **Ajit Kumar Mathur**, *Indian Council of Medical Research (ICMR)*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 014: Multiple faces of the health transition / *Les multiples facettes de la transition sanitaire***

Chair / Président(e): **Jacques Vallin**, *Institut National d'Études Démographiques (INED)*

Discussant: **Markéta Pechholdová**, *University of Economics, Prague*.

1. **Mortality trajectories across demographic, economic and evolutionary response surfaces** • **Oskar Burger**, *Max Planck Institute for Demographic Research (MPIDR)*; **Jim Oeppen**, *Max Planck Institute for Demographic Research*.
2. **The Belgian Health Transition and the Dialectics of Progress** • **Patrick Deboosere**, *Vrije Universiteit Brussel*; **Abdulaziz A.H. Albader**, *Central department of Statistics*.
3. **Visual Explanations for Diverging Mortality Trends in High-Income Countries** • **Roland Rau**, *University of Rostock*; **Christina Bohk**, *University of Rostock*; **Magdalena Maria Muszyńska**, *Warsaw School of Economics*; **James W. Vaupel**, *Max Planck Institute for Demographic Research*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 015: Political demography of the Asia-Pacific region / *Démographie politique de la région Asie-Pacifique***

Chair / Président(e): **Eui Hang Shin**, *Seoul National University*

1. **Generation War on Twitter: The Unfolding of Social Elections in South Korea, 2010-2012** • **Dukjin Chang**, *Seoul National University*.
2. **The Age-structural Timing of Democratization in East Asia: Identifying Past Patterns, Hypothesizing Possible Futures.** • **Richard Cincotta**, *H.L. Stimson Center*.
3. **The Political Demography of Japan's Eldercare** • **Gabriele Vogt**, *University of Hamburg*.
4. **The Political Demography of Korea** • **Eui Hang Shin**, *Seoul National University*.

**Tuesday 27 August / Mardi 27 août**

**08:30 - 10:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 016: Marital status and mortality / *Statut matrimonial et mortalité***

Chair / Président(e): **José Miguel Guzman Molina**, *ICF Macro DHS*

Discussant: **Patrick Deboosere**, *Vrije Universiteit Brussel*.

1. **Couples' Characteristics and the Correlation of Husbands' and Wives' Health.** • **Gilbert Brenes-Camacho**, *University of Costa Rica*.
2. **Living arrangement trajectories and extreme longevity** • **Michel Poulain**, *Université Catholique de Louvain*; **Anne Herm**, *Tallinn University*.

3. **Spousal Concordance in Exceptional Longevity: The Interplay Between Social Origin, Marriage and Survival** • Valerie Jarry, *Université de Montréal*; Alain Gagnon, *Université de Montréal*; Robert Bourbeau, *Université de Montréal*.
4. **The Effect of Widowhood on Mortality when the Precedent Spouse Died from Alcohol Related Death or Accidental and Violent Death** • Netta Mäki, *University of Helsinki*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 101, Convention Hall, 1st Floor**

**Session 017: Reducing the vulnerability of adolescents and young people to HIV and STIs / Réduire la vulnérabilité des adolescents et des jeunes à l'infection par le VIH et les MST**

Chair / Président(e): **Chi-Chi Undie**, *Population Council*

Discussant: **Harriet Birungi**, *Population Council*

1. **Ambivalent cultural schemas: why teachers feel uncomfortable teaching comprehensive school-based sexuality education in Uganda** • Billie de Haas, *University Of Groningen*; Margaretha Timmerman, *University Of Groningen*; Inge Hutter, *University Of Groningen*.
2. **HIV Knowledge, Sexual Context, and Contraceptive Use at Sexual Debut among Urban South African Youths** • Kate C. Prickett, *University of Texas at Austin*; Leticia Marteleto, *University of Texas at Austin*.
3. **HIV testing among youth attending secondary school in Kenya: A multi-level analysis** • Eric Y Tenkorang, *Memorial University*; Eleanor Maticka-Tyndale, *University of Windsor*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 102, Convention Hall, 1st Floor**

**Session 018: Any prospects of fertility recovery in low-fertility societies? / Quelles perspectives de reprise de la fécondité dans les sociétés à faible fécondité ?**

Chair / Président(e): **Teresa Castro Martin**, *Consejo Superior de Investigaciones Cientificas (csic)*

1. **EU-Policies and Fertility: The Emergence and Implementation of Fertility Issues at the Supra-national Level** • Gerda Neyer, *Stockholm University*; Arianna Caporali, *Institut National d'Études Démographiques (INED)*; Nora Sanchez-Gassen, *Max Planck Institute for Demographic Research*.
2. **The Contribution of Mothers of Foreign Descent to Total Fertility: the Recent Recovery of Period Fertility in Flanders (Belgium)** • Lisa Van Landschoot, *Vrije Universiteit Brussel*; Jan Van Bavel, *University of Leuven*; Helga De Valk, *NIDI/Vrije Universiteit Brussel*.

3. **Effects of Germany's New Parental Leave Policy: Work-Family Reconciliation Patterns and Fertility of Highly Educated Families** • **Martin Bujard**, *Federal Institute for Population Research*; **Jasmin Passet**, *Federal Institute for Population Research*.
4. **Why is it difficult to achieve the ideal number of children? Answers in the case of South Korea** • **Soo-Yeon Yoon**, *University of Illinois at Urbana-Champaign*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 103, Convention Hall, 1st Floor**

**Session 019: Trends in the rates of mixed marriages / *Tendances des taux de mariages mixtes***

Chair / Président(e): **Luciene A F B Longo**, *Instituto Brasileiro de Geografia e Estatística (IBGE)*

Discussant: **Gabriela Sanchez-Soto**, *University of Texas at San Antonio*

1. **Exploring the Myth of Mixed Marriages in India: Evidence from a Nation-wide Survey** • **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*; **Deepti Singh**, *International Institute for Population Sciences*; **T.V. Sekher**, *International Institute for Population Sciences (IIPS)*.
2. **Space and interracial marriage: how does the racial distribution of a local marriage market change the analysis of interracial marriage in Brazil?** • **Maria Carolina Tomas**, *Universidade Federal de Minas Gerais (UFMG)*.
3. **Status Exchange? Remarriage and Inter-marriage** • **Zhenchao Qian**, *The Ohio State University*; **Daniel Lichter**, *Cornell University*.
4. **Mixed marriages in Benin: cultural tolerance is narrowing young women's disadvantage / Unions mixtes au benin : une tolérance culturelle de moins en moins défavorable à la jeune fille** • **S. Esperance Demate**, *Groupe d'Etude et de Recherche Démographiques et Sociales (GEReDeS)*; **A.S. Achille TOKIN**, *Groupe d'Etude et de Recherche Démographiques et Sociales (GEReDeS)*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 104, Convention Hall, 1st Floor**

**Session 020: Global migration trends and determinants / *Tendances et déterminants des migrations internationales***

Chair / Président(e): **Alan B. Simmons**, *York University*

1. **The Globalization of Migration: Has the world really become more** **ry?** • **Mathias Czaika**, *International Migration Institute -University of Oxford*; **Hein De Haas**, *International Migration Institute University of Oxford*.
2. **Innovations in International Migration for use in Global Population** **tions** • **Nikola Sander**, *Vienna Institute of demography*; **Guy J. Abel**, *Wittgenstein Centre*

(IIASA, VID/ÖAW, WU), Vienna Institute of Demography/Austrian Academy of Sciences; K.C. Samir, *International Institute for Applied Systems Analysis (IIASA)*.

3. **Projection of net migration using a gravity model** • Joel E. E Cohen, *Rockefeller University*.
4. **Immigration status and labour market integration** • Alessio Cangiano, *University of the South Pacific*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 105, Convention Hall, 1st Floor**

**Session 021: Internal migration and family dynamics / *Migrations internes et dynamiques familiales***

Chair / Président(e): Donatien Beguy, *African Population and Health Research Center (APHRC)*

1. **A cohort comparison of relationship between mobility and union formation among young adults in the US** • Bohyun Joy Jang, *The Ohio State University*; Anastasia Rebecca Snyder, *The Ohio State University*.
2. **Husbands' Out-migration and Familial Support at Origin: An Insight about Left-behind Wives from Rural Varanasi** • Sujata - Ganguly, *BBC Media Action, New Delhi, India*; Sayeed Unisa, *International Institute for Population Sciences (IIPS)*.
3. **Migration and Family Formation Dynamics in Nigeria: An Exploration of Linkages between Migration Status and Reproductive Behaviour** • Sunday Tunde Omoyeni, *Student*; Akanni Ibukun Akinyemi, *Obafemi Awolowo University, Ile Ife*; Adekunbi Omideyi, *Obafemi Awolowo University, Ile Ife*.
4. **The Effects of Fertility Intentions on Short and Long Distance Moves** • Michael Feldhaus, *University of Bremen*; Johannes Huinink, *University of Bremen*; Sergi Vidal, *Universität Bremen*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 106, Convention Hall, 1st Floor**

**Session 022: Labour force participation and productivity at older ages / *Participation au marché du travail et productivité des travailleurs âgés***

Chair / Président(e): Vegard Skirbekk, *International Institute for Applied Systems Analysis (IIASA)*

1. **Factors Associated to the Labor Participation of Elderly in Mexico** • Abraham Granados Martinez, *Universidad Nacional Autónoma de México*; Isalia Nava-Bolaños, *Universidad Nacional Autónoma de México*; Bernardino Jaciel Montoya-Arce, *Centro de*

*Investigación y Estudios Avanzados de la Población*; Hugo Montes de Oca-Vargas, *Centro de Investigación y Estudios Avanzados de la Población*.

2. **Institutional Determinants of the Retirement Patterns of China's Urban and Rural Residents** • John Giles, *The World Bank*; Xiaoyan Lei, *Peking University*; Yafeng Wang, *Peking University*; Yaohui Zhao, *Peking University*.
3. **Labor force participation patterns and occupational segregation of older Argentineans and Brazilians** • Gabriela Adriana Sala, *Centro de Estudios de Población (CENEP)*; Ana Maria Hermeto Camilo Oliveira, *Universidade Federal de Minas Gerais (UFMG)*.
4. **Who among the Elderly Participate in the Labour Force in India?** • Bheemeshwar Reddy Amireddy, *Indian Statistical Institute*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 107, Convention Hall, 1st Floor**

**Session 023: Population and poverty / *Population et pauvreté***

Chair / Président(e): **Cheikh Seydil Moctar Mbacké**, *Independent Consultant*

Discussant: **Parfait M. Eloundou Enyegue**, *Cornell University*

1. **Relative versus Absolute: Comparing wealth and poverty impacts on population and health** • Shea Oscar Rutstein, *ICF International, Inc.*; Sarah Staveteig, *MEASURE-DHS, ICF International*.
2. **Fertility Intentions, Child Growth and Nutrition in Northern Malawi.** • Angela Baschieri, *University of So*; John Cleland, *London School of Hygiene and Tropical Medicine (LSHTM)*; Kazuyo Machiyama, *London School of Hygiene & Tropical Medicine*; Sian Floyd, *London School of Hygiene And Tropical Medicine*; Albet Lazarous Nkhata Dube, *Univ of Malawi*; Anna Molesworth, *London School of Hygiene and Tropical Medicine*; Menard Chihana, *Koranga Prevention Study*; Judith Glynn, *London School of Hygiene and Tropical Medicine (LSHTM)*; Amelia C Crampin, *London School of Hygiene and Tropical Medicine (LSHTM)*; Neil French, *London School of Hygiene And Tropical Medicine*.
3. **Fertility Transition and Poverty Reduction in Districts of India** • Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)*; Rajesh Kumar Chauhan, *Population Research Centre, Department of Economics, University of Lucknow*; Mamta Rajbhar, *Iips, Mumbai*.
4. **Poverty, migration and access to social programs in Mexico** • Israel Banegas, *Universidad Nacional Autónoma de México*; Agustín Escobar Latapí, *ciesas occidente*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 108, Convention Hall, 1st Floor**

**Session 024: Raising young people's awareness of sexual and reproductive health matters: Opportunities and challenges / *La sensibilisation des jeunes aux questions de santé sexuelle et reproductive : opportunités et défis***

Chair / Président(e): **Ann Marie Moore**, *Guttmacher Institute*

1. **Communicating with Siblings about Sexual and Reproductive Health: Likelihood, Gendered Patterns, and Learning Mechanisms among Adolescents** • **Dela Kusi-Appouh**, *Population Council*.
2. **Evaluating the Impact of the Ishraq Program in Egypt** • **Asmaa Elbadawy**, *Population Council*.
3. **Factors Affecting Family Life Education and Its Quality among Unmarried Women (15-24 years) in India** • **Garima Dutta**, *International Institute for Population Sciences (IIPS)*; **Chander Shekhar**, *International Institute for Population Sciences (IIPS)*.
4. **Parents Speak: Fathers' and Mothers' Perspectives on Sex Education** • **Grace Cruz**, *University of the Philippines Population Institute*; **Christian Joy P Cruz**, *University of the Philippines Population Institute (uppi)*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 109, Convention Hall, 1st Floor**

**Session 025: Population dynamics and climate change / *Dynamique démographique et changement climatique***

Chair / Président(e): **Adrian Hayes**, *Australian National University*

1. **Population—Family Structure and Buildings' Carbon Emissions in China** • **Zhou Wei**, *Zhejiang University*; **Mi Hong**, *Zhejiang University*; **JIA Ning**, *Zhejiang University*; **Sun Jing**, *Zhejiang University*.
2. **Human Migration and Extreme Events: Tracing the Impacts of Environmental and Economic Shocks in the United States** • **Katherine Curtis**, *University of Wisconsin at Madison*.
3. **Assessing changes in village-level social vulnerability based on census data** • **J. Andres F. Ignacio**, *University of Namur*; **Sabine JF Henry**, *University of Namur*.
4. **Integrating Population into National Climate Change and Development Planning: The Cases of Malawi and Kenya** • **Clive Mutunga**, *Population Action International*; **Eliya Msiyaphazi Zulu**, *African Institute for Development Policy (AFIDEP)*; **Roger-Mark De Souza**, *Population Action International*; **Ruth N Musila**, *African Institute for Development Policy (AFIDEP)*; **James Ciera**, *African Institute for Development Policy (AFIDEP)*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 110, Convention Hall, 1st Floor**

**Session 026: Formal demography, innovative methodologies, and their applications / Méthodes démographiques, méthodologies innovantes et applications**

Chair / Président(e): **Trifon Ivanov Missov**, *Max Planck Institute for Demographic Research*

Discussant: **Nicolas Brouard**, *Institut National d'Études Démographiques (INED)*

1. **Event-Centered Demographic Methods: Theory and Examples** • **José Antonio Ortega**, *Universidad de Salamanca, Spain*.
2. **Hyak Mortality Monitoring System, Innovative Sampling and Estimation Methods - Proof of Concept by Simulation** • **Samuel Clark**, *University of Washington*; **Jon Wakefield**, *University of Washington*; **Tyler McCormick**, *University of Washington*; **Michelle Ross**, *University of Washington*.
3. **Modelling and decomposing vital rates: a non-parametric approach** • **Carlo Giovanni Camarda**, *Institut National d'Études Démographiques (INED)*; **Paul H. C. Eilers**, *Erasmus Medical Center Rotterdam*; **Jutta Gampe**, *Max Planck Institute for Demographic Research*.
4. **Reformulating the Support Ratio to Reflect Asset Income and Transfers** • **Ronald D. Lee**, *University of California, Berkeley*; **Andrew Mason**, *University of Hawaii At Manoa*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 027: Factors associated with maternal health seeking and utilization / Facteurs associés à la demande et à l'utilisation des services de santé maternelle**

Chair / Président(e): **Priya Priya Nanda**, *International Centre For Research On Women*

Discussant: **Clifford Obby Odimegwu**, *University of the Witwatersrand*

1. **Household decision-making on obtaining maternal health care: a phenomenological study in Dhaka city, Bangladesh** • **Abu Hasanat Mohammad Kishowar Hossain**, *University of Dhaka*.
2. **Impact Evaluation of Maternal-Child Health and Family Planning Service Utilization in Uttar Pradesh, India** • **Chander Shekhar**, *International Institute for Population Sciences (IIPS)*; **Diwakar Yadav**, *FHI 360, New Delhi, INDIA*.
3. **Maternal healthcare use and postpartum contraception in Nigeria** • **Ambrose Akinlo**, *Obafemi Awolowo University, Ile Ife*; **Luqman Bisiriyu**, *Obafemi Awolowo University, Ile Ife*; **Olapeju Esimai**, *Obafemi Awolowo University*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 028: Repositioning family planning / *Repositionner la planification familiale***

Chair / Président(e): **Zeba Sathar**, *Population Council*

1. **A reversal in the population policy of Iran: Do curbing family planning programs raise low fertility?** • **Amir Erfani**, *Nipissing University, Canada*.
2. **Assessing efforts to reposition family planning in Francophone West Africa: methodology and common findings in eight countries** • **Nicole Ross Judice**, *Futures Group Global*; **Modibo Maiga**, *Futures Group*; **Elizabeth A McDavid**, *Futures Group*; **Elizabeth Snyder**, *Futures Group*.
3. **Quality of Care in Family Planning: Gradual and Comprehensive Reform in China** • **Zhenming Xie**, *China Population Association*.
4. **Shaping the Family: Contraception and Family Formation in Ghana and Mali as viewed through the Lens of the Capability Approach** • **Claudine Sauvain-Dugerdil**, *Université de Genève*; **Nedialka Douptcheva**, *Harvard School of Public Health*; **Sory Ibrahima Diawara**, *University of Bamako*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 029: Nutrition disorders, health and mortality / *Troubles de la nutrition, santé et mortalité***

Chair / Président(e): **France Meslé**, *Institut National d'Études Démographiques (INED)*

Discussant: **Yeonjin Lee**, *University of Pennsylvania*

1. **Body weight perception and weight management behaviour among normal weight, overweight and obese women in India** • **Praween Kumar Agrawal**, *Population Council*.
2. **Child Malnutrition in Rural India: Does Women's Empowerment Reduce Prevalence of Stunted and Underweight Children?** • **Veena S. Kulkarni**, *Arkansas State University*.
3. **Prevalence and variation of underweight and overweight among Vietnamese adults in Thai Nguyen province of Vietnam** / *Prévalence et variation de la sous-poids et la sur-poids dans la population adulte de la province de Thai Nguyen du Vietnam* • **Linh Thuy Dang**, *Institute of Population, Health and Development*; **Liem T Nguyen**, *Institute of Population, Health and Development*.
4. **The Body Mass-Mortality Association in the United States: A Reassessment of Secular Trends** • **Yan Yu**, *Australian National University*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 030: Trends of demographic changes and prospects in North Korea /  
*Tendances démographiques et perspectives en Corée du Nord***

Chair / Président(e): **Yun Kim**, *Utah State University*

1. **Fertility of the North Korean Population: What Do We Know?** • **Doo-Sub Kim**, *Hanyang University*.
2. **Population Distribution and Migration in the DPRK** • **John Zhongdong Ma**, *Hong Kong Univ. of Science and Technology*.
3. **TBD** • **Luisa Engracia**, *former UNFPA Chief Technical Adviser to DPRK*.

**Tuesday 27 August / Mardi 27 août**

**10:30 - 12:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 031: Life-course influences on health and mortality / *Influences du parcours de vie sur la santé et la mortalité***

Chair / Président(e): **Lidia Panico** *Institut National d'Études Démographiques (INED)*

Discussant: **Karri Silventoinen**, *University of Helsinki*

1. **Living alone and psychological health in mid-life: the role of partnership history and parenthood status** • **Dieter Demey**, *ESRC Centre for Population Change*; Ann Berrington, *University of Southampton*; Maria Evandrou, *University of Southampton*; Jane Cecelia Falkingham, *University of Southampton*.
2. **Living arrangements and cognitive decline among the elderly in Europe** • **Silvia Meggiolaro**, *Department of Statistical Sciences, University of Padova, Italy*; Stefano Mazzuco, *University of Padova*; Fausta Ongaro, *Università Di Padova*; Veronica Toffolutti, *Norwich Medical School, University of East Anglia, UK*.
3. **The long-term effect of women's reproductive life on their mortality in rural Senegal / L'effet à long terme de la vie reproductive sur la mortalité des femmes en milieu rural sénégalais** • **Géraldine Duthé**, *Institut National d'Études Démographiques (INED)*; **Valérie Delaunay**, *Institut de Recherche pour le Développement (IRD)*; **Laetitia Douillot**, *Institut de Recherche pour le Développement (IRD)*; **Gilles Pison**, *Institut National d'Études Démographiques (INED)*.
4. **Pathways from parenthood history to later life health: Results from analyses of the English Longitudinal Study of Ageing** • **Sanna Read**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Emily M D Grundy**, *University of Cambridge*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section A, Convention Hall Lobby, 3rd Floor**

**Session 032: Poster session on Fertility (1) / Séance poster : Fécondité (1)**

Chair / Président(e): **Teresa Castro Martin**, *Consejo Superior de Investigaciones Científicas (csic)*

1. **The contribution of the Proximate determinates to fertility transition in na** • **Edmund Essah Ameyaw**, *Mathematics Department, Howard University*; Delali Margaret Badasu, *Regional Institute for Population Studies*; Samuel Nii Ardey Codjoe, *University of Ghana*.
2. **A comparison of prospective and retrospective fertility intentions in Northern Malawi** • **Angela Baschieri**, *University of So*; John Cleland, Kazuyo Machiyama, Aisha Dasgupta, Sian Floyd, *The London School of Hygiene and Tropical Medicine*; Albet Lazarous Nkhata Dube, *Univ of Malawi*; Anna Molesworth, *London School of Hygiene and Tropical Medicine*; Menard Chihana, *Karonga Prevention Study*; Judith Glynn, Neil French, *The London School of Hygiene and Tropical Medicine*.
3. **A Study on Developing Model Estimating Total Fertility Rate of Korea with a Focus on the First Marriage Rate** • Ki-hwan Kim, *Korea Unniversity*; **Myung Jin Hwang**, *Korea University*; Jimin Eum, *Korea University*.
4. **Besoins non satisfaits en contraception et evolution de la fécondité dans les grandes villes en Afrique au sud du Sahara** • **Elise Ahovery**, *Insaé*.
5. **Determinants of Fertility Change in the West Bank and Gaza Strip** • **Anaïs Simard-Gendron**, *University of Montreal*.
6. **Female Labor Force Participation and Fertility in South Korea** • Hyun Sik Kim, *Kyung Hee University*; **Ji Yeon Kim**, .
7. **Fertility in Russia: evidences after 2010 census** • **Irina E. Kalabikhina**, *Lomonosov Moscow State University*.
8. **Gender and fertility in sub-Saharan Africa / Genre et Fecondité en Afrique subsaharienne** • **Roger Armand Waka Modjo**, *Université Montesquieu - Bordeaux IV*.
9. **Intensité et calendrier de la fécondité des Indiennes inscrites au Canada (1986-2011)** • **Marilyn Amorevieta-Gentil**, *Université de Montréal*; David Daignault, *Aboriginal Affairs and Northern Development Canada*; Norbert Robitaille, *Université de Montréal*; Eric Guimond, *Ministère des Affaires indiennes et du Nord Canada*; Sacha Sénécal, *Aboriginal Affairs and Northern Development Canada*.
10. **Length Interval between second and third births as an indicator of failure in the implementation of reproductive preferences in the context of Latin American fertility decline - the case of Bolivia, Brazil and Colombia** • **Laura L. Rodriguez Wong**, *Federal Univer-*

*sity of Minas Gerais, CEDEPLAR; Gabriela de Oliveira Bonifacio, Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR).*

11. **Lengthening birth intervals and their impact on the fertility transition in rural and urban East Africa** • **Catriona Anne Towriss**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Ian Manfred Timaeus**, *London School of Hygiene and Tropical Medicine (LSHTM)*.
12. **Low fertility intention in Tehran, Iran: The role of attitudes, norms, and perceived behavioral control** • **Amir Erfani**, *Nipissing University, Canada*.
13. **Lower fertility for twins in Sweden** • **Johan Tollebrant**, *Statistics Sweden*; **Lotta Persson**, *Statistics Sweden*.
14. **Changes in reproductive behaviours in North African countries: some arguments for a convergence towards the generation-replacement threshold / L'évolution des comportements procréateurs des pays d'Afrique du Nord: Quelques arguments d'une convergence vers le seuil de remplacement des générations.** • **Mohammed Bedrouni**, *Université Saad Dahleb Blida*.
15. **Negative discrepant fertility and relationship of gender in Latin America - the Brazilian case** • **Angelita Alves Carvalho**, *Universidade Federal de Minas Gerais (UFMG)*; **Laura L. Rodriguez Wong**, *Federal University of Minas Gerais, CEDEPLAR*; **Ezra Gayawan**, *Universidade Federal de Minas Gerais*; **Gabriela de Oliveira Bonifacio**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
16. **Proximate determinants and their influences on fertility reduction in etnam** • **Kailash Chandra Das**, *International Institute for Population Sciences (Iips), Mumbai*; **Nguyen Thi Ngoc Lan**, *General Statistical Office(GSO), Government of Vietnam*; **Chander Shekhar**, *International Institute for Population Sciences (IIPS)*.
17. **Socioeconomic differences in Algerian fertility : a matter of age at marriage. Insights from 1998-census individual data** • **Zahia Ouadah-Bedidi**, *University Paris Diderot (URMIS) /Institut National d'Études Démographiques (INED)*; **Jacques Vallin**, *Institut National d'Études Démographiques (INED)*.
18. **Systematic Change of Signs in Macro Patterns of Fertility: Understanding the Low Fertility Path of some OECD-Countries** • **Martin Bujard**, *Federal Institute for Population Research*.
19. **The Comparative Study on Fertility Intention between Floating Population and Local Residents in China----Based on Beijing's Survey** • **Xiaohong Ma**, *Beijing Population Research Institute*.
20. **Transformation of Reproduction Norms: Delay and Gender Dynamics in Parenthood** • **Gabriel Bainchi**, *Slovak Academy of Sciences, Inst. Res. Soc. Communication*; **Miroslav Popper**, *Slovak Academy of Sciences*; **Ivan Luksik**, *Slovak Academy of Sciences*; **Magda Petrijanosova**, *Slovak Academy of Sciences*.

21. **‘Mother’s Market’: An Exploratory Study on the Surrogacy Industry in India** • **Ritika Mukherjee**, *International Institute for Population Sciences (IIPS)*; T.V. Sekher, *International Institute for Population Sciences (IIPS)*.
22. **“Never on Sunday”: Examining the shape of the distribution of births throughout the weekdays.** • **Byron Kotzamanis**, *Universite de Thessalie*; Anastasia Kostaki, *Athens University of Economics and Business*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section B, Convention Hall Lobby, 3rd Floor**

**Session 033: Poster session on Sexuality and reproductive health (1) / Séance poster : Sexualité et santé de la reproduction (1)**

Chair / Président(e): **Akinrinola Bankole**, *Guttmacher Institute*

1. **Correlates of unmet need for contraception in Zambia: A look at community-level determinants** • **Eunice Ntwala Samwanga Imasiku**, *University of the Witwatersrand*.
2. **Filipino women’s exposure to family planning messages in the tri-media and their contraceptive use** • **Angelique F Ogena**, *University of the Philippines Population Institute*.
3. **Advances in research of abortion in Russia** • **Lidia Bardakova**, *UNFPA*; Florina Serbanescu, *CDC*; Alexander Mordovin, *United Nations Population Fund (UNFPA)*; Mary Goodwin, *CDC*; Svetlana Urievna Nikitina, *Federal State Statistics Service*; Ilya Zhukov, *United Nations Population Fund (UNFPA)*.
4. **Community Health Workers Make a Difference: Evidence of Program Impact on Improving Maternal, Newborn, and Child Health Behaviors in Northern Nigeria** • **Sally E Findley**, *Columbia University*; Henry Victor Doctor, *Columbia University*; Omolara Umewedimo, *Columbia University*; Godwin Afenyadu, *PRRINN-MNCH Programme*.
5. **Contraceptive Adoption after Unwanted Birth in India: A Calendar Analysis** • **Laxmi Kant Dwivedi**, *International Institute for Population Sciences (IIPS)*; Dixit Priyanka, *International Institute for Population Sciences*.
6. **Determinants of unprotected casual heterosexual sex in Ghana** • **Akwasi Kumi-Kyereme**, *University of Cape Coast*; Eugene Kofuor Maafo Darteh, *University of Cape Coast*.
7. **Disparity in contraceptive use in Indonesia: Do place, gender and decision making matter?** • **Farid Agushybana**, *Institute for Population And Social Research, Mahidol University, Thailand*; Malee Sunpuwan, *Institute for Population and Social Research, Mahidol University*.
8. **Does Distance and Transportation Cost Matter? Access to Maternity Services by Bangladeshi Rural Women** • **Kaji Tamanna Keya**, *Population Council Bangladesh*; Md.

Moshiur Rahman, *The Population Council*; Ubaidur Rob, *Population Council*; Ben Bellows, *Population Council*.

9. **Does the Use of Contraceptives Reduce Infant Mortality? Evidence from Surveillance Data in Matlab, Bangladesh** • Unnati Rani Saha, *International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B)*; Arthur van Soest, *Tilburg University*.
10. **Effect of unmet need for contraception on child survival: evidence from**  
**ria** • Sunday A Adedini, *University of the Witwatersrand, South Africa & Obafemi Awolowo University, Nigeria*; Clifford Obby Odimegwu, *University of the Witwatersrand*; **Charlestine Bob Bob Elwange**, *Kyambogo University*.
11. **Gender Preference and Induced Abortion in Korea** • Huizi Jin, *Ajou University*.
12. **How much can improvement in contraceptive continuation rates raise prevalence in Pakistan?** • Saman Naz, *Alif Ailaan*; Arshad Muhammad Mahmood, *Population Council*.
13. **Incomplete fertility transition in Colombia / La transition inachevée de la fécondité en Colombie** • Cadavid Ligia del Socorro Zuleta, *Association Gerontologique*.
14. **Latino men and vasectomy: An exploration in El Paso, Texas** • Celia Hubert Lopez, *University of Texas at Austin*; Kari White, *University of Alabama At Birmingham*; Kristine Hopkins, *University of Texas at Austin*; Daniel Grossman, *Ibis Reproductive Health*; Joseph E Potter, *University of Texas at Austin*.
15. **Men's needs for reproductive health services in two cities in Argentina** • Hernan M Manzelli, *The University of Texas at Austin*; Edith Alejandra Pantelides, *Centro de Estudios de Población (CENEP)*; Magalí Gaudio, *Centro de Estudios de Población (CENEP)*.
16. **New insights about attitudes towards contraception among a population of U.S. women at risk for an unintended pregnancy: Qualitative data from a sample of women obtaining abortions** • Lori Frohwirth, *Guttmacher Institute*; Ann Marie Moore, *Guttmacher Institute*; Renata Maniaci, *Columbia University*.
17. **Prevalence, knowledge and types of contraception used by women, according to the type of union: a study for Brazil and Mexico** • Juliana Vasconcelos de Souza Barros, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*; Laura L. Rodriguez Wong, *Federal University of Minas Gerais, CEDEPLAR*.
18. **Repeat pregnancies among women with known HIV-positive status in Chitungwiza, Zimbabwe** • Vimbainashe Makani, *Zimbabwe AIDS Prvention Project-University of Zimbabwe*; Winfreda Chandisarewa, *University of Zimbabwe*; Angela Mushavi, *Ministry of Health and Child Welfare*; Batsirai Makunike-Chikwinya, *Elizabeth Glaser Pediatric AIDS Fondation*; Avinash Shetty, *Wake forest University*.
19. **Reproductive health service provision and its differentials in Bangladesh: Implication for developing countries** • M Sheikh Giashuddin, *Jagannath University, Dhaka*; Ahmed Sabir, *NIPORT*; Mohammad Kabir, *Jahangirnagar University*.

20. **The HIV epidemic and the difficulties of children infected and affected by HIV/AIDS in Ha Long city, Quang Ninh province-Vietnam** • **Thi Thieng Nguyen**, *institut de population et la societe studies de universite nationale economique (IPSS-NEU)*.
21. **The Russian legislation on abortions and choice of women in case of unintended pregnancy** • **Nina Rusanova**, *Institute for Socio-Economic Problems of Population Russian Academy of Sciences*; Lyubov Vladimirovna Erofeeva, *Russian Association for Population and Development (RAPD)*.
22. Typology of couples and use of modern contraceptives in Niger / **Typologie des couples et utilisation des methodes de contraception moderne au Niger** • **Issifou Soumana**, *Institut National De La Statistique*; Souley Illa, *Institut National De La Statistique/Bureau Central De Recensement*.
23. **Unsafe abortions in Kenya: complication severity and associated factors** • **Abdhalah K Ziraba**, *African Population and Health Research Center (APHRC)*; Hailemichael Gebre-selassie, *Ipas*; Chimaraoke Izugbara, *African Population and Health Research Center (APHRC)*; Brooke A. Levandowski, *Ipas*; Elizabeth Kimani, *African Population and Health Research Center (APHRC)*; Michael M. Mutua, *African Population and Health Research Center (APHRC)*; Shukri F Mohamed, *African Population and Health Research Center (APHRC)*; Carolyne Phyllis Egesa, *African Population and Health Research Center (APHRC)*.
24. **Who are the women that conceive unintentional pregnancies in Tanzania?** • **Amon Exavery**, *Ifakara Health Institute*; Almamy Malick Kante, *Institut National d'Études Démographiques (INED)*.
25. **Who cares? Pre and post abortion experiences among young people in Cape Coast Metropolis, Ghana** • **Kobina Esia-Donkoh**, *Univesity Of Cape Coast*; Harriet Bleman, *Asamankese Senior High School*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section C, Convention Hall Lobby, 3rd Floor**

**Session 034: Poster session on Internal migration and urbanization (1) / Séance poster : Migrations internes et urbanisation (1)**

Chair / Président(e): **Eduardo L. G. Rios-Neto**, *CEDEPLAR - Universidade Federal de Minas Gerais*

1. **A Story of Abating Labour Migration during the Last One and Half Decades in India** • **Kunal Keshri**, *G B Pant Social Science Institute, Allahabad University, Allahabad*; Ram Babu Bhagat, *International Institute for Population Sciences (IIPS)*.
2. **Changing patterns of Internal Migration in Malawi, 1966-2008** • **Lobina Gertrude Palamuleni**, *North West University*; Martin Enock Palamuleni, *North West University*.

3. **Characteristics and Prospect of China's Urbanization Development** • Fang Wang, *China Youth University for Political Sciences*.
4. **Cost of Urbanization** • Narantuya Danzan, *Mongolian National University*.
5. City growth in size and population: causes and consequences / **Croissance des villes en taille et en nombre: Causes et conséquences** • Carline Duval Joseph, *Centre de Techniques de Planification d'Economie Appliquée (CTPEA)*.
6. Determinants of choice of place of residence in the suburbs of Montreal: Life cycle and linguistic segregation / **Déterminants du choix du lieu de résidence dans la banlieue de Montréal : perspective du cycle de vie et ségrégation linguistique** • Guillaume Marois, *Institut National de la Recherche Scientifique (INRS)*; Alain P Belanger, *Institut National de la Recherche Scientifique (INRS)*.
7. **Effects of Expansion of Cities on Population Variables (Case study: Iran)** • Maryam Najar Nahavandi, *University of Tehran*; Leila Arabsorkhi, *University of Tehran*.
8. **Return migration in Brazil over five-years periods 1986/1991, 1995/2000 and 2005/2010** • Emerson Augusto Baptista, *Universidade Federal de Minas Gerais (UFMG)*; Jarvis Campos, *Universidade Federal de Minas Gerais*.
9. **Slums and cities in Brazil: comparison for Belo Horizonte and Rio de ro** • Regiane Carvalho, *Universidade Federal de Minas Gerais (UFMG)*.
10. **The effects of migration and socio-spatial segregation in the modification of the space of the Metropolitan Area of Campinas, Brazil, in 2000s** • José Marcos Pinto Da Cunha, *Universidade Estadual de Campinas (UNICAMP)*; Alberto Jakob, *University of Campinas (Unicamp)*.
11. **The growing number and size of towns/cities in India: Emerging issues from 2011 census data** • Kailash Chandra Das, *International Institute for Population Sciences (Iips), Mumbai*; Soumi Mukherjee, *International Institute for Population Sciences (IIPS)*; Kumudini Das, *Pillai's College of Arts, Commerce and Science, Navi Mumbai*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section D, Convention Hall Lobby, 3rd Floor**

**Session 035: Poster session on Population and human rights / Séance poster : Population et droits de l'homme**

Chair / Président(e): Sofia Gruskin, *University of Southern California*

1. **ASEAN Communities: Challenges and Opportunities For Vulnerable groups in Thailand** • Kamolchanok - Khumsuwan, *Institute for Population and Social Research Mahidol University*.

2. **Blankets, brass tags and bungalows: the role of population data systems in historical Aboriginal affairs in Northern Territory, Australia** • Ellen Percy Kraly, *Colgate University*.
3. **Catastrophic Health Expenditure and Poor in India: Health Insurance is the Answer?** • T.V. Sekher, *International Institute for Population Sciences (IIPS)*.
4. **Diminution des mariages forcés et augmentation de leur prise en charge en France** • Christelle Hamel, *Institut National d'Études Démographiques (INED)*.
5. **Political and community divisions and living conditions among Syrian refugees in Lebanon / Divisions politiques et communautaires et conditions de vie des réfugiés syriens au Liban** • Hala Naufal Rizkallah, *Université Libanaise*.
6. **Politics of Tuberculosis and HIV programme Integration in Ghana** • Kofi Awusabo-Asare, *University of Cape Coast*; Joshua Amo-Adjei, *University of Cape Coast*.
7. **Prisoners and detainees access to health services in Southern African countries (Southern African Development Community/ SADC)** • Lupwana John Kandala, *NGO/ Lutte contre l'insalubrite et la désorientation des jeunes*.
8. **The association between Immigrant Workers' Discrimination and Mental health** • Chung-Ah Kim, *Seoul National University*; Da Hye Kwon, *Seoul National University*; Eun Ah Kim, *Seoul National University*; Hyung Won Lee, *Seoul National University*; Jin Hee Heo, *Seoul National University*; Jinseon Yi, *Seoul National University*; Joo Myung Lee, *Seoul National University*; Jung Ah Kim, *Seoul National University*; Yoon Jung Lee, *Seoul National University*; Yong Hyuk Lee, *Seoul National University*.
9. **The evolution of the social politics in Brazil: the period of 1930-2010** • Fernando Antônio França Sette Pinheiro Júnior, *Government of Minas Gerais*.
10. **Trends in attitudes towards FGM among ever-married Egyptian women, 1995-2008: Paths of change** • Ronan Van Rossem, *Universiteit Gent*; Dominique Meekers, *Tulane University*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section E, Convention Hall Lobby, 3rd Floor**

**Session 036: Poster session on Marriage and union formation, families and households (1) / Séance poster : Mariage et formation des unions, familles et ménages (1)**

Chair / Président(e): **Shelley Clark, McGill University**

1. **Formalising unions in Cameroon: towards a quest for conjugal treasure? / Formalisation de l'union au Cameroun : vers une quête du trésor conjugal ?** • Carole Eulalie Mvondo Mengue, *Ministère de l'Économie, de la Planification et de l'Aménagement du Territoire*; **Hélène Kamdem Kamgno, Institut de formation et de Recherche Démographiques (IFORD)**.

2. **Association of Child Marriage with Intimate Partner Violence in Four African Countries** • Anastasia Gage, *Tulane University*; David Hotchkiss, *Tulane University*; Deepali Godha, *Independent Researcher*.
3. **Exchanging Race for Religion? Interracial Unions and Religion in Brazil, 1980-2010** • Luciene A F B Longo, *Instituto Brasileiro de Geografia e Estatística (IBGE)*; Paula Miranda-Ribeiro, *CEDEPLAR, Universidade Federal de Minas Gerais*; Ana Maria Hermeto Camilo Oliveira, *Universidade Federal de Minas Gerais (UFMG)*.
4. **Is the civil solidarity pact competition for or complementary to marriage in France? / Le pacte civil de solidarité est-il concurrentiel ou complémentaire du mariage en France ?** • Nicolas Belliot, *Université de Bordeaux*.
5. **Marriage as Ideal, Cohabitation as Practical: Revisiting Meanings of Marriage in the Philippines** • Maria Midea M. Kabamalan, *University of the Philippines*; Nimfa Balating Ogena, *University of the Philippines*.
6. **Mobility, Family Values and Marital Stability in Rural China** • Liang Li, *Soochow University*; Lu Song, *Soochow University*.
7. **Recent Trends in Union formation and dissolution in India** • Premchand Dommaraju, *Nanyang Technological University*.
8. **Reciprocal behaviour in partnership and fertility: new mechanisms for family formation in Europe and the United States** • Mark J Lyons-Amos, *University of Southampton*.
9. **Second Demographic Transition and Marriage Revolution In Iran** • Shahla Kazemi-Pour Sabet, *Population Studies And Research Center in Asia & the Pacific, Ministry of Science, Research And Technology*.
10. **Recent trends in age at first marriage in Africa / Tendances récentes dans l'âge au premier mariage en Afrique.** • Yédodé Ahokossi, *Centre de Recherche et d'Appui-conseils pour le Développement (CRAD)*.
11. **The changing demographics of cohabiting unions in Latin America** • Salvador Rivas, *Université du Luxembourg*; Julieta Perez Amador, *El Colegio De Mexico*.
12. **The geography of relationships in Sweden: Developments in geographical proximity between couples and their parents, 1980-2007.** • Margarita Chudnovskaya, *Stockholm University*; Martin Kolk, *Stockholm University*.
13. **Trends and determinants of female marriage migration in contemporary China** • Ying Hu, *Xi'an Jiaotong University*; Shuzhuo Li, *Xi'an Jiaotong University*; Marcus W Feldman, *Stanford University*.
14. **Trends and Differentials in Age at First Marriage by Caste in India -- Factors Promoting Child Marriages of Girls** • Prem C. Saxena, *Independent Consultant & Researcher*; Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)*.

15. **Who has Greatest Expectations? Expected Consequences of Union Formation across Europe** • **Kenneth Aarskaug Wiik**, *Statistics Norway*; Eva M. Bernhardt, *Stockholm University*.
16. **Why Female Marriage Immigrants in Korea Feel Stressed after immigrating to Korea?** • **Minhee Park**, *Wonkwang University*; Sook-Ja Yang, *Ewha Womans University*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section F Convention Hall Lobby, 3rd Floor**

**Session 037: Poster session on Population ageing and intergenerational relations (1) / Séance poster : Vieillesse démographique et relations intergénérationnelles (1)**

Chair / Président(e): **Yasuhiko Saito**, *Nihon University*

1. **Health-related Quality of Life by Age among Vulnerable Elderly Women in Korea** • **Yun-hee Kim**, *Pukyong National University*; Gyoo-yeong Cho, *Yongsan University*.
2. **Social Security System in Nepal Evidence from the Institutional and Beneficiary Survey** • **Devendra Prasad Shrestha**, *Tribhuvan University*; Prithivi Raj Ligal, *Policy Research and Development Nepal*; Naveen Adhikari, *Dept. of Economics, Tribhuvan University*; Kishore Maharjan, *PRAD Nepal*.
3. **The Dynamics of Health and Its Determinants among Older Adults** • **Younoh Kim**, *University of Southern California*.
4. **The Effect of Transition to Grandparenthood on Psychological Well-being** • **So-young Kim**, *Seoul National University*.
5. **Ageing, health and policy response in Vietnam** • Quang Lam Tran, *Management Sciences for Health, Vietnam*; **Thi Mai Nguyen**, *General Office for Population and Family Planning*; Diem Hong Tran, *Hanoi National Economics University (PhD candidate)*.
6. **Ageing and public health expenditures in Spain: assessing some determinants of public hospital costs during the last decade in Spain.** • **Elisenda Rentería**, *Universitat de Barcelona*; Rosario Scandurra, *Universitat de Barcelona*.
7. **Changing Family Structure and Care of the Older Persons in Nigeria** • **Elias Olukorede Wahab**, *Lagos State University, Ojo Nigeria*; Abiodun Adedokun, *Lagos State University*.
8. **Estimation of Work-life Expectancy for the Elderly by Work-life Table in Korea** • **Sinae Park**, *Statistics Korea*.
9. **Family cultures, labour market structures and intensive grandchild care: a European comparison** • **Giorgio Di Gessa**, *King's College London*; Eloi Ribe, *King's College London*.

don; Anthea Margaret Tinker, *King's College London*; Debora Price, *King's College London*; Karen Glaser, *King's College London*.

10. **Global Aging Data Repository: Resources & Tools for Aging Studies** • Jinkook Lee, *Rand*; Albert Weerman, *USC*; Drystan Phillips, *RAND*; Sandy Chien, *RAND*; Alerk Amin, *RAND*.
11. **Impact of Population Aging on Antibiotic Resistance in the United States** • Audrey M Dorelien, *University of Michigan*; Eili Y Klein, *Johns Hopkins University*; Roger Kouyos, *University of Zurich*.
12. **Life expectancy and healthy life expectancy in European countries** • Jana Langhamrová, *University of Economics, Prague*; Lenka Vrana, *University of Economics, Prague*; Petra Dotlacilova, *University of Economics, Prague*; Tomas Fiala, *University of Economics, Prague*.
13. **Life satisfaction among the elderly in Italy in a gender approach** • Silvia Meggiolaro, *Department of Statistical Sciences, University of Padova, Italy*.
14. **Living Arrangements in Health Care seeking among Elderly in India: Some New Insights** • Debasis Barik, *National Council for Applied Economic Research*.
15. **Measurement and Effect Factors of Ageism in Korea** • Ju-Hyun Kim, *Seoul National University*.
16. **Measuring unmet care needs of older Canadians living in private households** • Samuel Vézina, *Institut National de la Recherche Scientifique (INRS)*; Janice Keefe, *Mount Saint Vincent University*; Paul Spin, *Dalhousie University*.
17. **Perceived health and mortality of the older persons in a population undergoing ageing** • Patama Vapattanawong, *Mahidol University*; Wichai Aekplakorn, *Faculty of Medicine, Ramathibodi Hospital, Mahidol University*.
18. **Socioeconomic determinants of health inequalities among the older population in India: a decomposition analysis** • Lucky Singh, *International Institute for Population Sciences (IIPS)*; Srinivas Goli, *International Institute for Population Sciences (IIPS)*; Perianayagam Arokiasamy, *International Institute for Population Sciences*.
19. **Sons and Daughters: Effects of Children's Out-migration on Intergenerational Support in Rural China** • Lu Song, *Soochow University*; Shuzhuo Li, *Xi'an Jiaotong University*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section G Convention Hall Lobby, 3rd Floor**

**Session 038: Poster session on Society and culture / Séance poster : Société et culture**

Chair / Président(e): **Caroline Bledsoe**, *Northwestern University*

1. **A Participatory Action Approach for Client Centered Health Insurance** • **Christine J. Fenenga**, *Amsterdam Institute for Global Health and Development (AIGHD) and University of Groningen*; Edward Nketiah-Amponsah, *Faculty of Economics, Ghana University*; Ajay Bailey, *Population Research Centre, University of Groningen*; Inge Hutter, *University Of Groningen*.
2. **Changing Ethnic Composition in Indonesia: 1930-2010** • **Aris Ananta**, *Institute of Southeast Asian Studies*.
3. **Differentiated effects of social participation components on suicidal ideation across the adult life span in South Korea** • **Chaelin Karen Ra**, *Seoul National University*.
4. **Double Burden of Malnutrition in India: An Investigation** • **Angan Sengupta**, *Institute for Social And Economic Change, Bangalore*; Syamala Thelakkat Mana Sankaranarayanan, *Institute for Social And Economic Change*; Priya Gupta, *Amrita School of Business*.
5. **Effects of the Residential Ethnic Composition on Korean Attitudes toward Foreigners** • **Jisun Min**, *Hanyang University*.
6. **Ethnicity and Maternal Health Care Utilization in Nigeria: The Role of Diversity and Homogeneity** • **Dorothy Ngozi Ononokpono**, *University of the Witwatersrand, Johannesburg*; Clifford Obby Odimegwu, *University of the Witwatersrand*.
7. **Familial Power Relations, Popularity of Female Sterilization and Fertility Decline in Andhra Pradesh: A Cultural Understanding** • **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*; **Deepti Singh**, *International Institute for Population Sciences*.
8. **Intrapartum care among the urban poor in India: analysis of temporal dynamics in decision-making** • **Eleri Jones**, *London School of Economics*.
9. **Language specific mobility difference in Sub-Saharan Africa** • **Reiko Hayashi**, *National Institute of Population and Social Security Research, Japan*.
10. **Language, demography and identity construction in the Basque Country / Langue, démographie et construction identitaire au Pays Basque** • **Jerôme Tourbeaux**, *Université Montesquieu - Bordeaux IV*; Béatrice Valdes, *Université Montesquieu - Bordeaux IV*.
11. **Migration through movies. Twenty years of filmography in Europe** • **Laura Terzera**, *Statistics department, Statistics Faculty, Milano-Bicocca University*; Giulia Rivellini, *Università Cattolica del Sacro Cuore*.
12. **Social Networks and International Migration: a comparative structural analysis with data collected by interviewing and user data from Facebook** • **Leonardo Gomes de Sousa**, *Universidade Federal de Minas Gerais (UFMG)*; Dimitri Fazito, *Federal University of Minas Gerais*; Emerson Augusto Baptista, *Universidade Federal de Minas Gerais (UFMG)*; Carlos Alberto Dias, *University of Vale do Rio Doce*.
13. **The Hispanic Epidemiological and Criminological Paradoxes** • **Fabian Romero**, *Texas A&M*; Dudley L. Poston, *Texas A&M University*; Corey Sparks, *University of Texas San Antonio*.

**Tuesday 27 August / Mardi 27 août**

**12:00 - 13:30**

**Poster Section H Convention Hall Lobby, 3rd Floor**

**Session 039: Poster session on Health, mortality and longevity (1) / Séance poster : Santé, mortalité et longévité (1)**

Chair / Président(e): **France Meslé**, *Institut National d'Études Démographiques (INED)*

1. **The Diagnosis Frequency of Chronic Diseases according to Socio-demographic Characteristics of the Adult Group in Korea** • **Hyung-yun Choi**, *Graduate School of Public Health, Seoul National University*.
2. **A la poursuite de l'OMD 4 au Cameroun: Comprendre les inégalités de mortalité selon le sexe dans la petite enfance** • **Esther Crystelle Eyinga Dimi**, *Bucrep/IFORD*.
3. **Birth Order and Mortality: Evidence from Swedish Register Data** • **Kieron J Barclay**, *Stockholm University*; **Martin Kolk**, *Stockholm University*.
4. **Determinants of full child immunization among 12-23 months old in**  
**ria** • **Funmilayo Adebisi**, *University of the Witwatersrand, Johannesburg*; **Latifat Dasola Gbonjubola Ibisomi**, *University of the Witwatersrand*; **Clifford Obby Odimegwu**, *University of the Witwatersrand*.
5. **Does Health Selection Vary by Education Level for Asian Immigrants in the United States? Evidences from the NIS and the NHIS** • **Ying-Ting Wang**, *University of Texas at Austin*.
6. **Does male out-migration and household structure matter in maternal health services utilization in India?** • **Amit Kumar**, *International Institute for Population Sciences (IIPS)*; **Ram Babu Bhagat**, *International Institute for Population Sciences (IIPS)*.
7. **Exploring Migrant Health in Australia** • **Arusyak Sevoyan**, *University of Adelaide*; **Graeme John Hugo**, *University of Adelaide*.
8. **Geographical disparities of cause-specific under-five mortality rates from 2007 to 2010 in Rufiji District, Tanzania** • **John Steven Noronha**, *Ifakara Health Institute*; **Almamy Malick Kante**, *Columbia University*; **Christine E Chung**, *Columbia University*; **Honorati Masanja**, *Ifakara Health Institute*; **Rose Nathan**, *Ifakara Health Institute, Dar Salaam*; **Mrema Sigilbert**, *Ifakara Health Institute*; **Ahmed Hingora**, *Ifakara Health Institute*; **James F. Phillips**, *Columbia University*.
9. **How informative are vital registration data for estimating maternal mortality? A Bayesian analysis of WHO adjustment data and parameters** • **Fengqing Chao**, *National University of Singapore*; **Leontine Alkema**, *National University of Singapore*.
10. **Influence of family environment on children's physical and mental health: Distinction between perceived and diagnosed health problems** • **Hélène Riberdy**, *Université de Montréal*; **Solène Lardoux**, *Université de Montréal*; **David Pelletier**, *Université de Montréal*.

11. **Long term tobacco smoking increases the risk for mortality but not the rate of aging** • **Yuhui Lin**, *Max Planck Institute for Demographic Research (MPIDR)*; Jutta Gampe, *Max Planck Institute for Demographic Research*; Kaare Christensen, *University of Southern Denmark*; James W. Vaupel, *Max Planck Institute for Demographic Research*.
12. **Mother's Health Knowledge & Practice & their Influence on Childhood Morbidity, Medical Care & Medical Care Expenditure in India** • **Shraboni Patra**, *International Institute for Population Sciences (IIPS)*; Perianayagam Arokiasamy, *International Institute for Population Sciences*; Srinivas Goli, *International Institute for Population Sciences (IIPS)*.
13. **Neonatal Mortality in South Asia - Trends, Differentials and Determinants** • **Manish Singh**, *International Institute for Population Sciences (IIPS)*; Sulabha Parasuraman, *International Institute for Population Sciences*.
14. **Parental migration and health of children left behind** • **Ramesh Adhikari**, *South Asian Institute for Policy Analysis and Leadership (SAIPAL)*.
15. **Racial gap in the Distribution of Body Mass Index in the United States from 1987-2011** • **Li-Chung Hu**, *University of Pennsylvania*.
16. **Suicide mortality among Russian teen: regional and social approach** • **Victorya G. Semyonova**, *Federal Research Institute for Health Organization and Informatics of Ministry of Health and Social Development of Russian Feder*; Tamara P. Sabgayda, *Federal Research Institute for Health Organization and Informatics of Ministry of Health of Russian Federation*; Natalia Gavrilova, *NORC and the University of Chicago*.
17. **The effect of neonatal selection on mortality in the following months** • **Gianpiero Dalla Zuanna**, *University of Padova*; **Alessandra Minello**, *University of Trento*; **Leonardo Piccione**, *Università Di Padova*.
18. **The Effects of Husband's SES on International Marriage Migrant Partner's Health and Life Satisfaction in South Korea** • **Daesung Choi**, *University of Texas at San Antonio*; Myoungsoon You, *Seoul National University*; Youngtae Cho, *Seoul National University*.
19. **Ubiquitous burden: contribution of migration to AIDS/TB mortality in rural South Africa. A population-based surveillance study** • **Mark A Collinson**, *University of the Witwatersrand*; **Philippe Bocquier**, *Université Catholique de Louvain*; **Samuel Clark**, *University of Washington*; **Kathleen Kahn**, *University of the Witwatersrand*; **Stephen Tollman**, *University of the Witwatersrand*.
20. **Under-five survival in Bangladesh: Can Household Decision-Making Autonomy alter the current scenario?** • **Ahbab Mohammad Fazle Rabbi**, *Bangladesh University of Textiles*.
21. **Underestimation of mortality from diabetes in Russia** • **Tamara P. Sabgayda**, *Federal Research Institute for Health Organization and Informatics of Ministry of Health of Russian Federation*.
22. **Whether the Relative Poverty of Women in Childhood and Adult Ages Affect their Disease/Disability Burden in Later Years?** • **Radhey S. Goyal**, *Himgiri Zee University*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 101, Convention Hall, 1st Floor**

**Session 041: Life-course methodology / *Méthodologie biographique***

Chair / Président(e): **Eva Lelievre**, *Institut National d'Études Démographiques (INED)*

1. **Coping with complex individual histories: Comparing life course methods with an application to partnership transitions in Norway** / Coping with complex individual histories: A comparison of life course methods with an application to partnership transitions • **Julia Mikolai**, *University of Southampton*; **Mark J Lyons-Amos**, *University of Southampton*.
2. **The Dataset project: Handling survey data in R** • **Emmanuel Rousseaux**, *University of Geneva*; **Danilo Bolano**, *University of Geneva*; **Gilbert Ritschard**, *University of Geneva*.
3. **The Role of Parental Social Class in the Transition to Adulthood: a Sequence Analysis Approach in Italy and the United States.** / The Role of Parental Social Class in the Transition to Adulthood: a Sequence Analysis Approach in Italy and the United States. • **Maria Sironi**, *University Of Oxford*; **Nicola Barban**, *University Of Groningen*; **Roberto Impicciatore**, *Università degli Studi Di Milano*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 102, Convention Hall, 1st Floor**

**Session 042: Education and fertility / *Education et fécondité***

Chair / Président(e): **Teresa Martin Garcia**, *Spanish Council for Scientific Research*

1. **Fertility intentions of highly educated men and women and the rush hour of life** • **Buber-Ennsler Isabella**, *Wittgenstein Centre (IIASA, VID(OEAW, WU))*; **Ralina Panova**, *Federal Institute for Population Research, Germany*; **Jürgen Dorbritz**, *Federal Institute for Population Research*.
2. **The Educational Gradient of Low Fertility in Latin America** • **Eduardo L. G. Rios-Neto**, *CEDEPLAR - Universidade Federal de Minas Gerais*; **Raquel Guimarães**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
3. **The impact of schooling on teenage fertility, age at marriage and contraception use: Evidence from compulsory education in Peru** • **Ana Mylena Aguilar Rivera**, *The World Bank*.
4. **Varying effect of educational attainment on second births in 28 European countries** • **Martin Klesment**, *Estonian Institute for Population Studies, Tallinn University*; **Allan Puur**, *Tallinn University*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 103, Convention Hall, 1st Floor**

**Session 043: Crisis mortality: documenting the effects of conflict, famines and natural disasters / *Mortalité de crise : comment étudier les effets des conflits, des famines et des catastrophes naturelles***

Chair / Président(e): **Helge Brunborg**, *Statistics Norway*

1. **Le profil par sexe et âge de la mortalité violente dans les conflits récents** • **Christophe Bergouignan**, *Université Montesquieu-Bordeaux IV*; **Khalid Eljim**, *Université Montesquieu, Bordeaux IV*; **Claire Kersuzan**, *Université Montesquieu - Bordeaux IV*; **Paskall Genevois-Malherbe**, *Université Montesquieu - Bordeaux IV*.
2. **The D R Congo conflict (1998-2004): Assessing excess deaths based on war and non-war scenarios** • **Richard Kapend**, *University of Southampton*; **Andy Hinde**, *University of Southampton*; **Jakub Bijak**, *University of Southampton*.
3. **The Stagnation of the Mexican Life Expectancy in the First Decade of the Twenty First Century: The Impact of Violent Deaths.** • **Vladimir Canudas-Romo**, *University of Southern Denmark*; **Víctor Manuel García-Guerrero**, *El Colegio de Mexico, Mexico*.
4. **War biographies: Human rights violations during the 1991-2002 Sierra Leone civil conflict** • **Amie Kamanda**, *University of Southampton*; **Jakub Bijak**, *University of Southampton*; **Sabu Padmadas**, *University of Southampton*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 104, Convention Hall, 1st Floor**

**Session 044: Understanding the global rise in cohabitation / *Comprendre l'augmentation généralisée de la cohabitation***

Chair / Président(e): **Salome Wawire**, *Independent Consultant*

Discussant: **Jeroen J.A. Spijker**, *University of Edinburgh*

1. **The second demographic transition in Cameroon: the dynamics and impact of common law partnerships on the population's demographic and social characteristics / *Deuxième transition démographique au Cameroun : Dynamique de l'union libre et impact sur les caractéristiques démographiques et sociales de la population*** • **Lucile Djianou Kamga**, *Bureau Central Des Recensements Et Des Etudes De Population*.
2. **Family formation in Uruguay: pre-marriage cohabitation, cohabiting unions and marriage** • **Wanda Cabella**, *Facultad de Ciencias Sociales, Universidad de La República*; **Mariana Fernández Soto**, *Facultad de Ciencias Sociales-Universidad de la República*.
3. **To cohabit or to marry? Insights from focus group research in 9 countries in Europe and Australia** • **Brienna Perelli-Harris**, *University of Southampton*; **Daniele Vignoli**, *University of Florence*; **Ann Berrington**, *University of Southampton*; **Olga G. Isupova**, *Higher*

*School of Economics, Moscow; Ann Evans, Australian National University; Trude Lappégard, Statistics Norway; Monika Mynarska, Institute of Psychology, Cardinal Stefan Wyszyński University in Warsaw; Andreas Klaerner, University of Rostock; Katrin Fliegenschnee, Vienna Institute of Demography; Renske Keizer, Netherlands Interdisciplinary demographic Institute.*

4. **Understanding the Continuity and Change of Cohabitation in Mexico: Same as Before or Different Anew?** • **Julieta Perez Amador**, *El Colegio De Mexico*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 105, Convention Hall, 1st Floor**

**Session 045: New perspectives on migration determinants / *Nouvelles approches sur les déterminants de la migration***

Chair / Président(e): **Ellen Percy Kraly**, *Colgate University*

1. **Debt as Entrapment or Strategy?: Livelihood Strategies and Patterns of Remittance Use amongst Transnational Families in Thailand** • **Brenda SA Yeoh**, *Asia Research Institute*; **Grace HY Baey**, *Asia Research Institute*; **Dhiman Das**, *Asia Research Institute*; **Aree Jampaklay**, *Mahidol University*.
2. **Long-term determinants of Latin American migration. A macro panel study for the period 1975-2010** • **Victoria Prieto**, *Universidad de la Republica*; **Joaquin Recaño-Valverde**, *Universitat Autònoma de Barcelona*.
3. **Race, Religion and Skilled Labour Immigration: The Case of Malaysia** • **Tan Chuie Hong**, *Multimedia University*.
4. **The same but different? A cross-national comparison of internal and international migration aspirations.** • **Evelyn Ersanilli**, *University Of Oxford*; **Jorgen Carling**, *Peace Research Institute Oslo*; **Hein De Haas**, *International Migration Institute University of Oxford*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 106, Convention Hall, 1st Floor**

**Session 046: Indirect methods of mortality and fertility estimation: new techniques for new realities / *Méthodes indirectes d'estimation de la mortalité et de la fécondité : de nouvelles techniques pour de nouvelles réalités***

Chair / Président(e): **Ian Manfred Timaeus**, *London School of Hygiene and Tropical Medicine (LSHTM)*

Discussant: **Rob E Dorrington**, *University of Cape Town*

1. **Using census data to estimate old-age mortality for developing countries** • **Nan Li**, *United Nations Population Division*; **Patrick Gerland**, *United Nations Population Division (Population Estimates and Projections Section)*.

2. **Estimating age specific mortality: a new model life table system with flexible standard mortality schedules** • Haidong Wang, *University of Washington*; Alan D Lopez, *University of Queensland*; Christopher Murray, *University of Washington*.
3. **Levels, Patterns and Trends of Male Fertility in Sub-Saharan Africa. What can we learn from Demographic and Health Surveys?** • Bruno Schoumaker, *Université Catholique de Louvain*.
4. **The own-children estimates of fertility applied to the 2011 Iran Census and the 2010 Iran-MIDHS: An evaluation** • Mohammad Jalal Abbasi-Shavazi, *University of Tehran and Australian National University*; Meimanat Hossein Chavoshi, *Australian National University*; Banihashemi Faribasadat, ; Ardashir Khosravi, *Iran Ministry of Health*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 107, Convention Hall, 1st Floor**

**Session 047: National transfer accounts and what they reveal about patterns of intergenerational transfers / *Les Comptes de transfert nationaux nous renseignent-ils sur les formes de transferts intergénérationnels ?***

Chair / Président(e): Andrew Mason, *University of Hawaii At Manoa*

1. **Children, adults and the elderly in the Great Recession: an economic atlas of the US by age** • Gretchen S Donehower, *University of California, Berkeley*.
2. **Evolution of economic transfers between age groups before the crisis in Spain (2000-2008): who were the losers and winners from the pre-crisis “euphoria”?** • Concepció Patxot, *Universitat de Barcelona*; Elisenda Rentería, *Universitat de Barcelona*; Guadalupe Souto, *Universitat Autònoma de Barcelona*.
3. **Care for money? - Mortality improvements, increasing intergenerational transfers and time use for the elderly.** • Tobias C Vogt, *Max Planck Institute for Demographic Research (MPIDR)*; Fanny Kluge, *Max Planck Institute for Demographic Research*.
4. **To give or not to give a bequest: Bequest estimate and wealth impact based on a CGE model with realistic demography in Japan** • Miguel Sanchez Romero, *Max Planck Institute for Demographic Research (MPIDR)*; Naohiro Ogawa, *Nihon University*; Rikiya Matsukura, *Nihon University*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 108, Convention Hall, 1st Floor**

**Session 048: Policy implications of the multidimensional nature of poverty / *Les implications politiques de la nature multidimensionnelle de la pauvreté***

Chair / Président(e): Jean François Kobiane, *Université de Ouagadougou*

1. **Background Risk of Food Insecurity and Insurance Behaviour: Evidence from the West Bank** • Luca Pieroni, *University of Perugia*.
2. Gender and extreme poverty in Morocco / **Genre et grande pauvreté au Maroc** • Mohamed Sebti, *Université Cadi Ayyad de Marrakech*; Patrick Festy, *Institut National d'Études Démographiques (INED)*.
3. **Health Card and Health Care Facilities Demand Among the Indonesian** • Maliki Maliki, *National Development Planning Agency*.
4. **Pathway from Nutrition status to household income among elementary workers in India** • Faujdar Ram, *International Institute for Population Sciences (IIPS)*; Kaushalendra Kumar, *International Institute For Population Sciences (IIPS), Mumbai, India*; Abhishek Singh, *International Institute for Population Sciences (IIPS)*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 109, Convention Hall, 1st Floor**

**Session 049: The determinants of health behaviours among adolescents / Déterminants des comportements de santé chez les adolescents**

Chair / Président(e): **Dela Kusi-Appouh**, *Population Council*

1. **Determinants of Adolescent Vulnerability to Early Marriage and Early Sexual Debut in the Context of HIV and AIDS** • Priscilla Atwani Idele, *UNICEF*; Livia Montana, *University of North Carolina at Chapel Hill*; Chiho Suzuki, *United Nations Children's Fund (UNICEF)*; Rachel Yates, *UNICEF NY*; Patricia Lim Ah Ken, *UNICEF NY*; Turgay Ünal, *UNICEF*; Luong Y Nguyen, *UNICEF NY*; Attila Hancioglu, *UNICEF NY*.
2. **Self-reported reproductive tract infections and Treatment Seeking Behaviour among Married Adolescent Women in India** • Ranjan Kumar Prusty, *International Institute for Population Sciences (IIPS)*; Sayeed Unisa, *International Institute for Population Sciences (IIPS)*.
3. **Socioeconomic Disparities in Maternity Care among Indian Adolescents, 1990-2006** • Lucky Singh, *International Institute for Population Sciences (IIPS)*; Chandan Kumar, *Indian Institute of Technology Roorkee*; Prashant Singh, *International Institute for Population Sciences (IIPS)*; Rajesh Kumar Rai, *Tata Institute of Social Sciences (TISS)*.
4. **Violence at home and community: Young men becoming perpetrators of non-consensual sex and spousal violence in India "Finding the missing link"** • Aparna Mukherjee, *International Institute for Population Sciences (IIPS)*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 110, Convention Hall, 1st Floor**

**Session 050: Gender and population: policy and policy outcomes / *Genre et population : les politiques publiques et leurs résultats***

Chair / Président(e): **Alaka Basu**, *Cornell University*

1. **Gender and development: exploring the successes and limitations of gender mainstreaming as a strategy** • **Sangeeta Kumari**, *International Institute for Population Sciences (IIPS)*.
2. **Gender and Reproductive Outcomes: The Effect of a Radio Serial Drama in Northern Nigeria** • **Fatou Jah**, *Population Media Center*; **Kriss Barker**, *Population Media Center*.
3. **Economic activity measures and gender relations in Cameroon / Mesure de l'activité économique et relations de genre au Cameroun** • **Théophile Armand Fopa Diesse**, *Institut de formation et de Recherche Démographiques (IFORD)*.
4. **Social Changes and the Gender-Environment Nexus in Contemporary Rural China: Evidence from an Inner Mongolian Village** • **Yukun Hu**, *Peking University*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 051: Evaluation of maternal & child health policies, programmes and services / *L'évaluation des politiques, des programmes et des services de santé maternelle et infantile***

Chair / Président(e): **Sian Curtis**, *University of North Carolina at Chapel Hill*

1. **Cash or Quality? Impact of Public Policies on Use of Maternal Care in India** • **Sonalde Desai**, *University of Maryland & National Council of Applied Economic Research, New Delhi*; **Reeve Vanneman**, *University of Maryland*.
2. **Quality of Maternal Health Services and their Utilization in Five States of India** • **Anastasia Gage**, *Tulane University*; **Onyebuchi V Ilombu**, *Independent Consultant*; **Akanni Ibukun Akinyemi**, *Obafemi Awolowo University, Ile Ife*.
3. **The Influence of Social Health Protection Mechanisms and Community Level Factors on Facility Delivery and Antenatal Care Use in Cambodia: A Multilevel Modeling Approach** • **Ashish Bajracharya**, *Population Council*; **Antonia Dingle**, *London School of Hygiene and Tropical Medicine*; **Ben Bellows**, *Population Council*.
4. **What works - what does not work for pay-for-performance models for maternal health program- Experience from an operations research in Bangladesh** • **Laila Rahman**, *University of Toronto*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 052: Evaluation of family planning and reproductive health programmes / *Evaluation des programmes de planification familiale et de santé de la reproduction***

Chair / Président(e): **Janine Barden-O'Fallon**, *University of North Carolina at Chapel Hill*

1. **Family Planning and Fertility: Estimating Program Effects using Cross-sectional Data** • **Claus C Portner**, *Seattle University*; Kathleen Beegle, *World Bank*; Luc Christiaensen, *World Bank*.
2. **Impact of education on greater contraceptive use in Central and West Africa: an evaluation of family planning programmes / La portée de l'éducation dans les progrès en utilisation de la contraception en Afrique Centrale et de l'Ouest : une évaluation des programmes de planification familiale** • **Nadège Chouapi Kouam Dzutseu**, *Iford*.
3. **The effect of program exposure on the validity of contraceptive use as an indicator of family planning service impact in northern Ghana** • **Elizabeth Jackson**, *Columbia University Mailman School of Public Health*; Ayaga A. Bawah, *Columbia University*; Colin Baynes, *Columbia University/Ifakara Health Institute*; John E. Williams, *Navrongo Health Research Centre*; James F. Phillips, *Columbia University*.
4. **Assessing abortion providers' knowledge, attitude, and practice after the R3M program in Ghana** • **Fatima Juarez**, *El Colegio De Mexico*; Aparna Sundaram, *Guttmacher Institute*; Clement Ahiadeke, *University of Ghana*; Susheela D Singh, *Guttmacher Institute*; Nakeisha Blades, *Guttmacher Institute*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 053: Age patterns of adult mortality in relation to causes of death and increasing longevity / *Profil par âge de la mortalité adulte en lien avec les causes de décès et l'augmentation de la longévité***

Chair / Président(e): **Siu Lan Karen Cheung**, *The University of Hong Kong*

Discussant: **Jean-Marie Robine**, *Institut National de la Santé et de la Recherche Médicale (INSERM)*

1. **A Decomposition of Black-White Differences in the Rate of Age-Related Mortality Increase** • **Andrew Fenelon**, *Brown University*.
2. **Insights on longevity: An analysis of the modal life span by leading causes of death in Canada** • **Viorela Diaconu**, *Université de Montréal*; Robert Bourbeau, *Université de Montréal*; Nadine Ouellette, *University of California, Berkeley*; Carlo Giovanni Camarda, *Institut National d'Études Démographiques (INED)*.

3. **Is a limit to the median length of human life imminent?** • Joel E. E Cohen, *Rockefeller University*; Jacob N Oppenheim, *The Rockefeller University*.
4. **The role of smoking on mortality compression: an analysis of Finnish occupational social classes, 1971-2010** • Alyson Van Raalte, *Max Planck Institute for Demographic Research*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*; Pekka Martikainen, *University of Helsinki*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 054: Policy response to the lowest-low fertility in the Asia-Pacific region / Réponse politique à la très faible fécondité dans la région Asie-Pacifique**

Chair / Président(e): **Kwang-Hee Jun**, *Chungnam National University*

1. **China's Low Fertility and Policy Response** • Zhigang Guo, *Peking University*.
2. **Japan's Low Fertility and Policy Interventions** • Toru Suzuki, *National Institute of Population and Social Security Research*.
3. **Pronatalist Fringe Benefits and Its Policy Implication in South Korea** • Seulki Choi, *KDI School of Public Policy and Management*.
4. **Ultra-Low Fertility, Gender Equity and Policy Considerations?** • Edward Chow-Ching Tu, *Hong Kong University of Science and Technology*.

**Tuesday 27 August / Mardi 27 août**

**13:30 - 15:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 055: The Madrid International Plan of Action on Ageing: Where are we ten years later? / Le Plan d'action international de Madrid sur le vieillissement : Où en sommes-nous dix ans après ?**

Chair / Président(e): **Ann M. Pawliczko**, *United Nations Population Fund (UNFPA)*

Discussant: **François M. Farah**, *United Nations Population Fund (UNFPA)*

1. **United Nations Economic and Social Commission for Asia and the Pacific (ESCAP)** • Srinivas Tata, *ESCAP*.
2. **United Nations Economic and Social Commission for Western Asia (ESCWA)** • Frederico Neto, *ESCWA*
3. **United Nations Economic Commission for Africa (ECA)** • TBD
4. **United Nations Economic Commission for Europe (UN ECE)**. • Vitalija Gaucaite Wit-tich, *UN Economic Commission for Europe*.

5. **United Nations Economic Commission for Latin America and the Caribbean (ECLAC)** • FAIJER Dirk J. Jaspers, *UN-ECLAC*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 101, Convention Hall, 1st Floor**

**Session 056: Assessing HIV risk in hard-to-reach populations / *L'évaluation du risque VIH auprès de populations difficiles à atteindre***

Chair / Président(e): Sara Hertog, *United Nations*

1. **Homosexuality and male prostitution in Côte d'Ivoire: the situation in young people under 25 / Homosexualité et prostitution masculine en cote d'ivoire : la situation chez les jeunes de moins de 25 ans** • Elise Amino Kacou, *Ecole Nationale de Statistique et d'économie appliquée*; Glebelho Lazare Sika, *ENSEA*.
2. **Network coverage in Respondent Driven Sampling** • M Giovanna Merli, *Duke University*; James Moody, *Duke University*; Jeff Smith, *Duke University*; Ashton M Verdery, *University of North Carolina at Chapel Hill*; Jing Li, *Duke University*; Sharon Weir, *University of North Carolina Chapel Hill*; Xiangsheng Chen, *China Center for STD Control*.
3. **Transactional Sex Risk across a Typology of Rural and Urban Female Sex Workers in Indonesia: A Mixed Methods Study** • Dewi Ismajani Puradiredja, *London School of Hygiene and Tropical Medicine (LSHTM)*.
4. **"Laugh at poverty, not at prostitution": a mixed methods study of the drivers of HIV among male sex workers in China** • Paul Bouanchaud, *London School of Economics and Political Science (LSE)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 102, Convention Hall, 1st Floor**

**Session 057: Economic and cultural factors influencing fertility preferences / *Les facteurs économiques et culturels qui influencent les préférences de fécondité***

Chair / Président(e): Tomas Sobotka, *Vienna Institute of demography*

1. **When a poor index becomes a good proxy: on the predictive value of individual fertility preferences at the cohort macro-level** • Eva Beaujouan, *Wittgenstein Centre: Vienna Institute of Demography, Austrian Academy of Science*; Laurent Toulemon, *Institut National d'Études Démographiques (INED)*.
2. **The impact of atypical working hours on fertility intentions** • Ivan Čipin, *University Of Zagreb, Department Of Demography*; Petra Medimurec, *University of Zagreb*.

3. **Flexibility, security or nothing? Women's job characteristics and fertility in**  
**sia** • Oxana V. Sinyavskaya, *Higher School of Economics*; **Sunnee Billingsley**, *Stockholm*  
*University*.
4. **The impact of son preference on fertility behavior in the West Bank and Gaza**  
**Strip** • **Weeam Hammoudeh**, *Brown University*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 103, Convention Hall, 1st Floor**

**Session 058: Demographic effects of famines / *Les effets démographiques des famines***

Chair / Président(e): **Jon Pedersen**, *Fafo*

1. **A New Approach to Indirect Estimation of Crisis Mortality Associated with Armed Conflict & Famine** • **Romesh Silva**, *University of California, Berkeley*.
2. **A study of population change led by China's great famine (1958-1961): based on modified Lee-Carter model** • **Hong Mi**, *Institute of Population and Development, Zhejiang University*; **Mingxu Yang**, *Institute of Population and Development, Zhejiang University*; **Ning Jia**, *Institute of Population and Development*.
3. **Short and long-term impacts of famines. The case of the siege of Paris, 1870-1871** • **Denis Cogneau**, *PSE-IRD*; **Lionel Kesztenbaum**, *Institut National d'Études Démographiques (INED)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 104, Convention Hall, 1st Floor**

**Session 059: The meaning of cohabitation / *La signification de la cohabitation***

Chair / Président(e): **Benoît Laplante**, *Institut National de la Recherche Scientifique (INRS)*

1. **Grasping the diversity of cohabitation: Fertility intentions among cohabiters across Europe** • **Nicole Hiekel**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*; **Teresa Castro Martin**, *Consejo Superior de Investigaciones Científicas (csic)*.
2. **Non-marital cohabitation in the census questionnaires worldwide** • **Jeroen J.A. Spijker**, *University of Edinburgh*; **Albert Esteve Palos**, *Centre d'Estudis Demogràfics*; **Teresa Antònia Cusidó-Vallverdú**, *Centre d'Estudis Demogràfics, Autonomous University of Barcelona*; **Robert McCaa**, *Minnesota Population Center*.
3. **Variation in the intersection between partnership and fertility: A comparison across 3 cohorts in 16 countries** • **Mark J Lyons-Amos**, *University of Southampton*; **Brienna Perelli-Harris**, *University of Southampton*.

4. **“Come We Stay”: Changes in Family, Marriage and Fertility in Western and Coastal Kenya** • **Salome Wawire**, *Independent Consultant*; An-Magritt Jensen, *Norwegian University of Science And Technology (ntnu)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 105, Convention Hall, 1st Floor**

**Session 060: The effects of migration on areas of destination / *L'impact des migrations sur les pays de destination***

Chair / Président(e): **Irina Ivakhnyuk**, *Moscow State Lomonosov University*

1. **International graduates and the region - the example of gen/Germany** • **Rebecca Tlatlik**, *University of Kassel*; **Beatrice Knerr**, *University of Kassel*.
2. **Interprovincial migration of Canadian immigrants** • **Barry Edmonston**, *University of Victoria*; **Sharon M Lee**, *University of Victoria*; **Zheng Wu**, *University of Victoria*.
3. **Understanding the Fertility Convergence of Migrant Generations** • **Ben Wilson**, *London School of Economics and Political Science (LSE)*.
4. **Migrant laborers, spouses and the spread of HIV/AIDS in rural Mozambique** • **Ines Macamo Raimundo**, *Eduardo Mondlane University*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 106, Convention Hall, 1st Floor**

**Session 061: Advances in life table analysis / *Avancées dans l'analyse des tables de survie***

Chair / Président(e): **Aline Desesquelles**, *Institut National d'Études Démographiques (INED)*

Discussant: **Carlo Giovanni Camarda**, *Institut National d'Études Démographiques (INED)*

1. **Revisiting Construction of Period Life Tables** • **Qingfeng Li**, *Johns Hopkins Bloomberg School of Public Health*; **Stan Becker**, *Johns Hopkins University*.
2. **Intercensal life tables consistent with population projections** • **Jeronimo Oliveira Muniz**, *Universidade Federal de Minas Gerais (UFMG)*.
3. **The Maximized Inner Rectangle Approach (MIRA) -- Disentangling Rectangularization** • **Marcus Ebeling**, *Max Planck Institute for Demographic Research (MPIDR)*; **Roland Rau**, *University of Rostock*; **Annette Baudisch**, *Max Planck Institute for Demographic Research*.
4. **The Modified Orphanhood Method: Potentials And Limitations** • **Marc Luy**, *Wittgenstein Centre (IIASA, VID/OEAW, WU)*; **Angela Wiedemann**, *Wittgenstein Centre (IIASA, VID/OEAW, WU)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 107, Convention Hall, 1st Floor**

**Session 062: Intergenerational transfers over time and space / *Les transferts intergénérationnels dans le temps et dans l'espace***

Chair / Président(e): **Elisenda Rentería**, *Universitat de Barcelona*

Discussant: **Mun Sim Lai**, *United Nations Population Division*

1. **Real wage and labor supply in a quasi life-cycle framework: a macro compression by Swedish National Transfer Accounts 1985-2003** • **Haodong Qi**, *Centre for Economic Demography, Lund University*.
2. **Reallocation of resources across age in a comparative European setting** • **Bernhard Hammer**, *Vienna University of Technology*; **Alexia Fuernkranz-Prskawetz**, *Vienna University of Technology*; **Inga Freund**, *Vienna University of Technology*.
3. **Intergenerational Transfers and the Expansion of the South African Welfare State, 1995-2005** • **Morne Oosthuizen**, *Development Policy Research Unit*.
4. **Adding unpaid work to the National Transfer Accounts for Slovenia** • **Joze Sambt**, *University of Ljubljana, Faculty of Economics*; **Janez Malacic**, *University of Ljubljana*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 108, Convention Hall, 1st Floor**

**Session 063: The relevance of population for the achievement of the Millennium Development Goals / *La pertinence de la variable population pour la réalisation des Objectifs du Millénaire pour le développement***

Chair / Président(e): **John Cleland**, *London School of Hygiene and Tropical Medicine (LSHTM)*

1. **Are countries achieving the Millennium Development Goals?** • **Iñaki Permanyer**, *Centre d'Estudis Demografics*.
2. **Education in sub-Saharan Africa: A New Look at the Effects of the Number of Siblings** • **Oystein Kravdal**, *University of Oslo*; **Ivy Kodzi**, *African Population and Health Research Center (APHRC)*.
3. **Maternal and Child Mortality Indicators across 187 countries in the World: Converging or Diverging** • **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*.
4. **Population growth, agricultural land use change and implication for food security in Meghalaya plateau, India** • **Rabi Narayan Behera**, *North-Eastern Hill University (Nehu)*; **Debendra Kumar Nayak**, *North-Eastern Hill University*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 109, Convention Hall, 1st Floor**

**Session 064: Adolescent health, risk behaviours, and mortality / *Santé, comportements à risque et mortalité des adolescents***

Chair / Président(e): **Dela Kusi-Appouh**, *Population Council*

1. **A multilevel analysis of factors affecting maternal care utilization among adolescent mothers in Urban India, 2007-08** • **Aditya Singh**, *University Of Portsmouth*.
2. **Adolescent Internet Use and its Relationship to Cigarette Smoking and Alcohol Use in Taiwan: Findings from a Cohort Study** • **Chi Chiao**, *National Yang-Ming University*; **Chin-Chun Yi**, *Institute of Sociology, Academia Sinica*.
3. **Determinants of adolescent mortality in South Africa, 2006 -2009** • **Nicole De Wet**, *University of the Witwatersrand*.
4. **Risk Behaviour Among High School Adolescents in the North West Province, South Africa** • **Ishmael Kalule-Sabiti**, *North West University*; **Acheampong Yaw Amoateng**, *North West University*; **Yaw Johnson Arkaah**, *North-West University (Mafikeng Campus)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 110, Convention Hall, 1st Floor**

**Session 065: Education and labour force / *Education et emploi***

Chair / Président(e): **Cynthia Lloyd**, *Population Council*

1. **Race Inequality in Education and Earnings in Brazil and South Africa** • **Leticia Marteleto**, *University of Texas at Austin*; **Caitlin Hamrock**, *University of Texas at Austin*.
2. **Education, Labor Earnings and the Decline of Income Inequality in Brazil / Éducation, revenus du travail et le déclin de l'inégalité de revenus au Brésil** • **Sonia Rocha**, *Instituto de Estudos do Trabalho e Sociedade*.
3. **Educational Differentials and Mechanisms in Married Women's Labor Force Transitions in Japan** • **So-jung Lim**, *Utah State University*; **James Raymo**, *University of Wisconsin at Madison*.
4. **Geographic distribution of talent in urban Mexico and its expression in patterns of specialization and / or diversification.** • **Elvia Martinez-Viveros**, *CENTRO DE INVESTIGACION EN GEOGRAFIA Y GEOMATICA ING JORGE L TAMAYO A.C.*; **Rodrigo Tapia-McClung**, *Centro de Investigación en Geografía y Geomática (Ing. Jorge L. Tamayo), A.C.*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 066: Maternal mortality: measurement and causes / *Mortalité maternelle : mesure et causes***

Chair / Président(e): **Jacob Adetunji**, *U.S. Agency for International Development (USAID)*

Discussant: **Shea Oscar Rutstein**, *ICF International, Inc.*

1. **A re-examination of estimates and causes of maternal mortality for South Africa with particular focus on provincial levels** • **Eric O Udjo**, *University of South Africa*; **Pinky Lalthapersad-Pillay**, *University of South Africa*.
2. **Towards harmonization of maternal mortality estimates in Latin America. Findings of the pilot study on eight countries.** / Vers l'harmonisation des estimations de la mortalité liée à la maternité en Amérique Latine. Résultats de l'étude pilote sur huit • **Maria-Isabel Cobos**, *UN Economic Commission for Latin America and the Caribbean (ECLAC / CEPAL)*; **Magda Teresa Ruiz-Salguero**, *Universidad Externado de Colombia*.
3. **What Caused, the decline in Maternal Mortality in India? Evidences from Time Series and Cross Sectional Analyses** • **Abdul Jaleel Chirutha Paramban**, *International Institute for Population Sciences (IIPS)*; **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 067: Evaluation of Family Planning/Reproductive Health policy / *L'évaluation des politiques de planification familiale et de santé de la reproduction***

Chair / Président(e): **Janine Barden-O'Fallon**, *University of North Carolina at Chapel Hill*

1. **Linking Policies to Reproductive Health Programs and Outcomes: The Importance of the Policy Implementation Space** • **Karen Hardee**, *Futures Group*; **Laili Irani**, *Population Reference Bureau (PRB)*; **Mariela Rodriguez**, *Futures Group*.
2. **Evaluating the Impact of Abortion Restrictions and Drastic Budget Cuts for Family Planning in Texas** • **Joseph E Potter**, *University of Texas at Austin*; **Kristine Hopkins**, *University of Texas at Austin*; **Kari White**, *University of Alabama At Birmingham*; **Daniel Grossman**, *Ibis Reproductive Health*; **Amanda J Stevenson**, *The University of Texas at Austin*; **Celia Hubert Lopez**, *University of Texas at Austin*; **Abigail R.A. Aiken**, *University of Texas at Austin*.
3. **Policy on reproductive health care for ethnic minorities in Vietnam: legal documents and its realization** • **Bich Ngoc LUU**, *Institute for Population And Social Studies*; **Thi Thieng Nguyen**, *institut de population et la societe studies de universite nationale*

*economique (IPSS-NEU); Thi Hanh Bui, Institute for Population and Social Studies - The National Economics University.*

4. **The role of political will and commitment in improving access to family planning – Case studies from Eastern and Southern Africa** • Violet I Murunga, *African Institute for Development Policy (AFIDEP)*; Ruth N Musila, *African Institute for Development Policy (AFIDEP)*; Rose N Oronje, *University of Sussex*; Eliya Msiyaphazi Zulu, *African Institute for Development Policy (AFIDEP)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 068: Extended longevity. Observation and methods / Grande longévité.**

***Observation et méthodes***

Chair / Président(e): **Robert Bourbeau**, *Université de Montréal*

Discussant: **Roland Rau**, *University of Rostock*

1. **Le dernier mois de l'existence : les lieux de la fin de vie et de la mort en France** • Sophie Pennec, *Institut National d'Études Démographiques (INED)*; Alain Monnier, *Institut national d'études démographiques*; Joëlle Gaymu, *Institut National d'Études Démographiques (INED)*; Françoise Riou, *CHU Rennes et Université de Rennes I*; Silvia Pontone, *CHU Robert Debré (AP-HP) et INED*; Aubry Régis, *CHU Besançon et Observatoire national de la fin de vie.*
2. **Modal Age at Adult Death : Lifespan Indicator in the Era of Longevity** • Shiro Horiuchi, *Cuny Institute for Demographic Research*; Nadine Ouellette, *University of California, Berkeley*; Siu Lan Karen Cheung, *The University of Hong Kong*; Jean-Marie Robine, *Institut National de la Santé et de la Recherche Médicale (INSERM)*.
3. **The senescence of generations across time and space** • Gustavo De Santis, *University of Florence*; Giambattista Salinari, *University of Sassari (Italy)*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 069: Socioeconomic development and demographic change in South Korea / Développement socio-économique et évolution démographique en Corée du Sud**

Chair / Président(e): **Lee Jay Cho**, *Northeast Asia Economic Forum*

1. **Population and economic growth in the Republic of Korea** • Ronald D. Lee, *University of California, Berkeley*; Andrew Mason, *University of Hawaii At Manoa*.
2. **South Korea's remarkable half century of demographic and human capital growth: what of the future?** • Gavin W. Jones, *National University of Singapore*.

3. **South Korea's Transition from Developmental to Post-Developmental Regime of Demographic Changes** • **Kyung-Sup Chang**, *Seoul National University*.

**Tuesday 27 August / Mardi 27 août**

**15:30 - 17:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 070: Distance-based training tools for population science / *Des outils de formation à distance pour les sciences de la population***

1. **Tools for demographic estimation** • **Tom Moultrie**, *University of Cape Town*.
2. **Population Analysis for Policies and Programmes** • **Lynda Clarke**, *London School of Hygiene And Tropical Medicine*.
3. **Toward an harmonized second edition of the Multilingual Demographic Dictionary: the Demopædia project** • **Nicolas Brouard**, *Institut National d'Études Démographiques (INED)*.
4. **Demography Video Series** • **James Carey**, *University of California*.

**Tuesday 27 August / Mardi 27 août**

**17:30 - 19:00**

**Grand Ballroom, Convention Hall Lobby, 3rd Floor**

**Session 071: UNFPA Plenary: Population in the post-2015 Development Agenda / *Séance plénière de l'UNFPA : La population dans le programme de développement post-2015***

Chair / Président(e): **Babatunde Osotimehin**, *UNFPA*

1. **Demographic trends and implications for development**, **John Bongaarts**, *Population Council*
  2. **Demographic trends in the context of the global thematic consultation on population dynamics**, **John Wilmoth**, *United Nations Population Division*
  3. **Linkages between population and sustainable development in the Post-2015 Development Agenda**, **Monica Das Gupta**, *University of Maryland*
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**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 101, Convention Hall, 1st Floor**

**Session 072: Mortality decline in developing countries and its theoretical implications / Baisse rapide de la mortalité dans les pays en développement et implications théoriques**

Chair / Président(e): **Zhongwei Zhao**, *Australian National University*

1. **Changes in longevity and health status in Kerala: Are they leading to the advanced stage?** • **Benson Thomas M**, *Institute for Social And Economic Change*; Kuriath James, *Institute for Social And Economic Change*.
2. **Old age mortality in Eastern and South-Eastern Asia** • **Danan Gu**, *United Nations*; Patrick Gerland, *United Nations Population Division (Population Estimates and Projections Section)*; Kirill Andreev, *United Nations Population Division (Population Estimates and Projections Section)*; Nan Li, *United Nations Population Division*; Thomas Spoorenberg, *United Nations Population Division*; Gerhard Heilig, *United Nations, Population Division*.
3. **Causes of Death and Mortality Transition in India** • **Suryakant Yadav**, *Indicus Analytics Pvt. Ltd.*; Perianayagam Arokiasamy, *International Institute for Population Sciences*.
4. **Does proximity to health facilities improve child survival? New evidence from a longitudinal study in rural Tanzania** • **Almamy Malick Kante**, *Columbia University*; Stephane Helleringer, *Columbia University*; Sigilbert Mrema, *Ifakara Health Institute - IHI*; Francis Levira, *Ifakara Health Institute - IHI*; Honorati Masanja, *Ifakara Health Institute - IHI*; Rose Nathan, *Ifakara Health Institute, Dar Salaam*; John Steven Noronha, *Ifakara Health Institute*; Christine E Chung, *Columbia University*; Amon Exavery, *Ifakara Health Institute*; Ahmed Hingora, *Ifakara Health Institute - IHI*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 102, Convention Hall, 1st Floor**

**Session 073: Disentangling individual, familial and contextual factors influencing fertility / Démêler les facteurs individuels, familiaux et contextuels influençant la fécondité**

Chair / Président(e): **Maria Letizia Tanturri**, *University of Padua*

1. **Contextual Conditions and Childbearing in Cohabitation across Europe** • **Trude Lappegard**, *Statistics Norway*; Sebastian Klusener, *Max Planck Institute for Demographic Research*; Daniele Vignoli, *University of Florence*.
2. **The Problematic Process of Family Formation in Italy. A Comparison Before and After the Beginning of the Global Crisis** • **Emiliano Sironi**, *Catholic University (Milan, Italy)*;

Alessandro Rosina, *Catholic University Milan*; **Giulia Rivellini**, *Università Cattolica del Sacro Cuore*.

3. **Family Background, Childhood Disadvantage, and Unintended Fertility** • **Dohoon Lee**, *New York University*; Paula S England, *New York University*.
4. **Regional analysis of community context of African fertility change** • **Clifford Obby Odimegwu**, *University of the Witwatersrand*; Sunday A Adedini, *University of the Witwatersrand, South Africa & Obafemi Awolowo University, Nigeria*; Nkechi C Obisie-Nmehielle, *International Organization for Migration (IOM)*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 103, Convention Hall, 1st Floor**

**Session 074: Same-sex unions and families / Unions homosexuelles et familles**

Chair / Président(e): **Nicolas Belliot**, *Université de Bordeaux*

1. **Same-sex couples and same-sex unions in Europe** • **Maks Banens**, *Université Lyon 2*.
2. **Same-sex marriages and partnerships in two pioneer countries, Canada and Spain** • **Clara Cortina**, *Universitat Pompeu Fabra*; Benoît Laplante, *Institut National de la Recherche Scientifique (INRS)*; Ana Laura Fostik, *Institut National de la Recherche Scientifique (INRS)*; Teresa Castro Martin, *Consejo Superior de Investigaciones Científicas (csic)*.
3. **Coming out in the 2010 census: Same-sex couples in Brazil and Uruguay** • Ana Maria Goldani, *University of California Los Angeles*; **Albert Esteve Palos**, *Centre d'Estudis Demogràfics*; Anna Turu, *Centre d'Estudis Demogràfics*.
4. **Patterns of Gay Male and Lesbian Partnering in the Metropolitan and Micropolitan Areas of the United States in 2010** • **Dudley L. Poston**, *Texas A&M University*; Yuting Yu-Ting Chang Chang, *Texas A&M University*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 104, Convention Hall, 1st Floor**

**Session 075: Immigrant integration and settlement / Etablissement et intégration des immigrants**

Chair / Président(e): **Douglas T. Gurak**, *Cornell University*

1. **Who profits from Germany's culture of welcome? The impact of changing opportunity structures on labour market integration of new immigrants** • **Andreas Ette**, *Federal Institute for Population Research (BiB)*; Lenore Sauer, *Federal Institute for Population Research*; Rabea Mundil-Schwarz, *Federal Statistical Office*.

2. **Immigration, transnationalism and household labour dynamics** • **Min-Jung Kwak**, *York University*; Ann H. Kim, *York University*; Eunjung Lee, *University of Toronto*; Sung Hyun Yun, *University of Windsor*; Wansoo Park, *University of Windsor*; Samuel Noh, *University of Toronto*.
3. **Intermarriage among Arabs in the United States: Patterns, Causes and Significances** • **Andrzej Kulczycki**, *University of Alabama At Birmingham*; Peter Lobo, *New York City Dept. of City Planning*.
4. **Remittance behaviours of foreigners in Italy** • Annalisa Busetta, *University of Palermo*; **Valeria Cetorelli**, *London School of Economics*; Manuela Stranges, *Università della Calabria*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 105, Convention Hall, 1st Floor**

**Session 076: Internal migration and urbanization: insertion and selectivity / Migrations internes et urbanisation: Insertion et sélectivité**

Chair / Président(e): **Eduardo L. G. Rios-Neto**, *CEDEPLAR - Universidade Federal de Minas Gerais*

1. **Do they look for informal jobs? -- Migration of the working age in Indonesia** • **Elda L. Pardede**, *University of Indonesia*; Rachmanina Listya, *LPI Dompét Dhuafa*.
2. **Inter-state migration and regional disparities in India** • **Kailash Chandra Das**, *International Institute for Population Sciences (IIPS), Mumbai*; Subhasis Saha, *International Institute for Population Sciences (IIPS), Mumbai*.
3. **Relatively different. The dependency of internal migrants' selectivity on the place of destination** • **Itayetzky Vélez Torres**, *El Colegio De Mexico*; Estela Rivero, *El Colegio De Mexico*; Estela Rivero, *El Colegio De Mexico*.
4. **Returns to Education and Earnings Inequality in Segmented Labour Market: A Study of Migrants and Locals in Large Chinese Cities** • **Fei Guo**, *Department of Marketing and Management, Macquarie University, Australia*; Zhiming Cheng, *University of Wollongong*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 106, Convention Hall, 1st Floor**

**Session 077: Population ageing and intergenerational relations / Vieillesse démographique et relations intergénérationnelles**

Chair / Président(e): **Yasuhiko Saito**, *Nihon University*

Discussant: **Md. Ismail Tareque**, *Tokyo Medical and Dental University, Japan*

1. **Changes in Residential Proximity between Older Adults and Their Children in Response to Cardiovascular Events** • Hwajung Choi, *Department of Internal Medicine, University Of Michigan*; Robert Schoeni, *University of Michigan*; Kenneth Langa, *University of Michigan*; Michele Heisler, *University of Michigan*.
2. **Giving more before receiving: informal care provision in later life** • Athina Vlachantoni, *University of Southampton*.
3. **Relevance of Traditional Safety Net for Older People in Changing Societies: Some Evidence from Bangladesh** • Sharifa Begum, *Bangladesh Institute of development Studies*.
4. **Sons and daughters: adult children's care for the elder parents at the end of life in rural China** • Shuzhuo Li, *Xi'an Jiaotong University*; Dongmei Zuo, *Population Research Institute, Xi'an Jiaotong University, China*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 107, Convention Hall, 1st Floor**

**Session 078: The Demographic “Dividends”: challenges for the near future / Les « dividendes démographiques » : des défis pour l'avenir proche**

Chair / Président(e): **Roberta Pace**, *University of Bari*

Discussant: **Alain Parant**, *Institut National d'Études Démographiques (INED)*

1. **Demographic Determinants of Economic Growth in BRICS and selected Developed Countries** • Tanima Basu, *International Institute for Population Sciences (IIPS)*; Debasis Barik, *National Council for Applied Economic Research*; Perianayagam Arokiasamy, *International Institute for Population Sciences*.
2. **Demographic transition in sub-Saharan Africa: implications for demographic dividend** • Yoonjung Choi, *United States Agency for International development*.
3. **The potential for a ‘collateral’ demographic dividend – the case of New Zealand Māori** • Natalie Olivia Jackson, *University of Waikato*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 108, Convention Hall, 1st Floor**

**Session 079: Causes and consequences of the baby boom / Causes et conséquences du baby-boom**

Chair / Président(e): **Jan Van Bavel**, *University of Leuven*

1. **Investigating the late fertility transition in Sardinia with individual data on a long-living population** • Michel Poulain, *Université Catholique de Louvain*; Anne Herm, *Tallinn University*; Gianni PES, *University of Sassari*.

2. **Social differentials in fertility during the baby boom in Switzerland / Les différentiels sociaux de fécondité durant le baby-boom en Suisse** • Aline Duvoisin, *Université de Genève*; Michel Oris, *Université de Genève*.
3. **Reproductive behavior during the baby boom in Spain** • María Sánchez- Domínguez, *Centre for Population Studies - University of Umeå*; Alberto Sanz-Gimeno, *Universidad Complutense de Madrid*.
4. **The mid twentieth century baby boom in Sweden –changes in the educational gradient of fertility for women born 1915-1950** • Glenn Sandström, *Umeå University*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 109, Convention Hall, 1st Floor**

**Session 080: Adolescent and youth transitions: school and work / Transitions des adolescents et des jeunes : école et emploi**

Chair / Président(e): **Zeba Sathar**, *Population Council*

1. **Adolescent pregnancy and education trajectories in Malawi** • Satvika Chalasani, *United Nations Population Fund (UNFPA)*; Barbara Mensch, *Population Council*; Erica Soler-Hampejsek, *Population Council*; **Christine A Kelly**, *Population Council*.
2. **Teenage childbearing and dropout from school in South Africa: Evidence from a household panel** • Ian Manfred Timaëus, *London School of Hygiene and Tropical Medicine (LSHTM)*; Tom Moultrie, *University of Cape Town*.
3. **The return to school activity: Evidence for the Mexican context** • Guadalupe F Pérez-Baleón, *Universidad Autonoma Metropolitana Xochimilco*; David P Lindstrom, *Brown University*.
4. **What happens after you drop out? : Work, school re-entry, and transition to adulthood among early school leavers** • Ariane Utomo, *Australian National University*; Anna Reimondos, *The Australian National University*; Iwu Dwisetyani Utomo, *Australian National University*; Peter McDonald, *Australian National University*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 110, Convention Hall, 1st Floor**

**Session 081: Meeting the MDGs in Africa: Progress and prospects for post 2015. Organized by the Union for African Population Studies (UAPS) / *La réalisation des OMD en Afrique : bilan et perspectives pour l'après 2015 - Organisé par l'Union pour l'Etude de la Population Africaine (UEPA)***

Chair / Président(e): **Samuel Nii Ardey Codjoe**, *University of Ghana*

Discussant: **Richmond Tiemoko**, *UNFPA Africa Regional office*

1. **Child health** • **Gervais Beninguisse**, *Institut de formation et de Recherche Démographiques (IFORD)*; **Floriane Simo Kamgaing**, *Institut de formation et de Recherche Démographiques (IFORD)*.
2. **Education** • **Jean François Kobiane**, *Université de Ouagadougou*; **Marc Pilon**, *Institut de Recherche pour le Développement (IRD)*; **Habibou Ouedraogo**, *Institut Supérieur des Sciences de la Population (ISSP)*.
3. **Maternal health** • **Jean Christophe Fotso**, *Concern Worldwide USA*; **Ariel Higgins-Steele**, *Concern Worldwide USA*; **Kumanan Rasanathan**, *UNICEF*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 082: Contraceptive use dynamics in developing countries / *L'utilisation de la contraception dans les pays en développement***

Chair / Président(e): **Anrudh Kumar Jain**, *Population Council*

1. **Patterns and trends in contraceptive use dynamics in the Philippines: 1993-2008** • **Maria Paz Nazario Marquez**, *University of the Philippines*.
2. **Post-abortion contraceptive use and continuation in Nepal** • **Mahesh Chandra Puri**, *CREHPA Nepal*; **Corinne Rocca**, *University of California, San Francisco*; **Maya Blum**, *University of California, San Francisco*; **Cynthia Harper**, *University of California, San Francisco*; **Bishnu Dulal**, *CREHPA, Nepal*; **Jillian Henderson**, *University of California, San Francisco*.
3. **The Effect of Quality Family Planning Services on Contraceptive Switching Behavior in Indonesia** • **Mugia Bayu Rahardja**, *National Population And Family Planning Board, Indonesia*.
4. **Understanding patterns of temporary method use among urban Indian en** • **Janine Barden-O'Fallon**, *University of North Carolina at Chapel Hill*; **Ilene Speizer**, *University of North Carolina at Chapel Hill*; **Livia Montana**, *University of North Carolina at*

Chapel Hill; Lisa Calhoun, *University of North Carolina at Chapel Hill*; Priya Priya Nanda, *International Centre For Research On Women*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 083: Issues in integration of SRH services / *Les enjeux de l'intégration des services de santé sexuelle et reproductive***

Chair / Président(e): **Anastasia Gage**, *Tulane University*

Discussant: **Latifat Dasola Gbonjubola Ibisomi**, *University of the Witwatersrand*

1. **Integrating sexual and reproductive health and HIV services in public health facilities: Evidence on men's involvement and uptake of services in Kenya** • **Jackline Imali Kivunaga**, *Population Council*; Timothy Osebe Abuya, *Population Council*; James K Kimani, *Population Council*; Charlotte E Warren, *Population Council*.
2. **Integration of Family Planning with Maternal Care Services: Opportunity to enhanced Service Provision in Urban Uttar Pradesh, India** • **Pranita Achyut**, *Icrw*; Lisa Calhoun, *University of North Carolina at Chapel Hill*; Anurag Mishra, *ICRW*.
3. **Integration of Family Planning: An Example from Two Regions in na** • **Emmanuel Osei Kuffour**, *Population Council*; Abisola Noah, *Population Council*; Placide Tapsoba, *Population Council*; Selina Fosuaa Esantsi, *Population Council, Regional office for Sub-saharan Africa (Ghana)*; Eunice Adjei, *Engenderhealth*; Amos Laar, *University of Ghana, School of Public Health*.
4. **Integration of Reproductive Health Service Utilization and Inclusive Development Programme in Uttar Pradesh, India** • **Diwakar Yadav**, *FHI 360, New Delhi, INDIA*; Chander Shekhar, *International Institute for Population Sciences (IIPS)*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 084: Gender differences in health and mortality / *Différences de genre en santé et mortalité***

Chair / Président(e): **Eileen Crimmins**, *University of Southern California*

1. **Death of a child and parental wellbeing in old age: Evidence from Taiwan** • **Chioun Lee**, *Princeton University*; Dana Gleib, *University of California, Berkeley*; Maxine Weinstein, *Georgetown University*; Noreen Goldman, *Princeton University*.
2. **Socioeconomic development and sex differences in cardiovascular disease mortality between East Asian and Western populations** • **Jiaying Zhao**, *Australian National University*; Edward Jow-Ching Tu, *Hong Kong University of Science and Technology*; Zhongwei Zhao, *Australian National University*.

3. **The Impact of Smoking And Other Non-Biological Factors on Sex Differences in Life Expectancy: An International Comparison** • **Marc Luy**, *Wittgenstein Centre (IIASA, VID/OEAW, WU)*; **Christian Wegner-Siegmundt**, *Wittgenstein Centre (IIASA, VID/OEAW, WU)*.
4. **To what extent the genders gap in health a social issue? An exploratory analysis of the contribution of family and work situations to sex differences in health** • **Emmanuelle Cambois**, *Institut National d'Études Démographiques (INED)*; **Ariane Pailhe**, *Institut National d'Études Démographiques (INED)*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 085: International migration of students and institutions of higher education in the Asia-Pacific region / Migrations internationales des étudiants et institutions d'enseignement supérieur dans la région Asie-Pacifique**

Chair / Président(e): **Dong-Hoon Seol**, *Chonbuk National University*

1. **A Case of Reterritorialization or Deterritorialization? The Migration of Taiwanese College Students to China** • **Pei-Chia Lan**, *National Taiwan University*.
2. **Sluggish Japanese student mobility and off-shore transfer of Japanese companies: New risk to employment in Japan** • **Waka Asato**, *Kyoto University*.
3. **Foreign students in South Korea** • **Dong Hoon Seol**, *National Organising Committee*.
4. **The international mobility of students in OECD countries and its links with labour migration policies** • **Thomas Liebig**, *OECD*.

**Wednesday 28 August / Mercredi 28 août**

**08:30 - 10:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 086: New techniques for estimating migration / Nouvelles techniques d'estimation des migrations**

Chair / Président(e): **Tom Moultrie**, *University of Cape Town*

1. **Applying and Extending the Lee-Carter Model to Forecast Age-Specific Migration** • **James Raymer**, *Australian National University*; **Arkadiusz Wisniowski**, *University of Southampton*; **Peter W. F. Smith**, *University of Southampton*; **Jakub Bijak**, *University of Southampton*.
2. **Estimating Global Migration Flow Tables Using Place of Birth Data** • **Guy J. Abel**, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*, *Vienna Institute of Demography/Austrian Academy of Sciences*.

3. **Leaving, returning: reconstructing trends in international migration with five questions in household surveys.** • **Cris Beauchemin**, *Institut National d'Études Démographiques (INED)*; Bruno Schoumaker, *Université Catholique de Louvain*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 101, Convention Hall, 1st Floor**

**Session 087: The impact of economic downturns on health and mortality / *Conséquences de la récession économique sur la santé et la mortalité***

Chair / Président(e): **Tim-Allen Bruckner**, *University of California at Irvine*

1. **Do people adapt to poverty? Evidence from the German SOEP** • **Simone Ghislandi**, *Bocconi University*.
2. **The long-lasting health effects of business cycles: How does exposure to economic booms and recessions over the life-course impact later-life health?** • **Philipp Hessel**, *London School of Economics and Political Science (LSE)*; **Mauricio Avendano**, *London School of Economics & Harvard School of Public Health*.
3. **Injury Mortality Patterns: Effects of Transition from the Soviet World versus withstanding the Global Recession, Based on the Estonian Case.** • **Peeter Värnik**, *Tallinn University*; **Luule Sakkeus**, *Estonian Institute for Population Studies, Tallinn University*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 102, Convention Hall, 1st Floor**

**Session 088: Can the speed of fertility decline in sub-Saharan Africa be accelerated? / *Le déclin de la fécondité en Afrique sub-saharienne peut-il être accéléré ?***

Chair / Président(e): **Anastasia Gage**, *Tulane University*

1. **A Road Map to Accelerate the Fertility Decline in Western Africa** • **John F. May**, *Population Reference Bureau (PRB)*; **Jean-Pierre Guengant**, *Institut de Recherche pour le Développement (IRD)*.
2. **Changing fertility preferences in urban and rural Senegal: patterns and determinants** • **Estelle Monique Sidze**, *African Population and Health Research Center (APHRC)*.
3. **Further evidence of community education effects on fertility in sub-Saharan Africa** • **Oystein Kravdal**, *University of Oslo*.
4. **Why African Fertility Declines Must Be Demand Driven** • **John B. Casterline**, *Ohio State University*; **Samuel Agyei - Mensah**, *University of Ghana*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 103, Convention Hall, 1st Floor**

**Session 089: The role of extended kin in shaping families / *Le rôle de la famille élargie dans la constitution des familles***

Chair / Président(e): **Eva Lelievre**, *Institut National d'Études Démographiques (INED)*

Discussant: **Sangeetha Madhavan**, *University of Maryland*

1. **Impact of intergenerational relations on decision concerning marriage: comparative analysis with special focus on bridal pregnancies.** • **Krzysztof Tymicki**, *Warsaw School of Economics*.
2. **Les logiques de coexistence des générations en milieu urbain au Burkina so** • **Abdoulaye MAÏGA**, *Université Catholique de Louvain*; **Banza Baya**, *University of Ouagadougou*.
3. **Living Arrangements and the Economic Well-being of Single Parents: A Cross-national Comparison** • **James Raymo**, *University of Wisconsin at Madison*; **Timothy Smeeding**, *University of Wisconsin*; **Hillary Caruthers**, *University of Wisconsin*.
4. **Strong Family Ties and Divorce in Japan** • **Akihiko Kato**, *Meiji University*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 104, Convention Hall, 1st Floor**

**Session 090: Immigrant families, networks, and 2nd generation / *Les familles immigrées, les réseaux et la 2ème génération***

Chair / Président(e): **Min-Ah Lee**, *Chung-Ang University*

1. **The Integration of Children of Turkish Immigrants in 11 European Cities: Psychosocial and Contextual Factors** • **George Groenewold**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*; **Helga De Valk**, *NIDI/Vrije Universiteit Brussel*.
2. **Language use of migrant families in Flanders: how does family language reflect family acculturation?** • **Graziela Dekeyser**, *KU Leuven - Centre for Sociological Research*; **Paul Puschmann**, *KU Leuven*; **Gray Swicegood**, *KU Leuven*; **Koen Matthijs**, *Katholieke Universiteit Leuven*.
3. **The roles of migrant networks in the labour market trajectories of Senegalese men in Europe** • **Sorana Toma**, *University Of Oxford*.
4. **Asian Tigers Abroad: From Educational Achievement to Labor Market Success among the 1.5 and 2nd Generation** • **Monica Boyd**, *University of Toronto*; **Junmin Jeong**, *University of Toronto*; **Siyue Tian**, *University of Toronto*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 105, Convention Hall, 1st Floor**

**Session 091: Internal migration and urbanization: Overview / *Migrations internes et urbanisation : vue d'ensemble***

Chair / Président(e): **Eduardo L. G. Rios-Neto**, *CEDEPLAR - Universidade Federal de Minas Gerais*

1. **Growth Pattern of China's Cities Since 1950** • **Danan Gu**, *United Nations*; Nan Li, *United Nations Population Division*; Patrick Gerland, *United Nations Population Division (Population Estimates and Projections Section)*; Kirill Andreev, *United Nations Population Division (Population Estimates and Projections Section)*; Thomas Spoorenberg, *United Nations Population Division*; Junshan Zhou, *People's Public Security University*; Chandra Sekhar Yamarthy, *United Nations, Population Division*; Gerhard Heilig, *United Nations, Population Division*.
2. **How is internal migration reshaping metropolitan populations in Latin America?: new methodologies and new evidence** • **Jorge Rodriguez**, *CELADE-Population Division of ECLAC*; José Marcos Pinto Da Cunha, *Universidade Estadual de Campinas (UNICAMP)*; Jaime Sobrino, *El Colegio De Mexico*; Ana Maria Chavez-Galindo, *Centro Regional de Investigaciones Multidisciplinarias*; Jorge Barquero, *Centro Centroamericano de Población (CCP)*; Daniel Macadar, *Facultad de Ciencia Sociales- Universidad de La Republica*.
3. **Comparing Internal Migration Around the Globe** • **Martin Bell**, *The University of Queensland*; Elin Charles-Edwards, *University of Queensland*; John C H Stillwell, *University of Leeds*; Marek Kupiszewski, *Central European Forum for Migration and Population Research*; Yu Zhu, *Fujian Normal University*.
4. **Urbanisation in India: An Appraisal of 2011 Census Data** • **Ram Babu Bhagat**, *International Institute for Population Sciences (IIPS)*; **Kunal Keshri**, *G B Pant Social Science Institute, Allahabad University, Allahabad*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 106, Convention Hall, 1st Floor**

**Session 092: Women in ageing societies / *Les femmes dans les sociétés vieillissantes***

Chair / Président(e): **Yuka Minagawa**, *Waseda University*

1. **Are Lifestyle Diseases a Matter of Concern for Elderly Women: A Study of Older Old and Oldest Old Population** • **Javeed ahamad A Golandaj**, *International Institute for Population Sciences (IIPS)*; Kshipra Jain, *International Institute for Population Sciences*.
2. **Gender inequalities in living conditions and family support among older persons, the case of Egypt** • **Laila Nawar**, *Free lance consultant*.

3. **Social Security Pensions for Mexican Elderly Women** • **Abigail Vanessa Rojas Huerta**, *Independent Consultant*; Roberto Ham Chande, *El Colegio de La Frontera Norte*.
4. **Transition into Widowhood and Functional Health** • **Sarinnapha Vasunilashorn**, *Princeton University*; Kate H. Choi, *University Of Western Ontario*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 107, Convention Hall, 1st Floor**

**Session 093: Demographic windows of opportunity and economic growth / Fenêtres d'opportunité et croissance économique**

Chair / Président(e): **Roberta Pace**, *University of Bari*

Discussant: **Natalie Olivia Jackson**, *University of Waikato*

1. **Age Structure, Education and Economic Growth** • **Wolfgang Lutz**, *International Institute for Applied Systems Analysis (IIASA)*.
2. **Common link between policies conducive to both fertility transition and demographic dividend** • **Anrudh Kumar Jain**, *Population Council*.
3. **The demographic window in the Mediterranean Basin / La fenêtre démographique en Méditerranée** • **Maria Carella**, *University of Bari*; Alain Parant, *Institut National d'Études Démographiques (INED)*.
4. **The life-cycle model of income, consumption and saving in Mexico** • **Isalia Nava-Bolaños**, *Universidad Nacional Autónoma de México*; Roberto Ham Chande, *El Colegio de La Frontera Norte*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 108, Convention Hall, 1st Floor**

**Session 094: Indirect estimation of mortality assessment and improvement of methods / Estimation indirecte de la mortalité : évaluation et amélioration des méthodes**

Chair / Président(e): **Ian Manfred Timaeus**, *London School of Hygiene and Tropical Medicine (LSHTM)*

Discussant: **Bruno Masquelier**, *Université Catholique de Louvain*

1. **A New Approach to Indirect Estimation of Child Mortality: Application to wi** • **Agbessi Amouzou**, *Johns Hopkins University*; Kenneth H. Hill, *Harvard University*.
2. **Estimating levels and trends in under-5 mortality: an assessment of biases in data series and an improved estimation method** • **Leontine Alkema**, *National University of Singapore*; Jin Rou New, *National University of Singapore*.

3. **Impact of HIV on estimates of child mortality derived using the summary birth history (CEB/CS) method** • **Rob E Dorrington**, *University of Cape Town*; Themba Mutemaringa, *University of Cape Town*.
4. **Improved Analysis of sibling survival data Taking Into Account Survivor Bias, Zero-surviving reporters and Recall Bias** • **Alison Levin-Rector**, *NYC Department of Health and Mental Hygiene*; Haidong Wang, *Univeristy of Washington*; Julie Knoll Rajaratnam, *Program for Appropriate Technology in Health (PATH)*; Carly Levitz, *University of Wash- ington*; Christopher Murray, *University of Washington*; Austin Schumacher, .

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 109, Convention Hall, 1st Floor**

**Session 095: Early work experience and the future of youth in developing coun-tries / *Précocité de la première expérience de travail et avenir des jeunes dans les pays en développement***

Chair / Président(e): **Gavin W. Jones**, *National University of Singapore*

1. **An analysis of life event sequences of China's young adults** • **Qianhan Lin**, *Asia Re- search Institute, National University of Singapore*; Wei-jun Jean Yeung, *National University of Singapore*.
2. **Early Work Experience and Schooling of Young Adults in Metro Cebu, Philip- pines** • **Socorro A Gultiano**, *University of San Carlos Office of Population Studies Foun- dation*; Delia Carba, *USC Office of Population Studies Foundation*; Judith Borja, *USC-Office of Population Studies Foundation*.
3. **Labor trajectories and transition to adulthood in Latin America: the risk of being young and a newcomer in the labor market** • **Fiorella Mancini**, *Instituto de Investigaciones So- ciales- UNAM*.
4. **Stuck for life? The Long-Term Consequences of Initial Employment in the Informal Sector, with Evidence from Indonesia** • **John Giles**, *The World Bank*; **David L Newhouse**, *The World Bank*; **Firman Witoelar**, *SurveyMETER and The World Bank*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 110, Convention Hall, 1st Floor**

**Session 096: Family dynamics and educational outcomes for primary level / *Dy- namiques familiales et réussite scolaire au niveau primaire***

Chair / Président(e): **Marc Pilon**, *Institut de Recherche pour le Développement (IRD)*

1. **A prospective study of the contribution of migration to school drop-out rates amongst children made vulnerable by HIV/AIDS in eastern Zimbabwe** • **Constance Nyamuka- pa**, *Biomedical Research & Training Institute & Imperial College London*; Laura Robertson,

*Imperial College London; Paradzai Mushore, Biomedical Research & Training Institute; Simon Gregson, Imperial College London.*

2. **Admission et Abandon scolaires des enfants de 6-14 ans au Bénin : Niveaux, Dynamiques et Déterminants** • **Mouftaou Amadou Sanni**, *Centre de Formation et de Recherche en matière de Population (CEFORP)*.
3. Resource allocation and efficiency of primary schools: the cases of Burkina Faso and Côte d'Ivoire / **Allocations en ressources et efficacité des écoles primaires : cas du Burkina Faso et de la Côte d'Ivoire** • **Glebelho Lazare Sika**, *ENSEA*; **Gouda Roland Mesmer Mady**, *ENSEA*.
4. **Determinants of Effective Completion of Primary level Education in India, 1986-2008: A Multilevel Analysis** • **Chandan Kumar**, *Indian Institute of Technology Roorkee*; **S. P. Singh**, *Indian Institute of Technology Roorkee (IITR)*; **D. K. Nauriyal**, *Indian Institute of Technology Roorkee (IITR)*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 097: Improving reproductive health services: Is integration with primary healthcare better than vertical programmes? / Améliorer les services de santé de la reproduction : intégration aux soins de santé primaires ou programmes verticaux ?**

Chair / Président(e): **Stella Babalola**, *Johns Hopkins University*

1. **Examining the effectiveness and impact of integrating comprehensive family planning into community-based primary health care services in three rural districts of Tanzania: The Connect Project** • **Colin Baynes**, *Columbia University/Ifakara Health Institute*; **Godfrey Mbaruku**, *Ifakara Health Institute*; **Emmanuel D Tluway**, *Ifakara Health Institute*; **Selemani Mbuyita**, *Ifakara Health Institute*; **James F. Phillips**, *Columbia University*.
2. **Integration of Family Planning Referral Messages into the Expanded Program on Immunization Services** • **Mi-Suk Ahn**, *Statistics Korea*; **Rachel Micarandayo**, *Provincial Health Office, Misamis Occidental Philippines*; **Leslie del Puerto Escalada**, *RTI Luzon-Health*; **Rosario Marilyn S Benabaye**, *RTI HealthGov*; **Alejandro N Herrin**, *RTI International*.
3. **Use of Postpartum Family Planning in Urban Senegal: The Role of Integrated Services** • **Ilene Speizer**, *University of North Carolina at Chapel Hill*; **Jean Christophe Fotso**, *Concern Worldwide USA*; **Chinelo Christine Okigbo**, *University of North Carolina at Chapel Hill*; **Cheikh Mbacke Faye**, *African Population Health and Research Center*; **Cheikh Seck**, *IntraHealth.org*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 098: Critical support for improving access to reproductive health services / *Quelle sont les démarches essentielles pour améliorer l'accès aux services de santé reproductive ?***

Chair / Président(e): **Gilda Sedgh**, *Guttmacher Institute*

Discussant: **Eliya Msiyaphazi Zulu**, *African Institute for Development Policy (AFIDEP)*

1. **40 Years of Planned Family Planning Efforts in India** • **Aalok Ranjan Chaurasia**, *Shyam Institute*; **Ravendra Singh**, *Ministry of Statistics and Programme Implementation*.
2. **Achieving the London FP Summit Goal through Voluntary, Rights-based FP: What Can We Learn from Past Experiences with Coercion?** • **Karen Hardee**, *Futures Group*; **Shannon M Harris**, *Bill & Melinda Gates Foundation*; **Mariela Rodriguez**, *Futures Group*; **Jan Kumar**, *EngenderHealth*; **Lynn Bakamjian**, *International Health and Development Consultant*; **Karen Newman**, *Consultant*; **Joseph Brown Winchester**, *The Bill & Melinda Gates Foundation*.
3. **Support to the efforts of the local authorities' commitment in reducing maternal mortality , Experience of Katanga in DRC / Appui aux efforts des autorités locales dans la réduction de la mortalité maternelle, Experience du Katanga.** • **Jeannette Kakou Bassimbie Danho**, *UNFPA*.
4. **USAID Strategies for Repositioning Family Planning in Sub-Saharan Africa: their Results and Remaining Challenges** • **Jacob Adetunji**, *U.S. Agency for International Development (USAID)*; **Carmen Tull**, *USAID*; **Alexandria Todd-Lippock**, *USAID*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 099: Gender differences in child health and mortality / *Différences entre sexes en matière de santé et de mortalité infantile***

Chair / Président(e): **Eileen Crimmins**, *University of Southern California*

1. **Adolescent mortality in South Africa: An analysis of unnatural and violence causes of deaths by sex, 2006- 2009** • **Nicole De Wet**, *University of the Witwatersrand*.
2. **Declining Sex Ratio of the Child Population in India: An Assessment** • **Rajesh Kumar Rai**, *Tata Institute of Social Sciences (TISS)*; **Prashant Kumar Singh**, *International Institute for Population Sciences (IIPS)*; **Sulabha Parsuraman**, *Former Professor and Head, International Institute for Population Sciences* .
3. **Explaining Gender Differentials in Child Mortality in India: Trends and Determinants** • **Shrikant Deshikendra Kuntla**, *International Institute for Population Sciences*;

Srinivas Goli, *International Institute for Population Sciences (IIPS)*; Kshipra Jain, *International Institute for Population Sciences*.

4. **Sex differentials in infant and child mortality in a context of fast mortality decline. The Brazilian case (2000 - 2010)** • **Laura L. Rodriguez Wong**, *Federal University of Minas Gerais, CEDEPLAR*; José A. Magno de Carvalho, *Universidade Federal de Minas Gerais*; Juliana Vasconcelos de Souza Barros, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*; Gabriela de Oliveira Bonifacio, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 100: Longevity, family life and social class in the Asia-Pacific region /  
*Longévité, vie familiale et classe sociale dans la région Asie-Pacifique***

Chair / Président(e): **Keong-Suk Park**, *Seoul National University*

1. **Regional Analysis of Population Aging in the Asia and the Pacific Region: Trends, implications, policies, and actions** • **Junko Sasaki**, *UNFPA*.
2. **Rural women in advanced age: Evidences in 2009 Elderly Living Condition Survey of Yi-Lan County, Taiwan** • **Peishan Yang**, *NTU College of Social Sciences*.
3. **Three-Generational Support Relationships in East Asia: Development and Explanation of A Typology** • **Sang-Wook Kim**, *Sungkyunkwan University*.

**Wednesday 28 August / Mercredi 28 août**

**10:30 - 12:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 101: Spatial diffusion of demographic behaviour / *Diffusion spatiale des comportements démographiques***

Chair / Président(e): **Mark R Montgomery**, *Population Council*

1. **Diffusion of fertility decline: A spatial multi-level analysis of the Swedish fertility transition using micro-level census data 1880-1900** • **Francesco Scalone**, *Department of Statistical Sciences - University of Bologna*; **Martin Dribe**, *Lund University*; **Sebastian Klusener**, *Max Planck Institute for Demographic Research*.
2. **Spatial diffusion in the Belgian fertility transition. Estimating neighbourhood effects using event-history analysis** • **Rafael Costa**, *Université Catholique de Louvain*.
3. **The Diffusion of new fertility behaviours in Algeria: geographical changes observed between 1987, 1998 and 2008 censuses** • **Zahia Ouadah-Bedidi**, *University Paris Diderot (URMIS) / Institut National d'Études Démographiques (INED)*; **Jacques Vallin**, *Institut National d'Études Démographiques (INED)*; **Amar Ouali**, *Ministry of Health*.

4. **The onset of out-of-wedlock births in Switzerland: A spatial diffusion analysis** • Jean-Marie Le Goff, *University of Lausanne*.

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section A, Convention Hall Lobby, 3rd Floor**

**Session 102: Poster session on Population and development / Séance poster : Population et développement**

Chair / Président(e): **David Lam**, *University of Michigan*

1. **Utilization of health services and RCH status in Uttar Pradesh** • Manju Rani, *Government Degree College*; Ashok Ashok Kumar, *Population Council*; Ravendra Sharma, *Regional Medical Research Centre for Tribals (Indian Council of Medical Research)*; **Atvir Singh**, *Ch Charan Singh University, Meerut*.
2. **Mapping of Reproductive Health Financing: Methodological Challenges** • **Jalandhar Pradhan**, *International Institute for Population Sciences (IIPS)*; Estelle Sidze, *University of Montreal*; Anoop Khanna, *Indian Institute of Health Management Research*; Erik Beekink, *Netherlands Interdisciplinary Demographic Institute*.
3. **Access to institutional delivery care in Tanzania: does socioeconomic status count, given the user-fee exemption policy?** • **Amon Exavery**, *Ifakara Health Institute*; Almamy Malick Kante, *Institut National d'Études Démographiques (INED)*.
4. **Application of the age-period-cohort model in the estimation of income mobility in Brazil** • **Mariangela Furlan Antigo**, *Universidade Federal de Minas Gerais (UFMG)*.
5. **Changes in Prevalence of Untreated Morbidity, Choice of Health Care Providers among the Poor and Rural Population: Effects of Recent Health Sector Reforms in India** • **Soumitra Ghosh**, *Tata Institute of Social Sciences*.
6. **Child mortality reduction in Southern Cone countries: sign of development, with or without realization of rights?** • **Eleonora Soledad Rojas Cabrera**, *CIECS (CONICET/UNC)*; Bruno Sebastián Ribotta, *CIECS (CONICET/UNC)*; María Marta M Santillan Pizarro, *CIECS CONICET*; Daniel Alvaro Ortega, *CEA-UNC*.
7. **Correlation Analysis of Population Structure, Labor Market and Effect of Economic Crisis in the Czech Republic** • **Martina Miskolczi**, *University of Economics in Prague*; Jana Langhamrová, *University of Economics, Prague*; Jitka Langhamrova, *University of Economics, Prague*; Ondrej Simpach, *University of Economics, Prague*; Petra Dotlacilova, *University of Economics, Prague*.
8. **Discourses of poverty and development by the rural poor in Kenya** • **Hildah Essendi**, *University of Southampton*; Nyovani Madise, *University of Southampton*; Zoe Matthews, *University of Southampton*.

9. **District Health Planning and Reporting Tool (DiHPART) - A tool for evidence based planning and budgeting at the District Level in Ghana.** • Anthony Adofo Ofofu, *Ghana Health Service*.
10. **Enhancing the Use of Population Data for Development Planning Lessons Learned from 2 Districts in Indonesia** • Rina Herartri, *National Population And Family Planning Board*; Rahmadewi Arifin, *National Population And Family Planning Board*; Mugia Bayu Rahardja, *National Population And Family Planning Board, Indonesia*; Reni Pebrianti, *National Population And Family Planning Board*.
11. **Estimated expenditure for the treatment of diabetes mellitus in Mexico** • Villalobos Aremis, *El Colegio de México/National Institute of Public Health, Mexico*; Avila Leticia, *National Institute of Public health*.
12. **Implications of age structural transition and longevity improvements on health spending in India** • Preeti Dhillon, *United Nations Population Fund (UNFPA)*; Laishram Ladusingh, *International Institute for Population Sciences*.
13. **Linking demographic change and the advancement of democracy: evidence from 140 countries in 1950-2010** • Martin Klesment, *Estonian Insitute for Population Studies, Tallinn University*; Jaak Valge, *Estonian Institute for Population Studies, Tallinn University*; Allan Puur, *Tallinn University*; Lembit Õunapuu, *Tartu University*.
14. **Maternal mortality: its relevance on Millemium Development Goals** • Alejandro Aguirre Martínez, *El Colegio De Mexico*; Fortino Vela-Peon, *Universidad Autonoma Metropolitana Xochimilco*.
15. **Multidimensional poverty in brazil: income, assets and expenses** • André Golgher, *Other*.
16. **Poverty and household size in metropolitan France / Pauvreté et taille des ménages en France métropolitaine (Christophe Zaepfel – Université Montesquieu-Bordeaux IV)** • Christophe Zaepfel, *Université Montesquieu - Bordeaux IV*.
17. **Population and MDGs in Bangladesh: Achievement and Challenges** • Sadananda Mitra, *International Organization*; Kabita Bhadra, *Shahid Monu Mia Institution*.
18. **Population and the Achievement of MDG 1.C: Halve, Between 1990 and 2015 the Proportion of People Who Suffer from Hunger** • J. Joseph Speidel, *Bixby Center for Global Reproductive Health University of California San Francisco*; Kirsten Thompson, *UCSF Bixby Center for Global Reproductive Health*; Cynthia Harper, *Univeristy of California, San Francisco*.
19. **Poverty, Income Dynamics, and Returns to Capitals in Agricultrual Frontiers: A Case Study for the Brazilian Amazon** • Gilvan Guedes, *Universidade Federal de Minas Gerais & Indiana University*; Mariangela Furlan Antigo, *Universidade Federal de Minas Gerais (UFMG)*; Alisson F Barbieri, *Universidade Federal de Minas Gerais (UFMG)*.
20. **Scaling up Human Development Level to Meet the MDG's in the Western Africa: the way forward with Roger's Theory** • Nader Motie-Haghshenas, *Population Studies and*

*Research Center in Asia and the Pacific; Arezou Sayadi Samani, Independent Researcher; Noushin Motasadizadeh Bafghi, Independent Researcher.*

21. **Similarities and differences in demographic development in the Baltic Sea region countries** • **Peteris Zvīdrins**, *University of Latvia.*
22. **Study on the Population Carrying Capacity in Northeast China** • **Yinan Sheng**, *Renmin University of China.*
23. **The process of (re)location of poor people in the periphery metropolitan area of Belo Horizonte, MG - Brazil** • **Thiago Canettieri Sá**, *Pontifícia Universidade Católica de Minas Gerais; Thiago Gonçalves, Pontifícia Universidade Católica de Minas Gerais; Rita de Cássia Liberato, Pontifícia Universidade Católica de Minas Gerais.*
24. **The specific allocation fund: hope or disclaim? A case study in Indonesia** • **Irma Ardiana**, *National Population And Family Planning Board; Ambar Rahayu, National Population And Family Planning Board.*
25. **Trends in Absolute and Relative Inequalities in Maternal Mortality Ratio in 179 countries** • **Dipty Nawal**, *International Institute for Population Sciences; Srinivas Goli, International Institute for Population Sciences (IIPS); Perianayagam Arokiasamy, International Institute for Population Sciences.*
26. **Wealth being Inequalities in Maternal Health care utilization in selected states of India** • **Rachana Patel**, *International Institute for Population Sciences (IIPS).*

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section B, Convention Hall Lobby, 3rd Floor**

**Session 103: Poster Session on Sexuality and reproductive health (2) / Séance poster : *Sexualité et santé de la reproduction* (2)**

Chair / Président(e): **Akinrinola Bankole**, *Guttmacher Institute*

1. **Access to female surgical sterilization in brazil and india: poverty, policies and politics** • **André Junqueira Caetano**, *Pontifícia Universidade Católica de Minas Gerais (pucmg); Sabu Padmadas, University of Southampton; Tiziana Leone, London School of Economics and Political Science (LSE).*
2. **Adolescents' Intentions and Willingness for Contraceptive Use in Rural na** • **Abubakari Sulemana**, *Kintampo Health Research Centre; Yeetey Akpe Enuameh, Drexel University; Obed Ernest Nettey, Kintampo Health Research Centre; Charles Zandoh, Kintampo Health Research Centre; Emmanuel Mahama, Kintampo Health Research Centre; George Adjei, Kintampo Health Research Centre; Seth Owusu-Agyei, Kintampo Health Research Centre.*
3. **A demographic analysis of contraceptive use in Burkina Faso / Analyse démographique de la pratique contraceptive au burkina faso** • **Tougma Olga**, *sans emploi.*

4. **Biases in Contraceptive Service Provision among Clinical and Non-Clinical Family Planning Provider Network Members in Nigeria** • Hilary Megan Schwandt, *Johns Hopkins School Of Public Health*; Marc Boulay, *JHU CCP*; Abdulmumin Saad, *Nigerian Urban Reproductive Health Initiative*; **Stella Babalola**, *Johns Hopkins University*.
5. **Contraceptive Use and Method choice: Societal Aspiration or Individual sion** • **Gunjan Singh**, *JRF DST-CIMS, Department of Statistics, Banaras Hindu University, Varanasi*; Kaushalendra Kumar Singh, *Banaras Hindu University*; Brijesh P. Singh, *Faculty of Commerce & DST-CIMS, Banaras Hindu University, Varanasi, India*.
6. **Contraceptive use dynamics in South Asia: the way forward** • **Manas Ranjan Pradhan**, *International Institute for Population Sciences (Iips), Mumbai*; Hanimi Reddy Modugu, *Public Health Foundation of India (PHFI)*; Nihar Ranjan Mishra, *International Institute for Population Sciences (IIPS)*; Hiralal Nayak, *Fhi 360*.
7. **Determinants of the Use of Injectable Contraceptives for Family Planning in Indonesia (The Analysis of the 2007 IDHS Data)** • **Dadi Roswandi**, *The National Population and Family Planning Bureau*.
8. **Differential effect of Wealth Quintile on Modern Contraceptive Use: Evidence from Malawi** • **Ayo Stephen Adebowale**, *University of Ibadan*; Latifat Dasola Gbonjubola Ibi-somi, *University of the Witwatersrand*; Sunday A Adedini, *University of the Witwatersrand, South Africa & Obafemi Awolowo University, Nigeria*; Enock Palamuleni, *University of the North west, South Africa*.
9. **Do abortion users exhibit better contraceptive behaviour? Evidence from pal** • Mark J Lyons-Amos, *University of Southampton*; **Sabu Padmadas**, *University of Southampton*; Shyam Thapa, *World Health Organization*.
10. **Does the Ethiopian Health Extension Programme improve contraceptive uptake for rural women?** • **Eshetu Gurm**, *Addis Ababa University*; Akim Jasper Mturi, *North-West University (Mafikeng Campus)*.
11. Trends and determining factors for young people's unmet needs for family planning: comparative analysis of Cameroon and Benin / **Evolution et déterminants des besoins non satisfaits chez les jeunes en matière de Planification Familiale : une Analyse comparative entre le Cameroun et le Benin** • Ntouda Julien, *Association des Etudiants*; **Samuel Nouetagni**, *Institut de formation et de Recherche Démographiques (IFORD)*.
12. **Factors Affecting Sterilization in Bangladesh: An Application of Failure Time Survival Model** • **Brijesh P. Singh**, *Faculty of Commerce & DST-CIMS, Banaras Hindu University, Varanasi, India*; Tapan Kumar Roy, *Rajshahi University, Rajshahi, Bangladesh*.
13. **Factors constraining the scale up of the Navrongo Experiment's fertility impact in northern Ghana** • Allison E Stone, *Columbia University Mailman School of Public Health*; Abigail Krumholz, *Columbia University*; Maxwell Dalaba, *Navrongo Health Research Centre*; James F. Phillips, *Columbia University*; B. Philip Adongo, *Navrongo Health Research Centre*; **Ayaga A. Bawah**, *Columbia University*.

14. **Female sterilization in India: A comparison of static and mobile services** • **Bornali Dutta**, *International Institute for Population Sciences, Mumbai*; Chandrashekhar Chandrashekhar, *International Institute for Population Sciences*.
15. **Female Sterilization in India: Trends, Patterns and Consequences** • Abhishek Singh, *International Institute for Population Sciences (IIPS)*; Faujdar Ram, *International Institute for Population Sciences (IIPS)*; Saseendran Pallikadavath, *University Of Portsmouth*; **Mohammad Hifz Ur Rahman**, *International Institute for Population Sciences (IIPS)*; Nabanita Majumder, *International Institute for Population Sciences (IIPS)*.
16. **Impact of Maternal and Child Health Care Services on Contraceptive Adoption in India: A Calendar Analysis / L'impact des services de santé maternelle et infantile sur l'adoption de la contraception en Inde** • **Dixit Priyanka**, *International Institute for Population Sciences*; Laxmi Kant Dwivedi, *International Institute for Population Sciences (IIPS)*.
17. **Injectable contraception and the Arab and Islamic demographic giants: Does Indonesia offer a path for Egypt to achieve replacement-level fertility?** • **Andrzej Kulczycki**, *University of Alabama At Birmingham*.
18. **Fall in contraceptive prevalence in Tunisia: an econometric analysis of the MICS3 survey data / La baisse de la prévalence contraceptive en Tunisie : Analyse économétrique à partir des données de l'enquête MICS3** • **Jalila Attafi**, *Faculté des Sciences Économiques Et de Gestion de Tunis*.
19. **Revisiting demographic transition: correlation and causation in the rate of development and fertility decline** • **Jane N O'Sullivan**, *University of Queensland*.
20. **Socio-economic Differentials in Contraceptive Discontinuation in India** • **Kiran Agrahari**, *International Institute for Population Sciences (IIPS)*; Rajesh Kumar Chauhan, *Population Research Centre, Department of Economics, University of Lucknow*.
21. **Spousal Communication and decision making on family planning : Findings from a study of a Peri-Urban Community of Ipetumodu, Southwest Nigeria** • **Ernest O Orji**, *Obafemi Awolowo University Ile-Ife*; Ambrose Akinlo, *Obafemi Awolowo University, Ile Ife*; Peter Olasupo Ogunjuyigbe, *Obafemi Awolowo University, Ile Ife*.
22. **Squeeze of women's effective reproductive span: an emerging issue in India** • **Abhishek Saraswat**, *International Institute for Population Sciences (IIPS)*.
23. **Sterilization through "Coercion"?: Girl Child Promotion Schemes and Family Planning in India** • **T.V. Sekher**, *International Institute for Population Sciences (IIPS)*.
24. **The Medical Mystery of Contraceptive Method Choice in Urban Nigeria** • Hilary Megan Schwandt, *Johns Hopkins School Of Public Health*; Joanna Skinner, *Center for Communication Programs at the Johns Hopkins Bloomberg School of Public Health*; Abdulumumin Saad, *Nigerian Urban Reproductive Health Initiative*; Marc Boulay, *Center for Communication Programs at the Johns Hopkins Bloomberg School of Public Health*; **Neetu A. John**, *Johns Hopkins Bloomberg School of Public Health*.

25. **Timing of Initiation of Contraceptives in Extended Postpartum Period Among Indian Women** • **Shruti Verma**, *Banaras Hindu University*; Kaushalendra Kumar Singh, *Banaras Hindu University*; Shilpi Ms Tanti, *Banaras Hindu University*.
26. **Unmet need for contraception among men in Zambia: Implications for Family Planning Programmes** • **Eunice Ntwala Samwinga Imasiku**, *University of the Witwatersrand*.

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section C, Convention Hall Lobby, 3rd Floor**

**Session 104: Poster Session on Internal migration and urbanization (2) / Séance poster : Migrations internes et urbanisation (2)**

Chair / Président(e): **Eduardo L. G. Rios-Neto**, *CEDEPLAR - Universidade Federal de Minas Gerais*

1. **An Analytical Study on Factors Determining Subjective Wellbeing among Migrant Housewives of Korea- with Social Capital as Mediation** • **Hyun Kang**, *Seoul Welfare Foundation*; Myung Jin Hwang, *Korea University*; Seung Wook Lee, *Seoul National University*; Woochan Shim, *Daejeon University*.
2. **Assessing the perception of left-behind wives about their husbands' out-migration: a study of rural India** • **Sujata - Ganguly**, *BBC Media Action, New Delhi, India*.
3. Contributions of different types of mobility to urbanisation processes at the international border of Brazilian Legal Amazonia between 2000 and 2010 / **Contributions des différents types de mobilités de la population aux processus d'urbanisation à la frontière internationale de l'Amazonie légale brésilienne entre 2000 et 2010** • **Juliana Mota Siqueira**, *Universidade Federal de Minas Gerais (UFMG)*; Roberto Monte-Mor, *UFMG - Federal University of Minas Gerais*; Oeyen Mariana, *Universidade Federal de Minas Gerais (UFMG)*.
4. Impact of internal migrations and urbanisation on geographical ageing disparities in Algeria / **impact des migrations internes et de l'urbanisation sur les disparités du vieillissement spatial en Algérie** • **Rachida Ladli Miles**, *Université de Blida*.
5. **Internal migration pattern at local level in Colombia: an approach from the 1993 and 2005 censuses** • **Sulma Marcela Cuervo Ramírez**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
6. Migration in childhood: extent and effect on schooling / **Migration dans l'enfance: mesure du phénomène et liens avec la scolarisation au Mali** • **Chata Malé**, *Institut National de la Recherche Scientifique*; Marc Pilon, *Institut de Recherche pour le Développement (IRD)*.
7. **Population, Water and Sustainability in American Mega-cities: Mexico City, New York and São Paulo** • **Roberto Carmo**, *Universidade Estadual de Campinas*; Haydea Izazola, *Universidad Autonoma Metropolitana Xochimilco*; Sandra R Baptista, *Center for International Earth Science Information Network (CIESIN), Columbia University, United States of America*.

8. **Rural Youth Outmigration and Family Dynamics in Ethiopia** • **Charles Heinroth Teller**, *George Washington University*; **Assefa Hailemariam**, *Addis Ababa University*; **Teshome Desta Kanko**, *Wolaita Sodo University*; **Fitsum Zewdu**, *Ethiopian Economics Association*; **Mehiret Habte**, *Ethiopian Public Health Association*; **Yordanos Seifu**, *AAU*.
9. **Urban Agglomerations and Demographic Mobility: The Case of Campinas, zil** • **José Marcos Pinto Da Cunha**, *Universidade Estadual de Campinas (UNICAMP)*.
10. **Youth migration in India: Spatial pattern, characteristics and its linkage with development** • **Soumi Mukherjee**, *International Institute for Population Sciences (IIPS)*; **Kailash Chandra Das**, *International Institute for Population Sciences (Iips), Mumbai*.

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section D, Convention Hall Lobby, 3rd Floor**

**Session 105: Poster session on Biodemography / Séance poster : Biodémographie**

Chair / Président(e): **Graziella Caselli**, *Università di Roma - La Sapienza*

1. **Biological Aspect of Health in Western and Asian Countries: the United States and South Korea** • **Joohong Min**, *University of Southern California*; **Jung Ki Kim**, *University of Southern California*.
2. **Differentials in Basal Metabolic Rate, Body Mass Index and Diabetes in selected states of India** • **Konsam Dinachandra Singh**, *International Institute for Population Sciences*; **Dewaram A Nagdeve**, *International Institute for Population Sciences (IIPS)*.
3. **Goodness-of-fit tests for the Gompertz distribution** • **Adam Lenart**, *Max Planck Institute for Demographic Research*; **Trifon Ivanov Missov**, *Max Planck Institute for Demographic Research*.
4. **Prevalence and determinants of overweight and obesity among diabetic women of reproductive age: A hospital based study** • **Jesmin Akter**, *Bangladesh University of Health Sciences (BUHS)*; **Md Shahjahan**, *Daffodil International University(DIU)*.

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section E, Convention Hall Lobby, 3rd Floor**

**Session 106: Poster session on International migration (1) / Séance poster : Migrations internationales (1)**

Chair / Président(e): **Alan B. Simmons**, *York University*

1. **Prise en charge de l'émigration internationale au Cameroun** • **Théophile Armand Fopa Diesse**, *Institut de formation et de Recherche Démographiques (IFORD)*.

2. **Are family and material ties with the origin country determinants for return? A Comparative analysis of Senegal - DR Congo** • Marie-Laurence Flahaux, *Université catholique de Louvain & INED*.
3. **Benefits and costs of international student mobility, A comparison between Chinese and Indian students in Germany** • Beatrice Knerr, *University of Kassel*.
4. **Changing minds in midcrisis – Brazilians return home** • Kaizo Iwakami Beltrao, *EBAPE/FGV*; Sonoe Sugahara Pinheiro, *Instituto Brasileiro de Geografia e Estatística (IBGE)*.
5. **Children's Schooling, Parental Migration, and Environment in Nepal** • Scott T. Yabiku, *Arizona State University*; Jennifer E Glick, *Arizona State University*.
6. **De la formation au marché de l'emploi : le cas de la deuxième génération kosovare en Suisse.** • Eder Andrés Guarín Rojas, *University of Lausanne*; Andrés Gomensoro, *LIVES HES-SO*.
7. **Difficultés d'intégration économique des subsahariens qualifiés en France et stratégies d'adaptation** • Holali Comlan Yenkey, *URD Université de Lomé*.
8. **Effect of wage inequality on migration between Mexico-United States: an empirical assessment using Mexican and United States micro-data** • Ernesto Aguayo Téllez, *Universidad Autónoma de Nuevo León*; Arun Kumar Acharya, *Universidad Autónoma de Nuevo León*.
9. **Employment and occupational mobility among immigrants recently-arrived to the host country** • Rafael Grande, *Universidad de Salamanca*; José Ignacio Antón, *Universidad de Salamanca*; Enrique Fernández Macías, *Universidad de Salamanca*; Alberto Del Rey Poveda, *University of Salamanca*.
10. **From saddles to harrows: adoption of agriculture under the Russian peasant colonization in Kazakhstan** • Elena Shubina, *University of Namur*; Gani Aldashev, *University of Namur*; Sabine JF Henry, *University of Namur*.
11. **Immigrants' children fertility intentions in Italy** • Gianpiero Dalla Zuanna, *University of Padova*; Silvia Pierobon, *University of Padova*.
12. **Influential Factors on Korean Teens' Double Standard for Foreigners** • Jongyoul Yu, *kongju national university*.
13. **International migration and segregation in the Brazilian Amazon** • Alberto Jakob, *University of Campinas (Unicamp)*.
14. **Migration and HIV: Factors determining HIV testing amongst migrants living in Johannesburg, South Africa.** • Nobantu Mkwanazi, *University of Witwatersrand*.
15. **The rise and decline of skilled nurses' migration to Ireland** • Florio Orocio Arguillas, *Cornell University*; Linda Williams, *Cornell University*; Marie Joy B Arguillas, *University of the Philippines-diliman*.

16. **The schooling of migrant children across contexts: US- and Mexican-born children of Immigrants in the United States and Mexico** • Jennifer E Glick, *Arizona State University*; Carey E. Cooper, *Center for Population Dynamics, Arizona State University*; Scott T. Yabiku, *Arizona State University*.
17. **The Transition to First Marriage and Partner Choice of Migrant and Majority Populations in Scandinavia** • Kenneth Aarskaug Wiik, *Statistics Norway*; Jennifer A Holland, *Netherlands Interdisciplinary demographic Institute*.

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section F Convention Hall Lobby, 3rd Floor**

**Session 107: Poster session on Population and policy challenges in East Asia /  
Séance poster : Défis démographiques et politiques en Asie orientale**

Chair / Président(e): Myoung-Ock AHN, *CHA University*

1. **Elderly's Self-Rated Health Status and Functional Capacity in Decentralizing Indonesia** • Evi Nurvidya Arifin, *Institute of Southeast Asian Studies*.
2. **Factors on Subjective Wellbeing among Retiring Baby-Boomers of Korea: with Mediation of Preparedness for Retirement** • Myung Jin Hwang, *Korea University*; Woochan Shim, *Daejeon University*; Seung-wook Lee, *Seoul National University*.
3. **Gender Differences in Medical Expenditure of the Rural Elderly and Its Effect Factors: Evidence from Chaohu in China** • Liang Li, *Soochow University*.
4. **Healthy Life Expectancy and the Correlates of Self-rated Health for the Elderly in Rajshahi District of Bangladesh** • Md. Ismail Tareque, *Tokyo Medical and Dental University, Japan*; Towfiqua Mahfuza Islam, *Tokyo Medical and Dental University*; Kazuo Kawahara, *Tokyo Medical and Dental University*; Makiko Sugawa, *Tokyo Medical and Dental University*; Yasuhiko Saito, *Nihon University*.
5. **Indicators of Age Friendly City for Planning and Policy Formulation: One Step Towards Age Friendly City in Indonesia** • Ni Wayan - Suriastini, *SurveyMETER*; Bondan Supraptilah Sikoki, *Survey Meter*; Edy Purwanto, *SurveyMETER*; Edra Mulyanto, *SurveyMETER*; Tri Budi W Rahardjo, *CAS-UI*.
6. **Premarital Cohabitation and the Timing of Family Formation in East Asia and the West** • Hiroshi Kojima, *Waseda University*.
7. **Shrinking of Intergenerational Care Givers for Elderly Parents in a Rural Area in Thailand** • Jongjit Rittirong, *Institute for Population and Social Research, Mahidol University*; Pramote Prasartkul, *Institute for Population and Social Research, Mahidol University*; Ronald R. Rindfuss, *University of North Carolina at Chapel Hill*.
8. **The Changing Marriage Patterns and Their Effects on Fertility in Taiwan** • Yu-Hua Chen, *National Taiwan University*; Hsinmu Chen, *National Chengchi University*; Dora Kostova, *Max Planck Institute for Demographic Research (MPIDR)*.

9. **The Economic Pressure of Population Ageing in China and Its Policy Regulation / The Economic Pressure of Population Ageing in China and Its Policy Regulation** • **Long Mo**, *Institut Provincial de Recherches Démographiques du Guangxi, Chine and Université de Montréal, Canada.*
10. **Whom do they rely on when getting old? Old-age expectations of forced bachelors in contemporary rural China** • **qiuju guo**, *School of Public Policy and Administration, Xi'an Jiaotong University*; Xiaoyi Jin, *Xi'an Jiaotong University*; Marcus W Feldman, *Stanford University.*

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section G Convention Hall Lobby, 3rd Floor**

**Session 108: Poster session on Historical demography / Séance poster : Démographie historique**

Chair / Président(e): **Diego Ramiro Fariñas**, *IEGD-CCHS Spanish National Research Council (CSIC)*

1. **Indirect age estimation: probabilistic models and statistical approach / Estimation indirecte de l'âge : modèles probabilistes et approche statistique** • **Isabelle Seguy**, *Institut National d'Études Démographiques (INED)*; Luc Buchet, *CNRS/INED*; Henri Caussin, *Université Paul Sabatier*; Daniel Courgeau, *Institut National d'Études Démographiques (INED).*
2. **Levels, trends and patterns of age difference among the couples in India** • **Kumudini Das**, *Pillai's College of Arts, Commerce and Science, Navi Mumbai*; Kailash Chandra Das, *International Institute for Population Sciences (Iips), Mumbai.*
3. **Migration and well-being: did internal migration from southern to northern Italy in the mid- twentieth century affect height convergence?** • **Donatella Lanari**, *University of Perugia*; Odoardo Bussini, *Università di Perugia.*
4. **Pattern of transition in reproductive timing of females after a long year gap in Orissa** • **Kaushalendra Kumar Singh**, *Banaras Hindu University*; Shilpi Ms Tanti, *Banaras Hindu University*; Arvind Pandey, *National Institute of Medical Statistics (ICMR)*; Shruti Verma, *Banaras Hindu University.*
5. **Quebec population resources: Towards an integrated infrastructure of historical micro-data (1621-1965)** • **Hélène Vézina**, *Université Du Québec à Chicoutimi*; Claude Belavance, *Université du Québec à Trois-Rivières*; Lisa Dillon, *Université de Montréal.*
6. **The Fertility Transition in the Area of Bologna: an Analysis based on Longitudinal Data. The Case of Granarolo from 1900 to 1940** • **Francesco Scalone**, *Department of Statistical Sciences - University of Bologna*; Rosella Rettaroli, *Università di Bologna*; Alessandra Samoggia, *University of Bologna*; Elisabetta Petracci, *University of Bologna.*

**Wednesday 28 August / Mercredi 28 août**

**12:00 - 13:30**

**Poster Section H Convention Hall Lobby, 3rd Floor**

**Session 109: Poster Session on Health, mortality and longevity (2) / Séance poster : Santé, mortalité et longévité (2)**

Chair / Président(e): **France Meslé**, *Institut National d'Études Démographiques (INED)*

1. **A Demographic Evaluation of Increasing Rates of Suicide Mortality in Japan and South Korea, 1985-2010** • **Sun Young Jeon**, *Utah State University*; **Eric N Reither**, *Utah State University*.
2. **About the differential profiles of aging people with and without disabilities Autonomus City of Buenos Aires – Argentina 2011** • **Maria Cecilia Rodriguez Gauna**, *Instituto Nacional de Estadística y Censos (INDEC)*; **Gladys Massé**, *University of Tres de Febrero / University of Buenos Aires*.
3. **Drop in mortality and evolution of causes of death in children under 5 in Senegal: comparison of demographic monitoring sites in Bandafassi, Mlomp and Niakhar / Baisse de la mortalité et évolution des causes de décès chez les enfants de moins de 5 ans au Sénégal : comparaison des sites de suivi démographique de Bandafassi, Mlomp et Niakhar** • **Laetitia Douillot**, *Institut de Recherche pour le Développement (IRD)*; **Valérie Delaunay**, *Institut de Recherche pour le Développement (IRD)*; **Gilles Pison**, *Institut National d'Études Démographiques (INED)*; **Aldiouma Diallo**, *Institut de recherche pour le developpement*; **Djibril DIONE**, *Institut de recherche pour le developpement*.
4. **Burden of Multiple Disabilities among the Older Population in India: An Assessment of Socioeconomic Differentials** • **Ladumai Maikho Apollo Pou**, *International Institute for Population Sciences (IIPS)*; **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*.
5. **Determinants of neonatal mortality in rural India, 2007-08** • **Aditya Singh**, *University Of Portsmouth*.
6. **Disability and Wellbeing of Older Chinese: Evidence from CHARLS** • **Xinxin Chen**, *Zhejiang Gongshang University*; **John Strauss**, *University of South California*.
7. **Does desire for male child bring differentials in the child care after birth?** • **Archana Kujur**, *Central University Of Karnataka*; **Sulabha Parasuraman**, *International Institute for Population Sciences*.
8. **Explaining regional disparities in mortality in Poland** • **Magdalena Maria Muszyńska**, *Warsaw School of Economics*; **Anita Abramowska-Kmon**, *Warsaw School of Economics*; **Agnieszka Fihel**, *University of Warsaw*.
9. **Feeding Practices and Growth Pattern are better in South than North India.** • **Mukesh Ravi Raushan**, *International Institute for Population Sciences (IIPS)*; **Ranjan Kumar Prusty**, *International Institute for Population Sciences (IIPS)*.

10. **Forecasting China's Mortality** • Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*; **wei song**, *Xi'an Jiaotong University*.
11. **Hidden Pattern in Maternal Deaths** • Erika Troncoso, *Ipas*; Graciela Freyermuth, *OMM*; Hilda Arguello, *OMM*.
12. **Inter-Group Inequalities in Child Undernutrition in India: Intersecting Caste, Gender and Place of Residence** • William Joe, *Institute of Economic Growth*.
13. **Longevity and shift in morbidity pattern among states in India** • **Debasis Barik**, *National Council for Applied Economic Research*.
14. **Regional Disparities in Chronic Illness and Acute Illness in Albania: A Multilevel Analysis of the Albanian Living Standards Measurement Survey 2002** • Katherine Bates, *London School of Economics*; Arjan Gjonca, *Social Policy, London School of Economics*.
15. **Relationship between gender, region and mortality rate of cancer, heart disease, hypertension, cerebrovascular diseases in 2002-2009, Thailand** • Sukanya Chongthawonsatid, *Mahidol University*.
16. **The devastations of civil war: maternal characteristics and child nutritional status in Liberia** • Maame Brayie Peterson, *University of Ghana*.
17. **The effect of changes in educational composition on adult female mortality in Brazil** • Cassio M Turra, *Universidade Federal de Minas Gerais (UFMG)*; Elisenda Rentería, *Universitat de Barcelona*; Raquel Guimarães, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
18. **The social distribution of life chances with Belgian children, 1991-1995 – 2004-2005** • Sylvie Gadeyne, *Vrije Universiteit Brussel*; Patrick Deboosere, *Vrije Universiteit Brussel*; Lena Imeraj, *Vrije Universiteit Brussel*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 101, Convention Hall, 1st Floor**

**Session 110: Gender differences in life expectancy and mortality / *Différences entre sexes dans l'espérance de vie et la mortalité***

Chair / Président(e): Eileen Crimmins, *University of Southern California*

1. **Changes in Healthy Life Expectancy and the Correlates of Self-rated Health in Bangladesh between 1996 and 2002** • Md. Ismail Tareque, *Tokyo Medical and Dental University, Japan*; Yasuhiko Saito, *Nihon University*; Kazuo Kawahara, *Tokyo Medical and Dental University*.
2. **Gender Differences in Perceived Health Expectancy for Chinese Elderly** • Xiaochun Qiao, *Institute of Population Research, Peking University*.
3. **Life tables by race: a comparison among methods** • Estela Maria Cunha, *State University of Campinas (UNICAMP)*; Jeronimo Oliveira Muniz, *Universidade Federal de*

Minas Gerais (UFMG); Alberto Jakob, *University of Campinas (Unicamp)*; José Marcos Pinto Da Cunha, *Universidade Estadual de Campinas (UNICAMP)*.

4. **Sex differences in life expectancy at birth in two Caucasus countries: the role of the alcohol-related mortality?** • **Karine Kuyumjyan**, *National Statistical Service of the Republic of Armenia*; Irina Badurashvili, *Georgian Centre of Population Research*; Géraldine Duthé, *Institut National d'Études Démographiques (INED)*; Jacques Vallin, *Institut National d'Études Démographiques (INED)*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 102, Convention Hall, 1st Floor**

**Session 111: Childlessness: acceptability and consequences / *Une vie sans enfant : acceptabilité et conséquences***

Chair / Président(e): **Zenaida Ravanera**, *University Of Western Ontario*

Discussant: **Jornt J Mandemakers**, *University Of Groningen*

1. **Childlessness: perceptions, acceptability and the gender dimension** • **Latifat Dasola Gbonjubola Ibisomi**, *University of the Witwatersrand*; Netsayi Mudege, *African Population and Health Research Center (APHRC)*.
2. **Reproductive History and Mortality of Fertile and Subfertile Men** • **Katharina Anna Belting**, *Philipps Universität Marburg*; Ronny Westerman, *University of Marburg*; Andrea Werdecker, *University of Marburg*; Ulrich Otto Mueller, *Philipps University Marburg*.
3. **Support Networks of Childless Older People in Europe** • **Martina Brandt**, *MPISOC*; Christian Deindl, *University of Cologne*.
4. **Voluntary, Involuntary and Temporary Childlessness in the United States** • **Dudley L. Poston**, *Texas A&M University*; Cristina Elizabeth Cruz, *Texas A&M University*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 103, Convention Hall, 1st Floor**

**Session 112: Family relationships beyond the household / *Relations familiales au-delà du ménage***

Chair / Président(e): **Laurent Toulemon**, *Institut National d'Études Démographiques (INED)*

1. **A Life Course Perspective on Geographical Distance to Siblings, Parents and Grandparents in Sweden** • **Martin Kolk**, *Stockholm University*.
2. **How do Family Territories inform us about Family Relationships?** • **Eva Lelievre**, *Institut National d'Études Démographiques (INED)*; Christophe Imbert, *INED/Migrinter*.

3. **Socioeconomic background and children's shared residence in Sweden** • Alma Wenne-nemo Lanninger, *Stockholm University*; **Jani Turunen**, *Stockholm University*.
4. **The Family Context of cohabitation and single motherhood in Latin America** • **Albert Esteve Palos**, *Centre d'Estudis Demografics*; **Joan García-Román**, *Centre d'Estudis Demografics*; **Ron Lesthaeghe**, *Royal Academy, Brussels*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 104, Convention Hall, 1st Floor**

**Session 113: Economic integration of immigrants / *L'intégration économique des immigrants***

Chair / Président(e): **Mary M Kritz**, *Cornell University*

1. **Consequences of intermarriage on descendants' labour market entry** • **Dominique Meurs**, *University of Paris West*; **Ariane Pailhe**, *Institut National d'Études Démographiques (INED)*.
2. **The Redistribution and Socioeconomic Mobility of Immigrants in America's Interior** • **Erica Jade Mullen**, *Brown University*.
3. **Immigrant Earnings Assimilation in France: Evidence from a Pseudo-Cohort Approach** • **Aziz Belhassaini**, *Institut National d'Études Démographiques (INED)*.
4. **Impact of immigration in Québec on "The Pig in the Python" effect of the baby-boom / L'impact de l'immigration au Québec sur l'effet "The Pig in the Python" du baby-boom** • **Jacques Légaré**, *Université de Montréal*; **Yves Carrière**, *Université de Montréal*; **Yann Decarie**, *Institut National de la Recherche Scientifique*; **Jean-François Picard**, *Université de Montréal*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 105, Convention Hall, 1st Floor**

**Session 114: Internal migration and urbanization: Are patterns changing? (1) / *Migrations internes et urbanisation : une évolution est-elle en cours? (1)***

Chair / Président(e): **Yu Zhu**, *Fujian Normal University*

Discussant: **Michael White**, *Brown University*

1. **Exclusionary Urbanization and Changing Migration Patterns in India: Is commuting by workers a feasible alternative?** • **Ajay Sharma**, *Igidr*.
2. **Brazilian migration patterns between 1980 and 2010: toward a transitory od?** • **Ana Carolina da Cruz Lima**, *Universidade Federal de Minas Gerais (UFMG)*; **Rodrigo F Simões**, *Universidade Federal de Minas Gerais*; **Ana Maria Hermeto Camilo Oliveira**, *Universidade Federal de Minas Gerais (UFMG)*.

3. **Internal Migration in Germany between reunification and financial crisis: Changes in spatial patterns and sex ratios** • Nikola Sander, *Vienna Institute of demography*.
4. **Real Adaption or Not: New Generation Internal Migrant Workers Social Adaption in China** • Huanjun Zhang, *Renmin University of China*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 106, Convention Hall, 1st Floor**

**Session 115: Subjective health of older population / *État de santé subjectif des populations âgées***

Chair / Président(e): **Yaohui Zhao**, *Peking University*

Discussant: **Santosh Jatrana**, *Alfred Deakin Research Institute, Deakin University*

1. **Do subjective health measures predict cognitive and physical health among older adults globally?** • Daniela Weber, *International Institute for Applied Systems Analysis (IIASA)*; Vegard Skirbekk, *International Institute for Applied Systems Analysis (IIASA)*.
2. **Demographic differences in the association between social networks and self-rated health in later life** • Heather Booth, *Australian National University*; Pilar Rioseco, *Australian National University*.
3. **Health Status, Functional Disability and Quality of Life: An Assessment of Wellbeing of India's Older Population** • Joemet Jose, *International Institute for Population Sciences (IIPS)*; T.V. Sekher, *International Institute for Population Sciences (IIPS)*.
4. **Self-Rated Health, Mortality, and Disability among the Elderly in Matlab Bangladesh** • Nobuko Mizoguchi, *University of Colorado Boulder*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 107, Convention Hall, 1st Floor**

**Session 116: Financing universal health care in developing countries / *Le financement de systèmes de soins de santé universelle dans les pays en développement***

Chair / Président(e): **Gilda Salvacion Abrenica Diaz**, *Philippine Health Insurance Corporation*

Discussant: **Israel Francis Atienza Pargas**, *Philippine Health Insurance Corporation*

1. **Who Gets Health Insurance Coverage in India? : New Findings from Nation-wide Surveys.** • Shijith Vathukkal Parambath, *International Institute for Population Sciences (IIPS)*; T.V. Sekher, *International Institute for Population Sciences (IIPS)*.
2. **Determinants of Health Insurance Ownership among Women in Kenya: Evidence from the 2008-09 Kenya Demographic and Health Survey.** • James K Kimani, *Population Council*; Remare Ettarh, *African Population and Health Research Center*.

3. **Effects of spatial and material affluence on health insurance subscription among women in Ghana** • Akwasi Kumi-Kyereme, *University of Cape Coast*; Joshua Amo-Adjei, *University of Cape Coast*.
4. **The Impact of Universal Coverage on Health Consumption and Preventive Activities: The case of Thailand** • Simone Ghislandi, *Bocconi University*; Wanwiphang Manathtphong, *Thammasat University*; Viviana Maria Eugenia Perego, *Bocconi University*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 108, Convention Hall, 1st Floor**

**Session 117: Data quality in demographic surveys: tests and experiments / *Qualité des données des enquêtes démographiques : tests et approches expérimentales***

Chair / Président(e): **Bruno Schoumaker**, *Université Catholique de Louvain*

1. **Accuracy and reliability of data collected using census questions** • Tom Moultrie, *University of Cape Town*; Rob E Dorrington, *University of Cape Town*.
2. **Effects of Interviewer-Respondent Familiarity on Contraceptive Use and Abortion Data** • Guy Stecklov, *Hebrew University*; Alexander Weinreb, *University of Texas at Austin*; Mariano Sana, *Vanderbilt University*.
3. **Improving the quality of adult mortality data collected in demographic surveys: a randomized trial in Niakhar (Senegal)** • Stephane HELLERINGER, *Columbia University*; Gilles Pison, *Institut National d'Études Démographiques (INED)*; Bruno Masquelier, *Université Catholique de Louvain*; Valérie Delaunay, *Institut de Recherche pour le Développement (IRD)*; Géraldine Duthé, *Institut National d'Études Démographiques (INED)*; Almamy Malick Kante, *Institut National d'Études Démographiques (INED)*; Laetitia Douillot, *Institut de Recherche pour le Développement (IRD)*.
4. **Qualité des données dans le cas d'enquêtes sur les maladies rares** • Gil Bellis, *Institut National d'Études Démographiques (INED)*; Alain Parant, *Institut National d'Études Démographiques (INED)*; Marie-Hélène Cazes, *Institut National d'Études Démographiques (INED)*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 109, Convention Hall, 1st Floor**

**Session 118: Public policies and programmes: How far do children benefit from these? / *Dans quelle mesure les enfants bénéficient-ils des programmes et des politiques publiques ?***

Chair / Président(e): **John Cleland**, *London School of Hygiene and Tropical Medicine (LSHTM)*

1. **Birth registration and family structure. A case study in Mali. / État civil et environnement familial de l'enfant : Qui déclare-t-on ? Une étude de cas au Mali** • Véronique Her-

**trich**, *Institut National d'Études Démographiques (INED)*; Catherine Rollet, *Université de Versailles*; Amandine Stephan, *INED*.

2. **Parental resource allocation and spillovers of milk fortification program in Mexico – a population based assessment** • Ana Mylena Aguilar Rivera, *The World Bank*; Yarlini Balarajan, *United Nations Children's Fund (UNICEF)*; Seemoon Choi, *Harvard School of Public Health*; Annie Chu, *World Health Organization-Western Pacific Regional Office*.
3. **Prenatal nutritional program and child health at birth: empirical evaluation of the impact of the OLO program in Canada.** • Catherine Meredith Haeck, *Université Du Québec à Montréal*; Pierre Lefebvre, *UQAM*.
4. **Does family life education influence attitudes towards sexual and reproductive health behaviour among unmarried young women in India?** • Niharika Tripathi, *International Institute for Population Sciences*

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 110, Convention Hall, 1st Floor**

**Session 119: Anthropological demography / Démographie anthropologique**

Chair / Président(e): **Jennifer Johnson-Hanks**, *UC Berkeley*

Discussant: **Paula Miranda-Ribeiro**, *CEDEPLAR, Universidade Federal de Minas Gerais*

1. **Impact of Mothering on Demographic Behaviors in Japanese Society: Labor Shortage and the Preference for Parent-Child Co-Sleeping** • Yoshie Moriki, *International Christian University*.
2. **Liminal Lives in Rural Anatolia: Patriarchal Veils Dragging Infants to Death** • Yaprak Civelek, *Istanbul Arel University*.
3. **Single parenthood in a life course perspective** • Laura Bernardi, *University of Lausanne*; Nasser Tafferant, *UNIL / LIVES*; Cornelia Hummel, *University of Geneva*.
4. **'The Doctor's Way': Traditional Contraception and Modernity in India** • Eleanor Hukin, *London School of Economics And Political Science*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 120: Demand for long acting family planning methods / Demande contraceptive : les méthodes contraceptives à effet prolongé**

Chair / Président(e): **Ann Marie Moore**, *Guttmacher Institute*

Discussant: **Ann Biddlecom**, *United Nations Population Division*

1. **Demand for Long-acting and Permanent Contraceptive Methods among Kurdish Women in Mahabad, Iran** • Hatam Hosseini, *Bu-Ali Sina University*; Fatemeh Torabi, *University of Tehran*; Balal Bagi, *Bu-Ali Sina University*.

2. **Determinants of Intra Uterine Device usage among Women in Reproductive Age in three states of North India** • Tariq Mohd, *Population Services International (PSI)*; Ajay Singh, *Population Council, India*; Nayanjeet Chaudhury, *Population Services International, India*.
3. **Factors Influencing Long Acting Reversible Contraceptive Use in Malawi** • Violet Nyambo, *University of the Witwatersrand, Johannesburg*; Latifat Dasola Gbonjubola Ibi-somi, *University of the Witwatersrand*; Clifford Obby Odimegwu, *University of the Witwatersrand*.
4. **How acceptable are injectable contraceptives? Experiences of users and health care providers in India** • Francis Zavier Arockiavictorial John, *Population Council*; Shireen J. Jejeebhoy, *Population Council*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 121: Couple fertility and contraceptive decision-making / *Fécondité des couples et processus de décision en matière contraceptive***

Chair / Président(e): **Leila Darabi**, *Planned Parenthood Federation of America*

Discussant: **Stan Becker**, *Johns Hopkins University*

1. **Couples' concordance on reproductive intentions as a predictor of contraceptive use: Findings from the baseline data of a longitudinal couple study in Nigeria** • Ambrose Akinlo, *Obafemi Awolowo University, Ile Ife*; Peter Olasupo Ogunjuyigbe, *Obafemi Awolowo University, Ile Ife*; Ernest O Orji, *Obafemi Awolowo University Ile-Ife*; Adebajo Babalola Adeyemi, *Obafemi Awolowo University*; Abimbola Samuel Phillips, *Obafemi Awolowo University Teaching Hospital*.
2. **Enhancing Couples' Family Planning Decisions through Male ment** • Shrabanti Sen, *Fhi 360*; Dominick Shattuck, *Fhi 360*; Deepika Yadav, *FHI360*; Elizabeth Doggett, *Fhi 360*; Randy M Stalter, *Fhi 360*; Helen Bristow, *FHI360*.
3. **Perceived Partners' Desire for More Children and Modern Contraceptive Use among Married Women in Uganda** • Allen Kabagenyi, *Makerere University*; Gideon Rutaremwa, *Makerere University*; Olivia Nankinga, *Makerere University*.
4. **Young Couples: How to Meet Their Contraceptive Needs to Space Births?** • Isha Bhatnagar, *Population Council*; M. Ejazuddin Khan, *Population Council*; Avishek Hazra, *Population Council*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 122: Trends and differentials in disability: challenges in measurement /  
*Tendances et différentiels en matière de handicap : comment les mesurer ?***

Chair / Président(e): **Alicia Bercovich**, *IETS - Institute for Studies on Labor and Society*,

1. **Development of an Internationally Comparable Disability Measure for Censuses: Challenges and Opportunities** • **Mitchell Loeb**, *National Center for Health Statistics*; Jennifer Madans, *National Center for Health Statistics*.
2. **Estimating death differentials to measure the labeling impact of disability: A case study of past populations in Sweden** • **Helena Haage**, *Umeå University*; Lotta Vikström, *Umeå University*.
3. **Functional capacity among brazilian elderly an analysis using polytomous IRT** • **Kaizo Iwakami Beltrao**, *EBAPE/FGV*; Moema De Poli Teixeira, *ENCE/IBGE*; Maria Isabel Parahyba, *DPE/IBGE*; Philip R. Fletcher, *Pearson*.
4. **Trends of Disability Under Different Measurement Schemes in the Chinese Elderly Population, 2002 to 2008** • **Qiushi Feng**, *National University of Singapore*; Yi Zeng, *Duke University And Peking University*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 123: The effects of demographic changes on housing in the Asia-Pacific region /  
*Les effets des changements démographiques sur le logement dans la région Asie-Pacifique***

Chair / Président(e): **Park Un-tae**, *Korea Institute of Population Problems*

1. **Changing Demographics and Housing Markets: An Overview of Six East Asian Countries** • **Kyung-Hwan Kim**, *National Organising Committee*; Moo-Sang Cho, *Sogang University*.
2. **Demography and Housing Price Dynamic in China** • **Yongheng Deng**, *National University of Singapore*.
3. **Differentiated Housing Demand by Birth Cohort** • **Chang-Moo Lee**, *Hanyang University*.
4. **Housing demand and housing prices in Japan and the US.** • **Chihiro Shimizu**, *Reitaku University*.

**Wednesday 28 August / Mercredi 28 août**

**13:30 - 15:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 124: Neighbourhood effects and demographic outcomes / *Effets de voisinage et comportements démographiques***

Chair / Président(e): **Mark R Montgomery**, *Population Council*

1. **Child Self-Rated Health: The effect of longitudinal measures of neighborhood racial composition** • **Elisabeth Dowling Root**, *University of Colorado at Boulder*; **Jamie L Humphrey**, *University of Colorado at Boulder*.
2. **Neighborhood differentials in child mortality within urban settings of Kenya, Nigeria, Senegal and Uttar Pradesh, India** • **Livia Montana**, *University of North Carolina at Chapel Hill*; **Lisa Calhoun**, *University of North Carolina at Chapel Hill*.
3. **Neighbourhood inequality as a health risk: empirical evidence from Swedish registers** • **Soren Edvinsson**, *Centre for Population Studies, Umea University*; **Erling Häggström Lundevaller**, *Department of Statistics, Umeå University*; **Gunnar Malmberg**, *Umeå University*; **Nawi Ng**, *Department of Public Health and Clinical Medicine, Umeå University*.
4. **Why Do Children Die More Often in Informal Neighborhoods? The Case of Ouagadougou** • **Bassiahi Abdramane Soura**, *Université de Ouagadougou*; **Clémentine Rossier**, *Institut National d'Études Démographiques (INED)*; **Stéphanie Dos Santos**, *Institut de Recherche pour le Développement (IRD)*; **Aude Nikiema**, *Institut National des Sciences Sociales, Ouagadougou*; **Yempabou Bruno Lankoande**, *Institut Supérieur des Sciences de la Population (ISSP)*; **Roch Modeste Millogo**, *Institut Supérieur des Sciences de la Population, Université de Ouagadougou*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 101, Convention Hall, 1st Floor**

**Session 125: Health and mortality in Eastern Europe / *Santé et mortalité en Europe de l'Est***

Chair / Président(e): **Tatiana Komarova**, *Institute for Complex Analysis of Regional Problems Far Eastern Branch Russian Academy of Sciences*

1. **Age peculiarities and dynamics of female population mortality in Russia** • **Elena Zemlyanova**, *Federal Research Institute for Health Organization and Informatics*; **Alla Ivanova**, *Federal Research Institute for Health Organization and Informatics*.
2. **Differentials in Quality of Life across Eastern Europe: Evidence Based on Healthy Life Expectancy** • **Yuka Minagawa**, *Waseda University*.
3. **Patterns of regional mortality in Ukraine from Soviet time to nowadays** • **Svitlana Poniakina**, *Institut National d'Études Démographiques (INED)*.

4. **Spatial Variation and Determinants of Alcohol-related Mortality in Belarus and Lithuania: an Ecological Study** • Pavel Grigoriev, *Max Planck Institute for Demographic Research*; Domantas Jasilionis, *Max Planck Institute for Demographic Research / Institute for Demographic Research, Lithuanian Social Research Centre*; Vladimir M. Shkolnikov, *Max Planck Institute for Demographic Research*; Jacques Vallin, *Institut National d'Études Démographiques (INED)*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 102, Convention Hall, 1st Floor**

**Session016: Fertility and HIV / Fécondité et VIH**

Chair / Président(e): **Barthelemy Kuate Defo**, *Université de Montréal*

1. **Fertility intentions among people living with HIV and AIDS (PLWHA) are fraught with ambivalence: Mixed methods evidence from Nairobi slums.** • Eliud Wekesa, *Population Council*; Ernestina Coast, *London School of Economics and Political Science (LSE)*.
2. **Knowledge, barriers and attitudes towards prevention of mother-to-child transmission of HIV in Ghana** • Simon Mariwah, *University of Cape Coast, Ghana*; Akwasi Kumi-Kyereme, *University of Cape Coast*; Augustine Tanle, *University of Cape Coast*; Kobina Esia-Donkoh, *Univesity Of Cape Coast*.
3. **Measuring time to pregnancy in HIV+ women: Results from Demographic and Health Surveys** • Alison Gemmill, *University of California, Berkeley*; Sarah E.K. Bradley, *University of California Berkeley*; Sheryl Vanderpoel, *World Health Organization*.
4. **Pregnancy and Abortion among HIV-positive women in Zambia and Nigeria: Comparing Attitudes of HIV-Positive Women and Health Care Providers** • Olutosin A. Awolude, *University of Ibadan/University College Hospital, Ibadan*; Akinrinola Bankole, *Gutmacher Institute*; Ann Marie Moore, *Gutmacher Institute*; Isaac Adewole, *University of Ibadan*; Maximillian Bweupe, *Ministry of Health*; Gilda Sedgh, *Gutmacher Institute*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 103, Convention Hall, 1st Floor**

**Session 127: Work-family interface and gender equality / Rapports travail-famille et inégalités de genre**

Chair / Président(e): **Iwu Dwisetyani Utomo**, *Australian National University*

1. **Family development and the spouses' role behaviour in Iran** • Fatemeh Torabi, *University of Tehran*; Mohammad Jalal Abbasi-Shavazi, *University of Tehran and Australian National University*.

2. **Gender roles and parenting practices among married and cohabiting couples: evidence from the Italian Time Use Survey** • Silvia Meggiolaro, *Department of Statistical Sciences, University of Padova, Italy*; Maria Letizia Tanturri, *University of Padua*.
3. **How Welfare States Affect Family Relationship? : A Comparative Study on Family Policies and Gendered Division in Care Time** • Sun Mi Cho, *Yonsei University*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 104, Convention Hall, 1st Floor**

**Session 128: Integration of immigrants in different contexts / *Intégration des immigrés dans différents contextes***

Chair / Président(e): Florio Orocio Arguillas, *Cornell University*

1. **Islamic religiosity of Turkish immigrants and their descendants in six European countries** • Evelyn Ersanilli, *University Of Oxford*.
2. **The Effect of Religious Affiliations and Religiosity on Marriage Timing : The Case of Muslims in United Kingdom** • Muhammad Isa, *University of Southampton*.
3. **National Identity and Acceptance of Foreign Immigrants as Citizen among Koreans** • Seokho Kim, *Sungkyunkwan University*; Eunsun Park, *Sungkyunkwan University*.
4. **2nd generation non-nationals in Kuwait: Contradictions between host country policies and aspirations of migrants** • Nasra M. Shah, *Kuwait University*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 105, Convention Hall, 1st Floor**

**Session 129: Internal migration and urbanization: Are patterns changing? (2) / *Migrations internes et urbanisation : une évolution est-elle en cours? (2)?***

Chair / Président(e): Leiwen Jiang, *National Center for Atmospheric Research*

Discussant: Sabine JF Henry, *University of Namur*

1. **Continuity and Change in Demographic Patterns of Indonesia's Urbanization, 2000-2010** • Tommy Firman, *Institute of Technology, Bandung*.
2. **Internal migration in Brazil: trends at the beginning of the 21st Century** • José Marcos Pinto Da Cunha, *Universidade Estadual de Campinas (UNICAMP)*; Rosana Baeninger, *Nepo/Unicamp*.
3. **Spain's urban area growth phases: spatial patterns and causal analysis** • Fernando Gil-Alonso, *Universitat de Barcelona*; Jordi Bayona, *Universitat de Barcelona*; Miguel Rubiales Pérez, *Universitat de Barcelona*; Isabel Pujadas Rubies, *Universitat de Barcelona*; Antonio Lopez Gay, *Centre d'Estudis Demografics*.

4. **The Impact of Children and Parents on Different Gender's Migration Status – A Longitudinal Study of Migrant Households in Sichuan and Anhui in China** • Chen Chen, *University of California, Los Angeles.*

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 106, Convention Hall, 1st Floor**

**Session 130: Socioeconomic status and health among older population / *Statut socioéconomique et santé dans la population âgée***

Chair / Président(e): **Grace Cruz**, *University of the Philippines Population Institute*

Discussant: **Elma Laguna**, *Bremen International Graduate School of Social Sciences*

1. **A Socioeconomic Index to Measure Health Inequalities in the Elderly Population: San Juan, Puerto Rico and Havana, Cuba** • Esther María León Díaz, *Population and Development Studies Center (CEPDE). Cuba*; Ana-Luisa Davila, *Graduate School of Public Health*; Alberto García Gurucharri, *Universidad de San Juan, Puerto Rico*; María Larriuz, *Universidad de San Juan, Puerto Rico.*
2. **Age versus socioeconomic gradients on health of Indian adults** • Perianayagam Arokiasamy, *International Institute for Population Sciences*; Uttamacharya Uttamacharya, *International Institute for Population Sciences.*
3. **Intergenerational Correlations of Health Among Older Adults: Empirical Evidence from Indonesia** • John Strauss, *University of South California*; Yoonoh Kim, *University of Southern California*; Firman Witoelar, *SurveyMETER and The World Bank*; Bondan Supratiluh Sikoki, *Survey Meter.*
4. **Socioeconomic Status and Health among Older Adults in Vietnam, 2001-2011** • Bussarawan Puk Teerawichitchainan, *Singapore Management University.*

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 107, Convention Hall, 1st Floor**

**Session 131: Pay-for-Performance and other mechanisms to achieve universal health care / *Les « dividendes démographiques » : des défis pour l'avenir proche***

Chair / Président(e): **Israel Francis Atienza Pargas**, *Philippine Health Insurance Corporation*

Discussant: **Gilda Salvacion Abrenica Diaz**, *Philippine Health Insurance Corporation*

1. **Community-level effect of the maternal health voucher program on out-of-pocket spending on delivery services at private health facilities in Uganda** • Francis Obare, *Population Council*; Ben Bellows, *Population Council.*
2. **Out-of-pocket expenses for Maternity Care in Rural Bangladesh: A Public – Private comparison** • Md. Moshir Rahman, *The Population Council*; Forhana Rahman Noor, *Population Council, Bangladesh*; Ubaidur Rob, *Population Council.*

3. **Subsidizing consumer cost for obstetrics and newborn care in Bangladesh: opportunities and challenges** • Ismat Ara Hena, *Population Council*; Ubaidur Rob, *Population Council*; Mst. Farhana Akter, *Population Council*; Nargis Sultana, *Population Council*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 108, Convention Hall, 1st Floor**

**Session 132: Data quality in demographic surveys / *Qualité des données dans les enquêtes démographiques***

Chair / Président(e): **Véronique Hertrich**, *Institut National d'Études Démographiques (INED)*

Discussant: **John B. Casterline**, *Ohio State University*

1. **An Assessment of DHS Estimates of Fertility and Under-Five Mortality** / Evaluation de la qualité des estimations de fécondité et de mortalité des enfants dans les Enquêtes démographiques et de santé (EDS/DHS) • **Thomas W. Pullum**, *Demographic and Health Surveys*; Bruno Schoumaker, *Université Catholique de Louvain*; Stan Becker, *Johns Hopkins University*; Sarah E.K. Bradley, *University of California Berkeley*.
2. **Measuring use of the lactational amenorrhea method through the Demographic and Health Surveys: data quality and implications** / Le recours à la méthode de l'aménorrhée et de la lactation (MAMA) mesuré à partir des Enquêtes démographiques et de santé (EDS/DHS) : qualité des données et validité des résultats • Madeleine Short Fabric, *United States Agency for International development*; **Yoonjung Choi**, *United States Agency for International development*.
3. **The Consistency of Reports on Siblings and Children in Demographic and Health Surveys** / Les déclarations portant sur les frères et sœurs et sur les enfants dans les Enquêtes démographiques et de santé (EDS/DHS) sont-elles cohérentes ? • **Bruno Masquelier**, *Université Catholique de Louvain*.
4. **How accurate are proxy reports of partner's pregnancy wantedness?: Evidence from Australian couples.** • **Anna Reimondos**, *The Australian National University*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 109, Convention Hall, 1st Floor**

**Session 133: The effects of violence on adolescents and youth / *Les effets de la violence sur les adolescents et les jeunes***

Chair / Président(e): **Edith Alejandra Pantelides**, *Centro de Estudios de Población (CENEP)*

1. **Influence of Sexual abuse on emotional and sexual health of boys: evidence from economically marginalized community using mixed method approach** • **Nandita Bhatla**, *Icrw*; Pranita Achyut, *Icrw*; Prakash Chandra Mishra, *Tata Institute of Social Sciences (TISS)*; Shubhada Maitra, *Tata Institute of Social Sciences, Mumbai, India*.

2. **Measuring the effect of multi facet violence experience among adolescent: an ecological developmental perspective** • Madhumita Das, *International Centre For Research On Women*; Sancheeta Ghosh, *Icrw*; Ravi Verma, *International Centre for Reserach on Women (ICRW)*.
3. **Probation and recidivism in Italian juvenile crime: estimating the effect of intergenerational transmission of crime through a cohort of young criminals** • Donatella Lanari, *University of Perugia*; Odoardo Bussini, *Università di Perugia*; Luca Pieroni, *University of Perugia*.
4. **Understanding the lifelong influence of men's childhood experiences of violence** • Juan Manuel Contreras, *UN Women*; Brian Heilman, *International Center for Research on Women*; Gary Barker, *Instituto Promundo*; Ravi Verma, *International Center for Research on Women*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 110, Convention Hall, 1st Floor**

**Session 134: Marriage and gender relations / *Mariage et relations de genre***

Chair / Président(e): **Sajeda Amin**, *The Population Council*

1. Changes in matrimonial and fertility behaviours in Africa: the emergence of new gender relations / **Changements de comportement matrimoniaux et féconds en Afrique : l'émergence de nouveaux rapports de genre** • Thérèse Locoh, *Institut National d'Études Démographiques (INED)*; Zahia Ouadah-Bedidi, *University Paris Diderot (URMIS) / Institut National d'Études Démographiques (INED)*.
2. **Do Women Gain Autonomy Through Marriage? Evidence from Rural Malawi** • Kim Deslandes, *Université de Montréal*.
3. **Empowerment of married and separated/divorced women in Mexico** • Irene Casique, *Universidad Nacional Autónoma de México*.
4. **Is marriage still advantageous to women's health? A trend study on marriage and women's health in Korea from 1998-2010.** • Choryok Kang, *Seoul National University*; Youngtae Cho, *Seoul National University*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 135: Fertility intentions over time / *Les intentions de fécondité au fil du temps***

Chair / Président(e): **Sara Yeatman**, *University of Colorado at Denver*

Discussant: **Gunnar Andersson**, *Stockholm University*

1. **Achieving Intended Family Size in Japan** • Setsuya Fukuda, *National Institute of Population and Social Security Research*; Ryuichi Kaneko, *National Institute of Population and Social Security Research*; Rie Moriizumi, *National Institute of Population and Social Security Research*.
2. **How much is enough? A longitudinal analysis of intentions to stop childbearing in rural Mozambique** • Sarah Hayford, *Arizona State University*; Victor Agadjanian, *Arizona State University*.
3. **Swedish men's fertility intentions and behaviors** • Gayle Kaufman, *Davidson College*; Livia Sz. Olah, *Stockholm University*.
4. **When the first baby arrives and the second loses chance. Changing couple's satisfaction and fertility expectations after the arrival of the first child.** • Francesca Luppi, *Universitat Pompeu Fabra, Barcelona, ES*; Letizia Mencarini, *University of Turin Dept. of Economics & Collegio Carlo Alberto*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 136: Reproductive health expenditure and quality of service / *Dépenses de santé reproductive et qualité de service***

Chair / Président(e): Michael Vlassoff, *Guttmacher Institute*

Discussant: Leila Darabi, *Planned Parenthood Federation of America*

1. **An Assessment of Out of Pocket Expenditure on Child Bearing Process post Janani Suraksha Yojana: A Case from India** • Dipti Govil, *International Institute for Population Sciences (IIPS)*; Neetu Purohit, *Indian Institute of Health Management Research, Jaipur*; Shiv D Gupta, *Indian Institute of Health Management Research, Jaipur*.
2. **Incidence, its correlates and effects of maternal health care expenditure in India** • Saradiya Mukherjee, *JNU*; Rakesh Chandra, *Jawaharlal Nehru University*.
3. **Reproductive and Child Health Programme in Bihar, India: Does Expenditure Matters to Performance?** • Amit Kumar, *International Institute for Population Sciences (IIPS)*.
4. **The Impact of Subsidized Birth Control for College Women: Evidence from the Deficit Reduction Act** • Brad Hershbein, *W.E. Upjohn Institute for Employment Research*; Emily Collins, *University of Michigan*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 137: Disability measures for specific groups and domains / *Mesures du handicap pour des groupes et sur des domaines spécifiques***

Chair / Président(e): Alicia Bercovich, *IETS - Institute for Studies on Labor and Society*,

1. **Projection of Older Adults with Disability under the Demo-Socio-Economic Factors in China, 2006-2050** • Lei Zhang, *Institute of Population Research, Peking University*; Xiaoying Zheng, *Peking University*.
2. **Socio-economic inequality in the occurrence of disability in India: Evidence from a large scale sample survey** • Mohammad Hifz Ur Rahman, *International Institute for Population Sciences (IIPS)*.
3. **The Right to Sight: Distribution and Prevalence of Visual Difficulty in Indonesia** • Evi Nurvidya Arifin, *Institute of Southeast Asian Studies*; Aris Ananta, *Institute of Southeast Asian Studies*.
4. **Washington Group on Disability Statistics: Development of a survey questionnaire module on child functioning and disability** • Mitchell Loeb, *National Center for Health Statistics*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 138: Emergence of "Smart Technology" and its contributions for demographic processes in both advanced and developing countries / *Les technologies « Smart » et leur contribution aux processus démographique, dans les pays du nord et du sud.***

Chair / Président(e): **Seung Wook Lee**, *Seoul National University*

1. **Smart Agent-based Simulations for Elderly People's Evacuation Schemes in Case of Natural Disasters** • Ludovico Ciferri, *International University of Japan*.
2. **T-health: Standard Smart TV as e-Health Platform for the Elderly** • Masahito Kawamori, *NTT*.
3. **Demographic Implications of Smartphone Sensor Information** • Youngtae Cho, *Seoul National University*.
4. **Technological Perspectives for Promoting Healthy Aging** • Suntae Jung, *Samsung Electronics*.

**Wednesday 28 August / Mercredi 28 août**

**15:30 - 17:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 139: Macro and micro perspectives on education/fertility dynamics / *Approches macro et micro sur les dynamiques éducation/fécondité***

Chair / Président(e): **Thomas K. LeGrand**, *Université de Montréal*

1. **Educational Change and its Impact on Fertility and Demographic Dividend of Future India** • Angan Sengupta, *Institute for Social And Economic Change, Bangalore.*
2. **Family size and educational outcomes among young people in India** • K.G. Santhya, *Population Council*; Francis Xavier Arockiavictorial John, *Population Council.*
3. **Fostering the Human Resource Base for Sustainable Development: Toward a 21st Century Population Policy Paradigm** • Wolfgang Lutz, *International Institute for Applied Systems Analysis (IIASA).*
4. **How the decline of family size impact the intergenerational transmission of social inequality: Evidence from Ouagadougou in West Africa.** • James Lachaud, *Université de Montréal*; Thomas K. LeGrand, *Université de Montréal*; Jean François Kobiane, *Université de Ouagadougou.*

**Wednesday 28 August / Mercredi 28 août**

**17:30 - 19:00**

**Grand Ballroom, Convention Hall Lobby, 3rd Floor**

**Session 140: NOC Asia-Pacific Plenary: Economic development, information technology, and demographic processes / Séance plénière du CNO sur la région Asie-Pacifique : Développement économique, technologies de l'information et processus démographiques**

Chair / Président(e): **Eui Hang Shin**, *Seoul National University*

1. **Demography Transition of Korea / La transition démographique en Corée** • **Eui Hang Shin**, *Seoul National University*; Keong-Suk Park, *Seoul National University.*
2. **Digital Ageing as a Solution for Population Ageing / Le numérique comme solution pour le vieillissement de la population** • **Sang-Chul Park**, *Samsung Advanced Institute of Technology.*

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**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 101, Convention Hall, 1st Floor**

**Session 141: Estimating needs for HIV services: current shortfalls and future forecasts / Estimer les besoins des services VIH : insuffisances actuelles et prévisions pour l'avenir**

Chair / Président(e): **Simon Gregson**, *Imperial College London*

1. **Client satisfaction in relation to HIV/AIDS care counselling services in Maharashtra, India: A gender focused approach** • **Paramita Dutta**, *Saksham-Tata Institute of Social Sciences.*
2. **Increased uptake of HIV testing in sub-Saharan Africa: demographic divergence and opportunities for future growth** • **Sarah Staveteig**, *MEASURE-DHS, ICF International;*

Shanxiao Wang, *MEASURE-DHS, ICF International*; Sara Head, *MEASURE-DHS, ICF International*; Sarah E.K. Bradley, *University of California Berkeley*; Erica R Nybro, *MEASURE-DHS, ICF International*.

3. **Resource Needs for HIV in India** • **Subhra Datta**, *Independent Consultant*; Sulabha Parasuraman, *International Institute for Population Sciences*.
4. **Results of Stigma Index Survey among people living with HIV in Russia** • **Ilya Zhukov**, *United Nations Population Fund (UNFPA)*; Alexandra Pisareva, *Yuri Levada Analytical Centre*; Valentina Bodrova, *Russian Center for Public Opinion & Market Research*; Lidia Bardakova, *UNFPA*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 102, Convention Hall, 1st Floor**

**Session 142: Low fertility: theories and empirical evidence / Faible fécondité : théories et données empiriques**

Chair / Président(e): **Anne H. Gauthier**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*

1. **Alliance and alliance: low fertility in the long shadow of WWII** • **Alexander Weinreb**, *University of Texas at Austin*; Jennifer Johnson-Hanks, *UC Berkeley*.
2. **Low Fertility and the Reversal of Gender Inequality in Education in Europe: Theory and Hypotheses** • **Jan Van Bavel**, *University of Leuven*.
3. **Social Change, Social Networks, and Family & Fertility Change in Japan** • **Ronald R. Rindfuss**, *University of North Carolina at Chapel Hill*; Emi Tamaki, *East-west Center*; Martin P Piotrowski, *University of Oklahoma*; Minja Kim Choe, *East-west Center*; Noriko Tsuya, *Keio University*; Larry Bumpass, *University of Wisconsin at Madison*.
4. **The impact of income on fertility– breaking up stylized facts** • **Angela Stefanie Lucigrechlich**, *Université Paris 1 Sorbonne Panthéon (Economics Department)*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 103, Convention Hall, 1st Floor**

**Session 143: Union dissolution and remarriage / Ruptures d'unions et remariage**

Chair / Président(e): **Abdellatif Lfarakh**, *Centre d'Etudes et de Recherches Démographiques (CERED)*

Discussant: **Youssef Courbage**, *Institut National d'Études Démographiques (INED)*

1. **Gender Roles and family stability: the influence of a more active** • **Ann-Zofie Duvander**, *Stockholm University*; **Trude Lappégard**, *Statistics Norway*.

2. **Maternal repartnering: Do child physical custody arrangements matter?** • Lawrence Berger, *University of Wisconsin*; **Lidia Panico**, *Institut National d'Études Démographiques (INED)*; Anne Solaz, *Institut National d'Études Démographiques (INED)*.
3. **Divorce determinants in four CEE countries: diversity or uniformity?** • **Aiva Jasilioniene**, *Max Planck Institute for Demographic Research*; Dora Kostova, *Max Planck Institute for Demographic Research (MPIDR)*; Austra Maslauskaitė, *Institute for Social Research*; Marta Emilia Styrac, *Warsaw School of Economics*.
4. **Family composition and union dissolution among families with children in den** • Livia Sz. Olah, *Stockholm University*; **Jani Turunen**, *Stockholm University*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 104, Convention Hall, 1st Floor**

**Session 144: Impact of migration on the well-being of left-behind children /  
L'impact de l'émigration sur le bien-être des enfants laissés derrière**

Chair / Président(e): **Ibtihel Bouchoucha**, *Université Paris Ouest Nanterre La Défense/CERPOS/INED*

Discussant: **Annett Fleischer**, *European University Institute*

1. **Economic wellbeing of migrants and non-migrants households in states of India: Does remittances matter?** • **Manisha Dubey**, *International Institute for Population Sciences (IIPS)*; Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)*.
2. **Men's Labor Migration and Schooling of Children Left Behind in Rural Mozambique** • **Scott T. Yabiku**, *Arizona State University*; Victor Agadjanian, *Arizona State University*.
3. **Migration of Sri Lankan transnational domestic workers and families left behind: economic benefits vs. social costs** • **Swarnalatha Ukwatta**, *University of Colombo*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 105, Convention Hall, 1st Floor**

**Session 145: Health and ageing in low, middle and high-income countries (1) /  
Santé et vieillissement dans les pays à revenus faibles, intermédiaires et élevés (1)**

Chair / Président(e): **Mary McEniry**, *University of Michigan, Ann Arbor*

1. **Cross-country comparison of changes in health in U.S., England, Mexico, Taiwan, and Indonesia** • **Jung Ki Kim**, *University of Southern California*; Eileen Crimmins, *University of Southern California*.
2. **Elderly Well-being and Socioeconomic Status in China and England** • James Banks, *University of Manchester*; Xiaoyan Lei, *Peking University*; **Albert Park**, *HKUST*; Andrew

Stephoe, *University College London*; Yafeng Wang, *Peking University*; Winnie Yip, *University of Oxford*; Paola Zaninotto, *University College London*; Yaohui Zhao, *Peking University*.

3. **The Ongoing Process of Aging and Health in Middle-Income Countries** • Cesar Gonzalez-Gonzalez, *Instituto Nacional de Geriatria*; **Roberto Ham Chande**, *El Colegio de La Frontera Norte*.
4. **Urban-Rural Differences in Chronic Conditions and Health Risk Factors Among SAGE Older Populations: 2007-2010** • Wan He, *U.S. Census Bureau*; Paul Kowal, *World Health Organization*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 106, Convention Hall, 1st Floor**

**Session 146: Population, environment, health, and development in Africa / *Population, environnement, santé et développement en Afrique***

Chair / Président(e): **Murray Leibbrandt**, *University of Cape Town*

1. Evolution of the sociodemographic situation and politico-intentional responses in Guinea, 1954-2012 / **Evolution de la situation socio-démographique et réponses politico-intentionnelles en Guinée de 1954-2012** • Tolno Fassa Daniel, *Institut National de la Statistique (INS)*.
2. **Neglected Tropical Disease and Education in Tanzania** • Jungho Kim, *Ajou University*; Taejong Kim, *KDI School of Public Policy and Management*; **Jinyoung Hyun**, *KDI School of Public Policy and Management*.
3. **Searching for Environmental Kuznets Curves of some basics in Africa** • **Douglason Omotor**, *Delta State University, Abraka, Nigeria*; Christopher Orubu, *Delta State University Abraka*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 107, Convention Hall, 1st Floor**

**Session 147: Assessing quality in qualitative research / *Evaluer la qualité dans la recherche qualitative***

Chair / Président(e): **Monique Marcelle Hennink**, *Emory University*

Discussant: **Inge Hutter**, *University Of Groningen*

1. **Working with teams of 'insiders': Innovations in qualitative data collection in rural South Africa** • **Enid Schatz**, *University of Missouri*; Nicole Angotti, *University of Colorado-Boulder*; *MRC/Wits Rural Public Health and Health Transitions Research Unit (Agincourt)*; Sangeetha Madhavan, *University of Maryland*; Christie Sennott, *University of Colorado and Hewlett/HIE*.

2. **In-Person versus Online Focus Group Discussions: A Comparative Analysis of Data Quality** / Les discussions de groupe en personne ou en ligne: une comparaison de la qualité des données. • **Cory R. Woodyatt**, *Emory University*; Catherine A Finneran, *Emory University*; Ayesha M McAdams-Mahmoud, *Kaiser Family Foundation*; Robert Stephenson, *Hubert department of Global Health, Rollins School of Public Health*.
3. **The Qualitative Longitudinal Research. An application to job insecurity in the life course.** • **Fiorella Mancini**, *Instituto de Investigaciones Sociales- UNAM*.
4. **How far have we progressed? Qualitative research in demography during the 21st century** • **Paula Miranda-Ribeiro**, *CEDEPLAR, Universidade Federal de Minas Gerais*; Andrea Simao, *PUC Minas and UFMG*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 108, Convention Hall, 1st Floor**

**Session 148: Children and youth / Enfants et jeunes**

Chair / Président(e): **Maria Midea M. Kabamalan**, *University of the Philippines*

Discussant: **Shireen J. Jejeebhoy**, *Population Council*

1. **Levels of deprivation in child wellbeing in East Africa** • **James Ciera**, *African Institute for Development Policy (AFIDEP)*.
2. Children's family circle at home: a useful indicator for child-protection policies / **Entourage résidentiel de l'enfant : un indicateur utile aux politiques de protection de l'enfance** • **Sall Moustapha Gibigaye A.**, *Centre de formation et de Recherche en Population ( CEFORP)*.
3. **Invisible adolescents: Pregnancy in women under age 15 in Mexico** / -Des adolescentes invisibles : les grossesses chez les jeunes filles de moins de 15 ans au Mexique • **Jorge Valencia**, *Ipas*; Raffaella Schiavon, *Ipas Mexico*.
4. **Parcours de vie des adolescents et jeunes à Yaoundé : une analyse de séquences de vie** • **Mouté Nyokon Charles Emmanuel**, *Institut de formation et de Recherche Démographiques (IFORD)*; Gervais Beninguisse, *Institut de formation et de Recherche Démographiques (IFORD)*; Crispin Mabika Mabika, *Université de Kinshasa*; Alice Noël Tchoumkeu Pendeme, *Institut de formation et de Recherche Démographiques (IFORD)*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 109, Convention Hall, 1st Floor**

**Session 149: Latin America: the role of population dynamics in a sustainable development strategy - Organized by the Latin American Population Association (ALAP) / Amérique latine : la dynamique démographique dans les stratégies de développement durable - Organisé par l'Association latino-américaine de population (ALAP)**

Chair / Président(e): **Laura L. Rodriguez Wong**, *Federal University of Minas Gerais, CEDEPLAR*

Discussant: **Ralph Hakkert**, *UNFPA*

1. **New and old paradigms on fertility and reproductive health** • **Fatima Juarez**, *El Colegio De Mexico*; **Cecilia Gayet**, *Flacso Mexico*; **Gabriela Mejia Pailles**, *Private Consultant*.
2. **New and old paradigms on migration in Latin America** • **Fernando Lozano**, *CRIM-UNAM*.
3. **New and old paradigms on mortality** • **Bernardo Lanza Queiroz**, *Universidade Federal de Minas Gerais*; **Marcos R Gonzaga**, *Universidade Federal do Rio Grande do Norte (UFRN)*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 110, Convention Hall, 1st Floor**

**Session 150: Prenatal sex selection / Sélection prénatale en fonction du sexe**

Chair / Président(e): **Christophe Z Guilmo**, *Institut de Recherche pour le Développement (IRD)*

1. **The implementation of preferences for male offspring** • **John Bongaarts**, *Population Council*.
2. **Mechanism on sex selection and childbearing behavior in Chinese families: A 2010 census based study** • **Shuzhuo Li**, *Xi'an Jiaotong University*; **Ying Hu**, *Xi'an Jiaotong University*; **Marcus W Feldman**, *Stanford University*.
3. **"Bridging the GAP": The interplay between fertility transition and birth masculinity in India** • **Suddhasil Siddhanta**, *Gokhale Institute of Politics and Economics*.
4. **Changes in female status and disappearing son-preference in Republic of Korea** • **Hanna Lee**, *Seoul National University*; **Youngtae Cho**, *Seoul National University*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 151: Sexual and reproductive health services to meet men's needs / *Les services de santé sexuelle et reproductive pour les besoins de la population masculine***

Chair / Président(e): **Priya Priya Nanda**, *International Centre For Research On Women*

1. **Determinants of Male Participation in Reproductive Healthcare Services: A Cross-sectional Study** • **Md Shahjahan**, *Daffodil International University(DIU)*.
2. **Male involvement in Family Planning in the Philippines: Who are willing to undergo vasectomy and what are the reasons of those who are unwilling?** • **Jeofrey Bautista Abalos**, *Bureau of Labor and Employment Statistics*.
3. **Promoting Gender Equity and Spousal Communication as a Strategy to Change Contraceptive-Related Attitudes and Behavior among Young Men in Rural India** • **Ajay K Singh**, *Population Council, India*; **Ravi Verma**, *Population Council*.
4. **Risky sexual behaviours of China's male migrants bachelors among male migrants in a context of male "marriage-squeeze": Results from an exploratory survey in urban Xi'an, China** • **Bo Yang**, *Xi'an Jiaotong University*; **Isabelle Attane**, *Institut National d'Études Démographiques (INED)*; **Shuzhuo Li**, *Xi'an Jiaotong University*; **Xueyan Yang**, *Institute for Population and development Studies, Xi'an Jiaotong University*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 152: Advances in research on abortion in sub-Saharan Africa / *Avancées de la recherche sur l'avortement en Afrique subsaharienne***

Chair / Président(e): **Ann Biddlecom**, *United Nations Population Division*

Discussant: **Harriet Birungi**, *Population Council*

1. **The Incidence of Induced Abortion in Kenya** • **Shukri F Mohamed**, *African Population and Health Research Center (APHRC)*; **Chimaraoke Izugbara**, *African Population and Health Research Center (APHRC)*; **Ann Marie Moore**, *Guttmacher Institute*; **Elizabeth Kimani**, *African Population and Health Research Center (APHRC)*; **Michael M. Mutua**, *African Population and Health Research Center (APHRC)*; **Abdhalah K Ziraba**, *African Population and Health Research Center (APHRC)*; **Carolyn Phyllis Egesa**, *African Population and Health Research Center (APHRC)*.
2. **From acceptability to legalization: Gendered attitudes to abortion in West ca** • **Rachel Scott**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Nathalie Bajos**, *Institut National de la Santé et de la Recherche Médicale (INSERM)*; **Agnès Guil-**

laume, *Centre Francais sur la Population et le Developpement (CEPED)*; Michele Ferrand, *CNRS*.

3. **The health system cost of post-abortion care in Rwanda** • **Michael Vlassoff**, *Guttmacher Institute*; Sabine Musange Furere, *School of Public Health National University of Rwanda*; Ina Kalisa, *School of Public Health National University of Rwanda*.
4. **The Economic Cost of Unsafe Abortion: A Study of Post-Abortion Care Patients in Uganda** • **Aparna Sundaram**, *Guttmacher Institute*; Michael Vlassoff, *Guttmacher Institute*; Akinrinola Bankole, *Guttmacher Institute*; Leo Amanya, *Independent Consultant*; Tsuyoshi Onda, *Guttmacher Institute*; Charles Kiggundu, *Mulago hospital*; Florence Mirembe, *Makerere College of Health Sciences*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 153: Child health in urban areas / Santé des enfants en milieu urbain**

Chair / Président(e): **Nyovani Madise**, *University of Southampton*

Discussant: **Andrew "Amos" Channon**, *University of Southampton*

1. **Urban Advantage or Urban Penalty?: Under-5 Mortality and Urbanization in Sub-Saharan Africa** • **Jamaica Corker**, *University of Pennsylvania*.
2. **Trends in child mortality in Kenya: does the urban advantage still hold?** • **Elizabeth Kimani**, *African Population and Health Research Center (APHRC)*; Jean Christophe Fotso, *Concern Worldwide USA*; Thaddaeus Egondi, *APHRC*; Benta A Abuya, *African Population and Health Research Center (APHRC)*.
3. **Factors associated with child health in urban areas of Bangladesh** • **M Sheikh Giashuddin**, *Jagannath University, Dhaka*; **Mohammad Kabir**, *Jahangirnagar University*.
4. **Is socio-economic inequality in childhood undernutrition increasing in urban India?** • **Divya Kumari**, *International Institute for Population Sciences (IIPS)*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 154: Gender and population: theoretical and methodological issues / Genre et population : questions théoriques et méthodologiques**

Chair / Président(e): **Alaka Basu**, *Cornell University*

1. **A General Theory of Gender Preference for Children** • **Sung-Yong Lee**, *Kangnam University*.

2. Female head of household: an indicator of the feminisation of poverty in Ouagadougou? / **Femme chef de ménage : un indicateur d'une féminisation de la pauvreté à Ouagadougou ?** • Madeleine V. Wayack Pambe, *ISSP/University of Ouagadougou*.
3. **Modeling Synergies between Women-centered Interventions and Family ning** • Scott Moreland, *Futures Group*.
4. **Sampling Transgender Communities to Assess Healthcare Access and Develop Public Health Programs** • Judith Bradford, *Fenway Institute*.

**Thursday 29 August / Jeudi 29 août**

**08:30 - 10:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 155: Biological and behavioural aspects of health and mortality / *Santé et mortalité : aspects biologiques et comportementaux***

Chair / Président(e): **Gilbert Brenes-Camacho**, *University of Costa Rica*

1. **Consanguineous marriages and their effect on pregnancy outcomes in dia** • Shrikant Deshikendra Kuntla, *International Institute for Population Sciences*; Srinivas Goli, *International Institute for Population Sciences (IIPS)*; T.V. Sekher, *International Institute for Population Sciences (IIPS)*.
2. **Contributions of pubertal timing and adolescent intimate relationships to trajectories of psychological distress: A cohort study** • Chi Chiao, *National Yang-Ming University*; Yih Chiao, *National Yang-Ming University*.
3. **Effects of Sedentary Lifestyle and Dietary Habits on Body Mass Index Change among adult Women in India: Findings from a Follow up study** • Praween Kumar Agrawal, *Population Council*.
4. **Four Decades of Educational Differences in Overweight and Obesity in the United States: Period and Cohort Patterns** • Yan Yu, *Australian National University*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 101, Convention Hall, 1st Floor**

**Session 156: The demographic and socioeconomic consequences of HIV/AIDS / *Conséquences démographiques et socioéconomiques du VIH/sida***

Chair / Président(e): **Basia Zaba**, *London School of Hygiene and Tropical Medicine (LSHTM)*

Discussant: **Victoria Hosegood**, *University of Southampton*

1. **Modeling Age-Specific Mortality for Countries with Generalized HIV ics** • David J. Sharrow, *University of Washington*; Samuel Clark, *University of Washington*; Adrian E. Raftery, *University of Washington*.
2. **The effects of changes in household wealth on HIV risk in Manicaland, bwe** • Adrian Mylne, *Imperial College London*; Nadine Schur, *Imperial College London*;

Phyllis Mushati, *Biomedical Research and Training Institute, Harare, Zimbabwe*; Albert Takaruzza, *Biomedical Research and Training Institute, Harare, Zimbabwe*; Helen Ward, *Imperial College London*; Constance Nyamukapa, *Biomedical Research & Training Institute & Imperial College London*; Simon Gregson, *Imperial College London*.

3. **The Relationship between AIDS/TB Mortality and Migration in the Context of Other Causes of Death in Rural South Africa** • Sulaimon Atolagbe Afolabi, *University of the Witwatersrand*; Philippe Bocquier, *Université Catholique de Louvain*; Kathleen Kahn, *University of the Witwatersrand*; Mark A Collinson, *University of the Witwatersrand*.
4. **Youth mortality due to HIV/AIDS in South Africa, 2006- 2009** • Nicole De Wet, *University of the Witwatersrand*; Oluwaseyi Dolapo Somefun, *University of Witwatersrand*; Sasha AP Frade, *CHAPS*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 102, Convention Hall, 1st Floor**

**Session 157: Socioeconomic differentials in fertility and family formation / Différentiels socio-économiques en matière de fécondité et de formation de la famille**

Chair / Président(e): **Zhenzhen Zheng**, *Chinese Academy of Social Sciences*

1. **Exploring long-term changes in fertility differentials by level of education: Review and discussion of research issues** • Tomas Sobotka, *Vienna Institute of demography*; Eva Beaujouan, *Wittgenstein Centre: Vienna Institute of Demography, Austrian Academy of Science*; Karel Neels, *Universiteit Antwerpen*; Ronald R. Rindfuss, *University of North Carolina at Chapel Hill*; Zuzanna Brzozowska, *Vienna Institute of demography*.
2. **Lowest low fertility in South Korea: Differentials by women's education and locality: 1980 - 2010** • Minja Kim Choe, *East-west Center*; Hyung-seog Kim, *Statistics Korea*.
3. **Proximate determinants of african fertility transition - a 3-model analysis of 23 African countries** • Clifford Obby Odimegwu, *University of the Witwatersrand*; Shakira Choonara, *University of the Witwatersrand*; Temitope Oluwaseyi Adeyaju, *University of the Witwatersrand, South Africa*.
4. **The Educational Gradient of New Family Behaviors in Europe and the US.** • Karel Neels, *Universiteit Antwerpen*; Brienna Perelli-Harris, *University of Southampton*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 103, Convention Hall, 1st Floor**

**Session 158: The changing patterns of marriage and partnerships and their effects on fertility / *Evolution des formes de mariage et d'union et conséquences pour la fécondité***

Chair / Président(e): **Véronique Hertrich**, *Institut National d'Études Démographiques (INED)*

Discussant: **Sajeda Amin**, *The Population Council*

1. **Blurred Differences: Childbearing within marriage and consensual union in Latin America, 1980-2010** / Fécondité dans le mariage et fécondité en union consensuelle en Amérique latine (1980-2010) : des différences qui s'estompent • **Benoît Laplante**, *Institut National de la Recherche Scientifique (INRS)*; Teresa Castro Martin, *Consejo Superior de Investigaciones Científicas (csic)*; Clara Cortina, *Universitat Pompeu Fabra*; Teresa Martin Garcia, *Spanish Council for Scientific Research*.
2. **Has the declining age at marriage contributed to reverse fertility decline in Sri Lanka?** / La baisse de l'âge au mariage a-t-elle contribué à renverser la tendance de la fécondité au Sri Lanka ? • **Weraduwege Indralal De Silva**, *University of Colombo*; Nishanthi Perera, *University Of Colombo, Sri Lanka*.
3. **Marriage Timing, Marriage Regime and Timing the First Birth in India** / Calendrier des unions, régime matrimonial et âge à la première naissance en Inde • **Kerry LD MacQuarrie**, *University of Washington*.
4. **Union instability – how does it affect fertility? – the case of Sweden** / A quel titre l'instabilité matrimoniale affecte-elle la fécondité? Le cas de la Suède • **Lotta Persson**, *Statistics Sweden*; Johan Tollebrant, *Statistics Sweden*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 104, Convention Hall, 1st Floor**

**Session 159: Trends in skilled migration: causes and consequences / *Tendances de la migration qualifiée : causes et conséquences***

Chair / Président(e): **Fernando Lozano**, *CRIM-UNAM*

1. **A Global Assessment of Human Capital Mobility: The Role of non-OECD Destinations** • **Chris R Parsons**, *University Of Oxford*; Frederic Docquier, *Université catholique de Louvain*; Caglar Ozden, *World Bank*.
2. **Issues in Skilled Migration: A Case study of Skilled Migration from India to Singapore** • **Seema Gaur**, *Government of India*.
3. **Sending country determinants of international student mobility** • **Mary M Kritz**, *Cornell University*.

4. **Skilled migration to the United States: a multivariate analysis of the period 1980-2010** • Adela Pellegrino, *Universidad de La República de Uruguay*; Julieta Bengochea, *Universidad de la Republica*; Martín Koolhaas, *Universidad de la República & Instituto Nacional de Estadística*; Victoria Prieto, *Universidad de la Republica*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 105, Convention Hall, 1st Floor**

**Session 160: Health and ageing in low, middle and high-income countries (2) / Santé et vieillissement dans les pays à revenus faibles, intermédiaires et élevés (2)**

Chair / Président(e): Mary McEniry, *University of Michigan, Ann Arbor*

1. **A comparative analysis on attitude towards ageing of middle-aged adults in South Korea and Japan** • Ji Yun Tark, *Seoul National University*; Youngtae Cho, *Seoul National University*; Tamashiro Hiko, *Hokkaido University*.
2. **Assessing the health state/disability score of the elderly in sub-Saharan Africa: An analysis using the Frontier method** • Ousmane Faye, *Consortium pour la Recherche Economique et Sociale - CRES*.
3. **Positive Attitude and Wellbeing: A Life Cycle Analysis of Individual's Healthy and Happy Life Expectancy for Brazil and Mexico** • Gilvan Guedes, *Universidade Federal de Minas Gerais & Indiana University*; Cristina Rodrigues, *Universidade de Sao Paulo*; Luisa Terra, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
4. **Prevalence and co-relates of depression among older people infected and affected with HIV in rural South Africa** • Makandwe Nyirenda, *Africa Centre for Health & Population Studies, University of Kwazulu Natal*; Somnath Chatterji, *World Health Organization (WHO)*; Portia Mutevedzi, *Africa Centre for Health and Population Studies, University of KwaZulu-Natal, Somkhele, South Africa*; Tamsen Rochat, *Africa Centre for Health and Population Studies, University of KwaZulu-Natal, Somkhele, South Africa*; Marie-Louise Newell, *Centre for Paediatric Epidemiology and Biostatistics, UCL Institute of Child Health, London, UK*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 106, Convention Hall, 1st Floor**

**Session 161: Migration, poverty, and development / Migration, pauvreté et développement**

Chair / Président(e): Vladimir M. Shkolnikov, *Max Planck Institute for Demographic Research*

1. **Gender- and Ethnic-Specific Migration Responses to Economic Fluctuations and Political Upheaval in Kyrgyzstan** • Victor Agadjanian, *Arizona State University*; Evgenia Gorina, *Arizona State University*.

2. **The role of migration on poverty reduction in Indonesia: A quest on the migrants' welfare before and after migration** • **Hasnani Nani Rangkuti**, *Australia National University*.
3. Demo-geographical transformations and integrated socio-spatial development in Morocco: aspects, interventions and challenges / **Transformations démographiques et développement socio-spatial intégré au Maroc: Aspects, interventions et défis** • **Brahim Kidou**, *Laboratoire d'Etudes et Recherches GEAMD, F.L.S.H., Université Ibnou ZOHR, Agadir*.
4. **Urban growth, poverty and sustainability in the Amazon region** • **Sandra Maria Fonseca da Costa**, *University of Vale do Paraiba*; **Leonardo Freire de Mello**, *Universidade do Vale do Paraiba*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 107, Convention Hall, 1st Floor**

**Session 162: Advances in population projections / Les avancées récentes dans les projections démographiques**

Chair / Président(e): **Thomas Buettner**, *German Fund for World Population*

1. **Ultimate fertility levels: a modified projection method for low fertility tries** • **Leontine Alkema**, *National University of Singapore*; **Adrian E. Raftery**, *University of Washington*; **Patrick Gerland**, *United Nations Population Division (Population Estimates and Projections Section)*.
2. **Household and living arrangements projections at the sub-national level: an extended cohort-component approach** • **Yi Zeng**, *Duke University And Peking University*; **Kenneth Land**, *Duke University*; **Zhenglian Wang**, *Duke University*; **Danan Gu**, *United Nations*.
3. **Simultaneous Modeling of Heterogeneous Subpopulations within one work** • **Christina Bohk**, *University of Rostock*; **Roland Rau**, *University of Rostock*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 108, Convention Hall, 1st Floor**

**Session 163: Parental and public investment in children and adolescents / Investissement parental et public pour les enfants et les adolescents**

Chair / Président(e): **Letizia Mencarini**, *University of Turin Dept. of Economics & Collegio Carlo Alberto*

Discussant: **Wendy Sigle-Rushton**, *London School of Economics and Political Science (LSE)*

1. **Everything goes to my children: the parental investment of middle-income families in Canada and the USA** • **Anne H. Gauthier**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*.

2. **Direct paternal investment has benefits on multiple child outcomes, with different effects for sons and daughters.** • Emily H. Emmott, *University College London*; Ruth Mace, *University College London*.
3. **Mothers' perceived HIV status, self-rated health, and children's schooling in rural Mozambique** • Luciana Luz, *Arizona State University*; Victor Agadjanian, *Arizona State University*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 109, Convention Hall, 1st Floor**

**Session 164: Gender and population: the educational experience / *Genre et population : l'expérience éducative***

Chair / Président(e): **Parfait M. Eloundou Enyegue**, *Cornell University*

1. **Experience of sexual harassment and coping strategies among students of the School of Nursing, University College Hospital, Ibadan, Nigeria** • Oyedunni Sola Arulogun, *University of Ibadan*; Isaac Omotoso, *University College Hospital, Ibadan*.
2. **Gender relations in Benin: an illustration using primary school mathematics textbooks / Rapports sociaux de sexe au Bénin : une illustration à travers les manuels scolaires de mathématique au primaire ?** • Sall Moustapha Gibigaye A., *Centre de formation et de Recherche en Population ( CEFORP)*; Saturnine Michozounnou, *Centre de formation et de Recherche en Population ( CEFORP)*; France Guerin-Pace, *INED*; Mouftaou Amadou Sanni, *Centre de Formation et de Recherche en matière de Population ( CEFORP)*.
3. **Teachers Gender-Stereotypes Belief and Practices in the Post Primary Public Schools: A GEMS Study in the Mumbai** • Prakash Chandra Mishra, *Tata Institute of Social Sciences (TISS)*; Pranita Achyut, *Icrw*; Nandita Bhatla, *Icrw*; Ravi Verma, *ICRW*.
4. **Understanding of Sexual Harassment among Year 6 and Year 12 Students in Jakarta, West Java, West Nusa Tenggara and South Sulawesi** • Iwu Dwisetyani Utomo, *Australian National University*; Peter McDonald, *Australian National University*; Anna Reimondos, *The Australian National University*; Ariane Utomo, *Australian National University*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 110, Convention Hall, 1st Floor**

**Session 165: Inequalities in education / *Inégalités dans le domaine de l'éducation***

Chair / Président(e): **Cynthia Lloyd**, *Population Council*

1. **Access to education in Burkina Faso: ten years of the Ten-year Plan for Basic Education / Accès à l'enseignement au Burkina Faso: Dix ans de Plan de l'Éducation de Base** • Souleyamane Ouedraogo, *Institut National de La Statistique et de la Démographie*.

2. **A Comparative Overview of Mechanism of Educational Inequality in relation to Patterns of Educational Inequality – India, China and Indonesia** • Divya Ramchand, *National University of Singapore*.
3. **Credit Constraints and the Racial Gap in Post-Secondary Education in South Africa** • David Lam, *University of Michigan*; Cally Ardington, *University of Cape Town*; Nicola Branson, *University of Cape Town*; Murray Leibbrandt, *University of Cape Town*.
4. **Gender Differentials in Inequality of Educational Opportunities in India: New Evidence from an Indian Youth Study** • Abhishek Singh, *International Institute for Population Sciences (IIPS)*; Ashish Singh, *Azim Premji University*; Saseendran Pallikadavath, *University Of Portsmouth*; Faujdar Ram, *International Institute for Population Sciences (IIPS)*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 166: Reproductive ambivalence and uncertainty / *Ambivalence et incertitude vis-à-vis de la reproduction***

Chair / Président(e): **Sara Yeatman**, *University of Colorado at Denver*

Discussant: **Sarah Hayford**, *Arizona State University*

1. **Are Latina Women Ambivalent about Pregnancies They are Using Contraception to Prevent? Evidence from the Border Contraceptive Access Study** • Abigail R.A. Aiken, *University of Texas at Austin*; Joseph E Potter, *University of Texas at Austin*.
2. **Intersection of fertility desires & FP use on childbearing behaviors: Longitudinal study from urban Uttar Pradesh, India** • Ilene Speizer, *University of North Carolina at Chapel Hill*; Lisa Calhoun, *University of North Carolina at Chapel Hill*; Ranajit Sengupta, *International Institute for Population Sciences (IIPS)*; Theresa Hoke, *FHI360*; Priya Priya Nanda, *International Centre For Research On Women*.
3. **The Decline in Non-Numeric Desired Family Size: A Cross-Regional Analysis** • Lauren Kate Bachan, *Pennsylvania State University*; Margaret Frye, *University of California, Berkeley*.
4. **Rethinking African fertility: The state in, and of, the future sub-Saharan African fertility decline** • Tom Moultrie, *University of Cape Town*; Ian Manfred Timaeus, *London School of Hygiene and Tropical Medicine (LSHTM)*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 167: Advances in research on unsafe abortion and its consequences / *Les progrès de la recherche sur l'avortement à risque et sur ses conséquences***

Chair / Président(e): **Susheela D Singh**, *Guttmacher Institute*

Discussant: **Sushanta Banerjee**, *Ipas*

1. **Changing pattern of care seeking for abortion complications: Do poor Pakistani women have better options now?** • **Zakir Hussain Shah**, *Population Council*; **Zeba Sathar**, *Population Council*.
2. **Estimating the costs of treating abortion complications and the costs of legal abortion services, Colombia, 2012.** • **Elena Prada**, *Guttmacher Institute*; **Fatima Juarez**, *El Colegio De Mexico*; **Isaac Maddow-Zimet**, *Guttmacher Institute*.
3. **Medical Abortion Drug Dispensing Behavior Among Pharmacists in India** • **Tariq Mohd**, *Population Services International (PSI)*; **Nayanjeet Chaudhury**, *Population Services International, India*; **Atul Kapoor**, *Population Services International (PSI)*.
4. **Systematic Error in the Measurement of Unsafe Abortion Related Mortality: A Multiple Bias Analysis** • **Caitlin E Gerdt**, *University of California, San Francisco*.

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 168: Transition and urban health / *Transitions de santé en milieu urbain***

Chair / Président(e): **Tiziana Leone**, *London School of Economics and Political Science (LSE)*

Discussant: **Nandita Saikia**, *Institute of Economic Growth, New Delhi*

1. **Epidemiological Transition in Urban Maharashtra: A Revisit** • **Rahul Rajendra Koli**, *International Institute for Population Sciences (IIPS)*; **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*; **Hemkothang Lhungdim**, *International Institute for Population Sciences (iips)*.
2. **The Social Determinants of Health: Globalization, Urbanization, and Overweight in the Southern African Development Community** • **Nyovani Madise**, *University of Southampton*; **Gobopamang Letamo**, *University of Botswana*.
3. **Identify Contribution of Diseases to Disability and Healthy Expectancy: Urban-Rural Disparities among Elderly Population in China** • **Haochen Wang**, *Peking University*; **he Chen**, *Peking University*; **Chao Guo**, *Institute of Population Research, Peking University*; **Gong Chen**, *Peking University*; **Xiaoying Zheng**, *Peking University*.

4. **Urban-Rural Differences in Health Status among Older Population in India** • Joemet Jose, *International Institute for Population Sciences (IIPS)*; **Kaushalendra Kumar**, *International Institute For Population Sciences (IIPS), Mumbai, India.*

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 169: Language and population studies / *Pratiques linguistiques et recherches démographiques***

Chair / Président(e): **Evelyne Lapierre-Adamcyk**, *Université de Montréal*

1. **Panel Speaker** • **Jean François Kobiane**, *Université de Ouagadougou.*
2. **Panel Speaker** • **Michel Oris**, *Université de Genève.*
3. **Panel Speaker** • **Suzana M Cavenaghi**, *National School of Statistical Science at The Brazilian Institution of Geography and Statistics - ENCE/IBGE.*
4. **Panel Speaker** • **Nico Van Nimwegen**, *Netherlands Interdisciplinary Demographic Institute (NIDI).*

**Thursday 29 August / Jeudi 29 août**

**10:30 - 12:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 170: Evolutionary demography / *Démographie évolutionniste***

Chair / Président(e): **Rebecca Sear**, *London School of Hygiene And Tropical Medicine*

1. **Family structure, rural livelihoods and child health inequality in Tanzania** • **David W Lawson**, *University College London*; **Monique Borgerhoff Mulder**, *University of California at Davis*; **Margherita E Ghiselli**, *University of Minnesota*; **Esther Ngadaya**, *National Institute for Medical Research, Muhimbili Medical Research Centre, Tanzania*; **Bernard Ngowi**, *National Institute of Medical Research, Muhimbili Medical Research Centre, Tanzania*; **Sayoki GM Mfinanga**, *National Institute for Medical Research, Muhimbili Medical Research Centre, Tanzania*; **Kari Hartwig**, *Walden University, USA*; **Susan James**, *Savannas Forever Tanzania.*
2. **On the Evolution of Intergenerational Transfers Among Adults** • **C. Y. Cyrus Chu**, *Academia Sinica*; **Ronald D. Lee**, *University of California, Berkeley.*
3. **Testing the Sensitivity of the Trivers-Willard Effect Using Different Status Measures** • **Sebastian Schnettler**, *University of Konstanz*; **Martin Kolk**, *Stockholm University.*
4. **Modelling conflicts of interest in reproductive decision-making** • **Cristina Moya**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Kristin Snopkowski**, *London School*

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section A, Convention Hall Lobby, 3rd Floor**

**Session 171: Poster Session on Fertility (2) / Séance poster : Fécondité (2)**

Chair / Président(e): **Teresa Castro Martin**, *Consejo Superior de Investigaciones Científicas (csic)*

1. **Capturing Household Transitory Wealth Through an Index on Expenditures and Non-durables: Insights from Six Peri-Urban African Settings** • Julia Driessen, *University of Pittsburgh*; Peter Olasupo Ogunjuyigbe, *Obafemi Awolowo University, Ile Ife*; **Abimbola Samuel Phillips**, *Obafemi Awolowo University Teaching Hospital*; Qingfeng Li, *Johns Hopkins Bloomberg School of Public Health*; Adesegun Fatusi, *Obafemi Awolowo University, Ile Ife*; Amy O. Tsui, *Bloomberg School of Public Health*.
2. **Changes in parity profile of Brazilian women thirty years and older in 1970, 1991 and 2010** • Maria-Coleta F. A. Oliveira, *Universidade Estadual de Campinas (UNICAMP)*; **Glaucia Marcondes**, *Universidade Estadual de Campinas - Unicamp*; Joice Melo Vieira, *State University of Campinas/Unicamp*.
3. **Couple Unmet Need for Family Planning and Application to Three West African Countries** • Erin Pearson, *Johns Hopkins Bloomberg School of Public Health*; **Stan Becker**, *Johns Hopkins University*.
4. **Differential fertility by level of Education in DHS Countries** • **Samir Kumar K.C.**, *IIASA*; Michaela Potancokova, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID, WU)*.
5. **Do Egalitarian Societies Boost Fertility?** • **Gustav Feichtinger**, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*, *VID/ÖAW*; Alexia Fuernkranz-Prskawetz, *Vienna University of Technology*; Andrea Seidl, *Vienna University of Technology*; Christa Simon, *Vienna University of Technology*; Stefan Wrzaczek, *Vienna University of Technology*.
6. **Does upward or downward mobility matter? An explanation of fertility among foreign wives in Korea** • **Jung-Kyun Ryu**, *Hanyang University*; Doo-Sub Kim, *Hanyang University*.
7. **Education and Sex preference for children in Ghana.** • **Grace Agyemang Frempong**, *regional institute for population studies- Ghana*; Samuel Nii Ardey Codjoe, *University of Ghana*.
8. **Education, Son Preference, and Fertility Transition in South Korea** • **Bongoh Kye**, *Kookmin University*; Jang-Young Lee, *Kookmin University*; Byoung Mohk Choi, *Far East University*.

9. **Engaging Young Fathers in South Africa: The Role of Conjugal and Consanguineous Ties** • Shelley Clark, *McGill University*; Cassandra Cotton, *McGill University*; Leticia Marteleto, *University of Texas at Austin*.
10. **Explaining the current fertility differentials in three ASEAN countries** • Siow Li Lai, *University of Malaya*; Nai Peng Tey, *University of Malaya*.
11. **Fertility dynamics and contraceptive use in Malawi** • Jesman Chintsanya, *University of Southampton*; Nyovani Madise, *University of Southampton*; Claire E Bailey, *University of Southampton*.
12. **Fertility transition in Nepal: role of women's autonomy** • Trilochan Pokharel, *Nepal Administrative Staff College*; Shiva Hari Adhikari, *Nepal Administrative Staff College*; Kamala Devi Lamichhane, *Central Department of Population Studies*.
13. **Male fertility in the Czech Republic – new empirical evidence** • Beatrice-Elena Chromkova Manea, *Masaryk University*; Ladislav Rabusic, *Faculty of Social Studies, Masaryk University*.
14. **Nesting in the wind: employment uncertainty and fertility in France.** • Daniel Ciganda, *Universitat Pompeu Fabra*.
15. **Sex Ratio at Birth in Nepal and Differential in Stopping Rule behaviour: an Application of Stopping Rule in Human Fertility Model** • Dipty Nawal, *International Institute for Population Sciences*; Srinivas Goli, *International Institute for Population Sciences (IIPS)*; Perianayagam Arokiasamy, *International Institute for Population Sciences*.
16. **Socioeconomic inequalities in fertility in three rural districts of Tanzania. New evidence from a longitudinal study in rural Tanzania** • Almamy Malick Kante, *Columbia University*; Elizabeth Jackson, *Columbia University Mailman School of Public Health*; Rose Nathan, *Ifakara Health Institute, Dar Salaam*; Sigilbert Mrema, *Ifakara Health Institute - IHI*; Francis Levira, *Ifakara Health Institute - IHI*.
17. **The role of education in the partnership and family formation process in Europe and the United States** • Julia Mikolai, *University of Southampton*.
18. **The Role of Fathers: How Implicit and Explicit Messages about Parenting in Slovak Media and Legislation Relate to Lay Attitudes and Argumentation** • Magda Petrjanosova, *Slovak Academy of Sciences*; Miroslav Popper, *Slovak Academy of Sciences*; Ivan Luksik, *Slovak Academy of Sciences*; Gabriel Bainchi, *Slovak Academy of Sciences, Inst. Res. Soc. Communication*.
19. **The role of men in family childcare in Russia: socio-demographic profiles of egalitarian and traditional men** • Irina E. Kalabikhina, *Lomonosov Moscow State University*; Vladimir Kozlov, *National Research University – Higher School of Economics*.
20. **Fertility transition in Morocco: the role of men / Transition de la fécondité au Maroc : le rôle des hommes** • Muriel Sajoux, *Université de Tours UMR CITERES-Equipe Monde Arabe Méditerranée*; Saïd Chahoua, *Haut Commissariat au Plan*.

21. **When and how many? An account of women's reproductive intentions in the informal settlements of Nairobi** • **Catriona Anne Towriss**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Ian Manfred Timaeus**, *London School of Hygiene and Tropical Medicine (LSHTM)*.

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section B, Convention Hall Lobby, 3rd Floor**

**Session 172: Poster Session on Health, mortality and longevity (3) / Séance poster : Santé, mortalité et longévité (3)**

Chair / Président(e): **France Meslé**, *Institut National d'Études Démographiques (INED)*

1. **Capacité fonctionnelle des personnes âgées au Maroc** • **Mohammed Fassi Fihri**, *Centre de recherche et études démographiques HCP Maroc*.
2. **Cartographie des risques contextuels de mortalité maternelle au Burkina so** • **Hermann Badolo**, *INSD*; **Dalomi Bahan**, .
3. **Changes in population heterogeneity under the health crisis in Ukraine** • **Nataliya A. Foigt**, *Institute of Gerontology NAMS Ukraine*.
4. **Copulas and Competing Risks: Applications for Mixture Long-Term Survival Models** • **Ronny Westerman**, *University of Marburg*.
5. **Does living longer mean living healthier? Exploring Disability Free Life Expectancy in India** • **Benson Thomas M**, *Institute for Social And Economic Change*; **Sulaja S**, *University of Kerala*.
6. **Economic assessment of healthy loss as a result of population mortality at the far east of russia** • **Tatiana Komarova**, *Institute for Complex Analysis of Regional Problems Far Eastern Branch Russian Academy of Sciences*; **Anna Sukhoveeva**, *ICARP FEB RAS*.
7. **Eliminating statistical discontinuities in mortality series by causes of death: the case of East Germany** • **Pavel Grigoriev**, *Max Planck Institute for Demographic Research*.
8. **Healthy Life Expectancy in Japan, Taiwan, and the United States** • **Mark D Hayward**, *University of Texas at Austin*; **Chi-Tsun Chiu**, *University of Texas at Austin*.
9. **Heterogeneity, Family Support and Mortality at Advanced Age in China—an application of frailty models** • **Weijin Wang**, *Department of Sociology, Peking University*.
10. **Impact on health related quality of life of women suffering from Uterine Prolapse before and after surgical intervention** • **Tirtha Man Tamang**, *United Nations Population Fund (UNFPA)*; **Yagya Bahadur Karki**, *Population, Health and Development (PHD) Group*; **Shilu Adhikari**, *United Nations Population Fund*.
11. **Intergenerational social mobility across three generations and mortality risks in north-east China, 1749-1909** • **Xiaolu Zang**, *Hong Kong University of Science and Technology*.

12. **Les inégalités sociales de mortalité liées aux situations de handicap** • Alain Jourdain, *Ecole des Hautes Etudes en Santé Publique*.
13. **Mortality and preceding housing transitions at older ages: evidence from the United Kingdom** • Maria Evandrou, *University of Southampton*; Jane Cecelia Falkingham, *University of Southampton*; James Robards, *University of Southampton*; Athina Vlachantoni, *University of Southampton*.
14. **Mortality by marital status in the Czech Republic before and after transition.** • Marketa Pechholdova, *University of Economics, Prague*.
15. **Regional Differences in Diabetes Mellitus Typ 2 (T2DM) Morbidity and Mortality in North America and Europe** • Andrea Werdecker, *University of Marburg*; Ulrich Otto Mueller, *Philipps University Marburg*.
16. **Relevance of Health Knowledge in Reporting Maternal Health Complications and Utilization of Maternal Health Care in India** • Shraboni Patra, *International Institute for Population Sciences (IIPS)*; Rakesh Kumar Singh, *International Institute for Population Sciences (IIPS)*.
17. **Selected logistic models used for extrapolating mortality curves and their application to the Czech population** • Petra Dotlacilova, *University of Economics, Prague*; Ondrej Simpach, *University of Economics, Prague*; Jitka Langhamrova, *University of Economics, Prague*.
18. **The Contributions of Diseases to Disability Burden among the Elderly Population in China: Empirical Evidence for Health Policy Priorities** • he Chen, *Peking University*; Haochen Wang, *Peking University*; Eileen Crimmins, *University of Southern California*; Gong Chen, *Peking University*; Chengli Huang, *Peking University*; Xiaoying Zheng, *Peking University*.
19. **The Impact of Asbestos on Mortality in Belgium** • Laura Van den Borre, *Vrije Universiteit Brussel*; Patrick Deboosere, *Vrije Universiteit Brussel*.
20. **The impact of interventions in Primary Health Care on Preventable Hospitalizations For Ambulatory Care–Sensitive (ACSCs) of elderly in Rio de Janeiro, Brazil.** • Aline Marques, *FIOCRUZ*; Dalia Elena Romero, *Fundação Oswaldo Cruz*.
21. **What does not kill you, makes you stronger: the impact of mortality selection on East-West German mortality convergence** • Tobias C Vogt, *Max Planck Institute for Demographic Research (MPIDR)*; Trifon Ivanov Missov, *Max Planck Institute for Demographic Research*.

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section C, Convention Hall Lobby, 3rd Floor**

**Session 173: Poster session on Gender and population (1) / Séance poster : Genre et population (1)**

Chair / Président(e): **Alaka Basu**, *Cornell University*

1. **Factors affecting sex ratio at birth in Nepal: Evidence from the demographic health survey 2006** • **Devendra Prasad Shrestha**, *Tribhuvan University*.
2. **Sex-Selection in Pakistan: uncovering the truth** • **R. Batool Zaidi**, *University of North Carolina at Chapel Hill*.
3. **Alcohol, gender and reproduction: An analysis of Swedish public health campaigns against drinking during pregnancy** • **Jukka Törrönen**, *Stockholm University*; **Kalle Tryggvesson**, *Department of Criminology/Stockholm University*.
4. **Australians use of overseas providers for sex selective reproductive technology** • **Edith Gray**, *The Australian National University*; **Ann Evans**, *Australian National University*; **Anna Reimondos**, *The Australian National University*.
5. **Effects of Gender Norms Regarding Violence against Women on the Use of Prenatal Care and Skilled Birth Attendance in Rural sub-Saharan Africa** • **Visseho Adjiwanou**, *University of Cape Town*; **Thomas K. LeGrand**, *Université de Montréal*.
6. **Gay and Bisexual Men's Perceptions of Police Helpfulness in Response to Male-Male Intimate Partner Violence** • **Catherine A Finneran**, *Emory University*; **Robert Stephenson**, *Hubert department of Global Health, Rollins School of Public Health*.
7. **Gender inequality and fertility transition in Middle East: the case of Syria** • **Rana Youssef**, *Université Paris Ouest Nanterre La Défense*.
8. **Intergenerational Transmission of Gender Based Domestic Violence in India: Some New Evidence** • **Ashish Singh**, *Azim Premji University*; **Abhishek Singh**, *International Institute for Population Sciences (IIPS)*.
9. **Intimate partner violence: Not only women but also men are victims** • **Malee Sunpuwan**, *Institute for Population and Social Research, Mahidol University*.
10. **Women's emergence in North Africa; an incomplete revolution / L'émergence des femmes au Maghreb, une révolution inachevée** • **Kamel Kateb**, *Institut National d'Études Démographiques (INED)*; **France Guerin**, *INED*.
11. **Sex Selective Abortions, Fertility and Birth Spacing** • **Claus C Portner**, *Seattle University*.

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section D, Convention Hall Lobby, 3rd Floor**

**Session 174: Poster session on Education and labour force (1) / Séance poster :  
Education et emploi (1)**

Chair / Président(e): **Cynthia Lloyd**, *Population Council*

1. **A global perspective on cognitive function and educational attainment** • **Daniela Weber**, *International Institute for Applied Systems Analysis (IIASA)*.
2. Family dynamics and the school achievement of adolescents in Cameroon / **Dynamiques familiales et réussite scolaire des adolescents au Cameroun** • **Ntouda Julien**, *Association des Etudiants*; Samuel Nouetagni, *Institut de formation et de Recherche Démographiques (IFORD)*.
3. Differential school attendance in Niger: a decomposition analysis / **Fréquentation scolaire au Niger : une analyse de décomposition selon le sexe** • **Hamani Gazibo**, *Institut National de la Statistique (Niger)*; Argoze Koura Moussa, *National Statistical Institute (Niger)*.
4. Gender inequalities in schooling in Cameroon: The case of the northern regions / **Inégalités de scolarisation entre les sexes au Cameroun : cas des régions Septentrionales** • Yaouba Inna Astadjam, *Iford*; **Hélène Kamdem Kamgno**, *Institut de formation et de Recherche Démographiques (IFORD)*.
5. Continuing education and family status: an analysis of life events / **Formation continue et situation familiale: une analyse centrée sur les événements démographiques** • **Vincent Lignon**, *Institut National d'Études Démographiques (INED)*.
6. **Gender and Social differentials in Employment Situation In India** • **Vini Sivanandan**, *Gokhale Institute of Politics and Economics*.
7. **Patterns of primary and secondary school attendance in Sierra Leone** • **Mamusu Kamanda**, *University of Southampton*.
8. **The educational inequalities in Brazilian basic education** • **Raquel Pereira Alvares**, *Universidade Federal de Minas Gerais (UFMG)*; José Francisco Soares, *Sociométrica*.
9. **The Influence of socio-economic variables on female labour force participation in Kathmandu Valley, Nepal** • **Gyanendra Bajracharya**, *Central Bureau of Statistics*.
10. **Time is not a waste: What do Mexican NEETS do with their time?** • **Carla Pederzini**, *Universidad Iberoamericana*; Estela Rivero, *El Colegio De Mexico*.

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section E, Convention Hall Lobby, 3rd Floor**

**Session 175: Poster Session on International migration (2) / Séance poster : Migrations internationales (2)**

Chair / Président(e): **Alan B. Simmons**, *York University*

1. **Back home, sweet home? The post-return mobility of Senegalese and Congolese migrants** • **Marie-Laurence Flahaux**, *Université catholique de Louvain & INED*; Bruno Schoumaker, *Université Catholique de Louvain*; Cris Beauchemin, *Institut National d'Études Démographiques (INED)*.
2. **Economic re-integration of returnees in Latin America. The cases of Brazil, Ecuador, Mexico and Uruguay** • **Martín Koolhaas**, *Universidad de la República & Instituto Nacional de Estadística*; **Victoria Prieto**, *Universidad de la Republica*.
3. **International migration of return in Brazil: a new challenge?** • **Romerito Valeriano da Silva**, *Pontifícia Universidade Católica de Minas Gerais*; Duval Magalhaes Fernandes, *Pontifícia Universidade Católica de Minas Gerais*.
4. **Living Conditions and Intension of Future Movement among Return Migrants: A special reference to International Female Domestic Workers from Kerala, India** • **Reshmi Ramachandran Sukumari**, *Institute of Health Management Research*.
5. **Migration and divorce in Sweden: Evidence from population registers** • **Kirk Scott**, *Lund University*; Gunnar Andersson, *Stockholm University*.
6. **Migration effects of fertility: the case of Russian migrants in Estonia** • **Lili Abuladze**, *Estonian Interuniversity Population Research Centre, Tallinn University*; Leo Van Wissen, *University Of Groningen*; Leen Rahnu, *Tallinn University, Institute of demography*; Arieke Rijken, *Netherlands Interdisciplinary Demographic Institute (NIDI)*.
7. **Mobilités et frontières : une étude spatiale pour l'Amazonie légale brésilienne à partir du recensement démographique de 2010** • **Juliana Mota Siqueira**, *Universidade Federal de Minas Gerais (UFMG)*; Dimitri Fazito, *Federal University of Minas Gerais*; Alan R Silva, *Univity of Brasilia*; Oeyen Mariana, *Universidade Federal de Minas Gerais (UFMG)*.
8. **Return International Migration: a study from Portugal to Brazil at the beginning of the XXI century** • **Carolina dos Santos Nunan**, *Pontifícia Universidade Católica de Minas Gerais*; **Duval Magalhaes Fernandes**, *Pontifícia Universidade Católica de Minas Gerais*; João Peixoto, *ISEG, Universidade Técnica de Lisboa*.
9. **Return migration by time spent in Sweden** • **Christian Skarman**, *Statistics Sweden*; **Lena Lundkvist**, *Statistics Sweden*; **Andreas Raneke**, *Statistics Sweden*.

10. **Return migration in Latin American contexts: who are returning from US? Are they different or not by countries?** • Salvador David Cobo, *Centro de Estudios Migratorios - Unidad de Política Migratoria - México.*
11. **Revisiting the motivations of remittance behavior: evidence of debt-financed migration from Afghanistan** • Craig Loschmann, *Maastricht University*; Melissa Siegel, *Maastricht University, School of Governance.*
12. **The effects of migration on children's activities in households at origin: Evidence from Senegal** • Ousmane Faye, *Consortium pour la Recherche Economique et Sociale - CRES*; Fatou Cisse, *University of Dakar, Senegal.*
13. **The Impact of International Migration on the Labour Market Behaviour of Women left-behind: Evidence from Senegal** • Cora Mezger, *University of Sussex*; Sorana Toma, *University Of Oxford.*
14. **The role of the family for return migration, reintegration and re-emigration in Armenia** • Annett Fleischer, *European University Institute.*
15. **To the issue of international migration and nuptiality in the concept of the fourth demographic transition** • Vladimir Iontsev, *Moscow State University*; Yulia Prokhorova, *Lomonosov Moscow State University.*
16. **Un rapprochement aux territoires des frontières : des réflexions sur la mobilité autre que la migration et la migration de retour à la frontière Paraguayo-Brésilienne.** • Oeyen Mariana, *Universidade Federal de Minas Gerais (UFMG)*; Juliana Mota Siqueira, *Universidade Federal de Minas Gerais (UFMG)*; Dimitri Fazito, *Federal University of Minas Gerais.*

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section F Convention Hall Lobby, 3rd Floor**

**Session 176: Poster session on Spatial demography / Séance poster : Démographie spatiale**

Chair / Président(e): **Martin Bell**, *The University of Queensland*

1. **" Problem of Depopulation and Employment In Amami Islands – Japan : Lesson Learn For Indonesia "** • Titik Handayani, *Research Center for Population , Indonesian Institute of Sciences.*
2. **A multilevel analysis of neighbourhood effects on the use of antenatal care in Nigeria** • Dorothy Ngozi Ononokpono, *University of the Witwatersrand, Johannesburg*; Clifford Obby Odimegwu, *University of the Witwatersrand.*
3. **A new way to think about demographic projection and urban sprawl scenarios in small areas** • Glauco Umbelino, *Fundação João Pinheiro*; Alisson F Barbieri, *Universidade Federal de Minas Gerais (UFMG)*; Clodoveu Davis Jr, *Department of Computer Science – Icx/UFMG/Brazil.*

4. **Do women bypass village services for better maternal health care in clinics? A case study of antenatal care seeking in three rural Districts of Tanzania** • Christine E Chung, *Columbia University*; Almamy Malick Kante, *Columbia University*; Amon Exavery, *Ifakara Health Institute*; Colin Baynes, *Columbia University/Ifakara Health Institute*; Kate Ramsey, *Columbia University*; Ahmed Hingora, *Ifakara Health Institute*; Stephane Helleringer, *Columbia University*; James F. Phillips, *Columbia University*.
5. **Early warning signs and implications of non- metropolitan population loss in Anglo Settler Countries** • David Ian Pool, *University of Waikato*; Natalie Olivia Jackson, *University of Waikato*.
6. **Looking for the causes of the increasing gap in intra-metropolitan fertility: the Spanish case** • Isabel Pujadas Rubies, *Universitat de Barcelona*; Jordi Bayona, *Universitat de Barcelona*; Fernando Gil-Alonso, *Universitat de Barcelona*; Cristina López Villanueva, *Facultat Economia i Empresa. Universitat de Barcelona*; Antonio Lopez Gay, *Centre d'Estudis Demografics*.
7. **Mapping Demographic and Health Surveys (DHS): a method to estimate regional trends of a proportion** • Joseph Larmarange, *Institut de Recherche pour le Développement (IRD)*.
8. **Measuring spatial segregation: a proposal of segregation index complementary measures.** • Aurélien Dasre, *Institut National d'Études Démographiques (INED)*.
9. **Population Growth and an Analysis of the Poverty in the Brazilian Medium-Sized Cities** • Douglas Sathler, *Universidade Federal de Minas Gerais (UFMG)*; Everton E. Campos De Lima, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
10. **Regional and Socio-economic Dimensions of the Obesity “Epidemic” in na** • Samuel Agyei - Mensah, *University of Ghana*; Fidelia A. A. Dake, *Regional Institute For Population Studies, University Of Ghana*.
11. **Socio-spatial exclusion and health: case study of an urban slum in India** • Rakesh Chandra, *Jawaharlal Nehru University*; Saradiya Mukherjee, *JNU*.
12. **Spatial Analysis of Access to Postpartum Sterilization in two U.S. States** • Amanda J Stevenson, *The University of Texas at Austin*; Joseph E Potter, *University of Texas at Austin*.
13. **Spatial Heterogeneity of Disturbed Sleep in Taiwan from 2001 to 2005** • Duan-Rung Chen, *National Taiwan University*.
14. **Spatial Variations in Covariates on Fertility in 2005 and 2010: Geographically Weighted Regression for Small Area Estimates of TFR in Japan** • Kenji Kamata, *National Institute of Population and Social Security Research*; Miho Iwasawa, *National Institute of Population and Social Security Research*.

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section G Convention Hall Lobby, 3rd Floor**

**Session 177: Poster session on HIV/AIDS and STDs (1) / Séance poster : VIH/sida et MST (1)**

Chair / Président(e): **Sara Hertog**, *United Nations*

1. **High adolescent fertility: Implications for health and education of offspring and safe motherhood in rural Uganda** • **Jessica Nakiyingi-Miiro**, *MRC/UVRI Uganda Research Unit On AIDS*; Ivan Kasamba, *MRC/UVRI Uganda Research Unit On AIDS*; Janet A Seeley, *University of East Anglia*; Vincent Basajja, *MRC/UVRI Uganda Research Unit on AIDS*; George Miiro, *Uganda Virus Research Institute*; Pontiano Kaleebu, *MRC/UVRI Uganda Research Unit on AIDS*.
2. **Impact Evaluation of Community Group Membership on Physical Violence and HIV/AIDS Prevention among Female Sex Workers in AVAHAN districts of India** • **Diwakar Yadav**, *FHI 360, New Delhi, INDIA*; Prabuddhagopal Goswami, *Fhi 360*; Lakshmi Ramakrishnan, *FHI 360, New Delhi, INDIA*; Bitra George, *FHI 360, New Delhi, INDIA*; Shrabanti Sen, *Fhi 360*; Ramesh S Paranjape, *National AIDS Research Institute, INDIA*; Shreena Ramanathan, *Fhi 360*.
3. **Knowledge and uptake of HIV intervention and prevention services in Manicaland, Zimbabwe: Current determinants of coverage and progress over time** • **Nadine Schur**, *Imperial College London*; Constance Nyamukapa, *Biomedical Research & Training Institute & Imperial College London*; Simon Gregson, *Imperial College London*.
4. **Patterns and risk factors for HIV infection in children in eastern Zimbabwe** • Erica L Pufall, *Imperial College London*; Jeffrey W Eaton, *Imperial College London*; Albert Takaruzza, *Biomedical Research and Training Institute, Harare, Zimbabwe*; Laura Robertson, *Imperial College London*; Constance Nyamukapa, *Biomedical Research & Training Institute & Imperial College London*; **Simon Gregson**, *Imperial College London*.
5. **Poverty, sexual behaviour, gender and HIV infection among young black men and women in Cape Town, South Africa** • Nicoli Natrass, *University of Cape Town*; **Brendan Maughan-Brown**, *University of Cape Town*; Jeremy Seekings, *University of Cape Town*; Alan Walter Whiteside, *University of KwaZulu-Natal*.
6. **Scale up the provision of comprehensive PMTCT services, using the Linked Response approach in Cambodia** • **SIM Sophay**, *National Center for HIV/AIDS, Dermatology and STD (NCHADS)*; Thérèse Delvaux, *Institut de Médecine Tropicale, Anvers*.
7. **Sociocultural Factors Related with Adherence to Antiretroviral Therapy for People Living with HIV AIDS in West Java and Bali provinces, Indonesia** • **Yuyun Yuniar**, *National Institute of Health Research and Development*; Rini Sasanti Handayani, *National Institute of Health Research and Development*; Ni Ketut Aryastami, *NIHRD*; Uly Adhie Mulyani, *NIHRD*.

8. **Vulnerability to AIDS: an empirical analysis of socio-economic attributes of the infected people in Mizoram, India** • **Debendra Kumar Nayak**, *North-Eastern Hill University*; Khupmuanlal Zou, *North Eastern Hill University*.

**Thursday 29 August / Jeudi 29 août**

**12:00 - 13:30**

**Poster Section H Convention Hall Lobby, 3rd Floor**

**Session 178: Poster session on Children and youth / Séance poster : Enfants et jeunes**

Chair / Président(e): **K.G. Santhya**, *Population Council*

1. **Causality between child health, living standards and economic growth in sub-Saharan Africa / Causalité entre Santé infantile, niveau de vie et croissance économique en Afrique subsaharienne** • **Roméo Gnadé Boyé**, *Université Félix Houphouët Boigny / CIRCES*; Auguste Konan Kouakou, *Centre ivoirien de recherches économiques et sociales*.
2. **Changes in Health inequality among Korean adolescents before and after school meals** • **Eunyoung Shim**, *Seoul National University*.
3. **Determinants of current cigarette smoking among Chinese youth: findings from a national survey** • **Wei Guo**, *Nanjing University*; Youhua Chen, *Nanjing University*; Lei Zhang, *Institute of Population Research, Peking University*; Xiaoying Zheng, *Peking University*.
4. **Does early age of menarche lead to an early age of coitarche? Reproductive health experience, behavior and pregnancy among adolescents in the Philippines / Des règles précoces conduisent-elles à une activité sexuelle précoce ? Santé reproductive, comportements et grossesses chez les adolescents aux Philippines** • **Christian Joy P Cruz**, *University of the Philippines Population Institute (uppi)*.
5. **Drink, pray, love: Family, religion, and risk behavior among high school students in three municipalities of Minas Gerais, Brazil** • **Paula Miranda-Ribeiro**, *CEDEPLAR, Universidade Federal de Minas Gerais*; Álida Rosária Silva Ferreira, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
6. **Education of the Ecological Immigrant Children as Ethnic Minorities in Sanjiangyuan region** • **Ru Jia**, *Peking University*.
7. **Etude comparative et évolutive de la fécondité des adolescentes face à la montée de la modernisation : Cas des sous-régions de : l'Afrique de l'Est, l'Afrique centrale et l'Afrique de l'Ouest** • **Tolno Fassa Daniel**, *Institut National de la Statistique (INS)*.
8. **Familial Factors and Life Satisfaction Impact on Risk of Psychological Difficulties among Children** • **Aksarapak Lucktong**, *Mahidol University*; Aree Jampaklay, *Mahidol University*.
9. **Influence of internet use on sexual behaviour of young persons in Ibadan North local government area Oyo state, Nigeria** • **Oyedunni Sola Arulogun**, *University of Ibadan*.

10. Children's experiences of living within different families in Russia / **L'expérience du séjour des enfants dans des familles différents en Russie** • **Elena Churilova**, *New Economic School/ Higher School of Economics*.
11. **Living in single-parent families and the human capital achievement by children aged 15-19 years in Iran** • **Hossein Mahmoudian**, *University of Tehran*; **Mohammad Torkashvand**, *University of Tehran*.
12. **Meaning of Sexual rights and child abuse among primary school children in Bangkok, Thailand** • **Khemika Yamarat**, *Chulalongkorn University*.
13. **Models for waiting time to first conception for females of lower ages at marriage: A comparative approach** / Modèles de délai d'attente de la première conception chez les femmes mariées à un âge précoce : une approche comparative • **Shilpi Ms Tanti**, *Banaras Hindu University*; **Kaushalendra Kumar Singh**, *Banaras Hindu University*.
14. **Politics, religion, and the Internet: A survey of attitudes and aspirations of the Indonesian youth bulge** • **Iwu Dwisetyani Utomo**, *Australian National University*; **Ariane Utomo**, *Australian National University*; **Anna Reimondos**, *The Australian National University*; **Peter McDonald**, *Australian National University*; **Terence H Hull**, *Australian National University*.
15. **Population growth, youths bulge and social conflict - The challenge of the nation building process of Asia's newest nation - Timor-Leste** • **Udoy Saikia**, *Flinders University*; **Merve Hosgelen**, *Flinders University*; **Gouranga L. Dasvarma**, *Flinders University*.
16. **Premarital sex among adolescents and youths in Vietnam: Findings from the national survey** • **Quang Lam Tran**, *Management Sciences for Health, Vietnam*; **Thi Mai Nguyen**, *General Office for Population and Family Planning*; **Diem Hong Tran**, *Hanoi National Economics University (PhD candidate)*.
17. **Socio-Demographic Determinants of Adolescent Fertility in Zambia** / Les déterminants socio-démographiques de la fécondité adolescente en Zambie • **Nwamaka Chinwe Nwogwugu**, *University of the Witwatersrand, Johannesburg*; **Clifford Obby Odimegwu**, *University of the Witwatersrand*; **chidimma Maureen mbanefo**, *University of Witwatersrand*.
18. **Teenage Pregnancy in Mexico** / -Grossesses adolescentes au Mexique • **Olga V. Serrano**, *UNAM*; **ian quallenberg**, *Universidad Nacional Autónoma de México*; **Itzel Adriana Sosa Sánchez**, *Université de Laval*.
19. **The impact of school characteristics on adolescent smoking in South Korea** • **Boram Kim**, *Seoul National University*.

**Thursday 29 August / Jeudi 29 août**  
**13:30 - 15:00**  
**Room 101, Convention Hall, 1st Floor**

**Session 179: Health systems and urban areas / *Les systèmes de santé en milieu urbain***

Chair / Président(e): **Eleri Jones**, *London School of Economics*

1. **Assessment of the Second Urban Primary Health Care Project in Bangladesh** • **Brian Chin**, *Asian Development Bank*; Annie Chu, *World Health Organization-Western Pacific Regional Office*; Muhammad Ziaul Hoque, *Urban Primary Health Care Services Delivery Project, Local Govt. Division, Ministry of LGRD&C, Bangladesh*.
2. **Rural-urban differences in health worker motivation and quality care in health facilities in Ghana** • **Alhassan Kaba Robert**, *Noguchi memorial institute for medical research, university of Ghana, Legon*; Edward Nketiah-Amponsah, *University of Ghana*; Stephen Kwasi Opoku Duku, *Noguchi Memorial Institute for Medical Research, University of Ghana, Legon*; Christine J. Fenenga, *Amsterdam Institute for Global Health and Development (AIGHD) and University of Groningen*.
3. **Urban health challenge through the capability lens : case studies in Accra and Bama-ko** • **Claudine Sauvain-Dugerdil**, *Université de Genève*; Allan G. G Hill, *Harvard School of Public Health*; Nediarka Douptcheva, *Harvard School of Public Health*; Mathias Lerch, *Institut d'études démographiques et du parcours de vie*.
4. **Urban Inequalities in antenatal care and facility birth for 33 countries: Evolution over time** • **Andrew "Amos" Channon**, *University of Southampton*.

**Thursday 29 August / Jeudi 29 août**  
**13:30 - 15:00**  
**Room 102, Convention Hall, 1st Floor**

**Session 180: The impact of health interventions and programmes on mortality / *L'influence des programmes et des interventions sanitaires sur la mortalité***

Chair / Président(e): **Gilles Pison**, *Institut National d'Études Démographiques (INED)*

Discussant: **Bruno Masquelier**, *Université Catholique de Louvain*

1. **The effect of early-life exposure to water-borne diseases on old-age mortality in the United States** • **Magdalena Maria Muszyńska**, *Warsaw School of Economics*; Roland Rau, *University of Rostock*.
2. **Effets possibles de la vitamine A postpartum et le rôle de l'éducation de la mère sur la survie des enfants au Bénin** • **Fortuné Sossa**, *Université de Montréal*; Thomas K. Le-Grand, *Université de Montréal*.
3. **Impact of effective coverage of antenatal care on neonatal mortality in India** • **Yarlini Balarajan**, *United Nations Children's Fund (UNICEF)*.

4. **The Impact of Health Intervention and Programmes on Mortality - A Case of Early Age Mortality in Nepal** • Yagya Bahadur Karki, *Population, Health and Development (PHD) Group*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 103, Convention Hall, 1st Floor**

**Session 181: Evolving families and child wellbeing / *Recomposition des familles et bien-être des enfants***

Chair / Président(e): **Céline Le Bourdais**, *McGill University*

Discussant: **Solène Lardoux**, *Université de Montréal*

1. **Children in the conjugal environment of their parents – what are the effects of changes to household composition? / Les enfants face au climat conjugal de leurs parents – quels sont les effets des changements de composition du ménage ?** • **Didier Breton**, *Université de Strasbourg / Ined*; **Nicolas Cauchi-Duval**, *Université de Strasbourg*.
2. **Consequences of Marital Conflict and Divorce for Child Development in South Korea** • **Hyun Sik Kim**, *Kyung Hee University*.
3. **Family Structure and Child Health in the UK: Pathways to Health** • **Lidia Panico**, *Institut National d'Études Démographiques (INED)*; **Melanie Bartley**, *University College London*; **Yvonne Kelly**, *University of Essex*; **Anne McMunn**, *University College London*; **Amanda Sacker**, *University of Essex*.
4. **Educational Achievement and Family Structure: Time and Money, Period** • **Patrick Heuveline**, *University of California, Los Angeles*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 104, Convention Hall, 1st Floor**

**Session 182: Return migration: trends and consequences / *Migrations de retour : tendances et conséquences***

Chair / Président(e): **Ibrahim Sirkeci**, *Regents College London*

1. **Labour market activity, occupational change and return migration: evidence on Indians in the Gulf** • **Mathias Czaika**, *International Migration Institute -University of Oxford*; **Maria Villares-Varela**, *University Of Oxford*.
2. **La migration de retour au Maroc: A propos d'une enquête** • **Mohamed Khachani**, *Association Marocaine d'Etudes et de Recherches sur les Migrations (AMERM)*.
3. **Gender Runs Through It: Displacement and Repatriation of Filipino Migrant Workers from Libya and Syria** • **Maruja Milagros Asis**, *Scalabrini Migration Centre, Philippines*.

4. **Should I stay or should I go? How Arab Spring and Economic Crisis affected return intentions?** • **Elena Ambrosetti**, *Università di Roma La Sapienza*; Eralba Cela, *Polytechnic University of Marche*; Catharina Fokkema, *Netherlands Interdisciplinary Demographic Institute (NIDI)*; Angela Paparusso, *Sapienza University of Rome*; Viviana Premazzi, *Università degli Studi Di Milano*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 105, Convention Hall, 1st Floor**

**Session 183: The economics of population ageing / *Aspects économiques du vieillissement démographique***

Chair / Président(e): **Alexia Fuernkranz-Prskawetz**, *Vienna University of Technology*

Discussant: **Miguel Sanchez Romero**, *Max Planck Institute for Demographic Research (MPIDR)*

1. **Quantifying policy tradeoffs to support aging populations** • Warren Sanderson, *SUNY Stony Brook*; **Sergei Scherbov**, *International Institute for Applied Systems Analysis (IIASA)*; Marija Mamolo, *Vienna Institute of demography, austrian Academy of Sciences*.
2. **Labor Force Projections for India and China by Age, Sex, and Highest Level of Educational Attainment, 2010 to 2060** • **Elke Loichinger**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OeAW, WU)*, *Vienna University of Economics and Business*.
3. **Population Ageing, Retirement Age Extension and Economic Growth in China** • **Xiujian Peng**, *Monash university*.
4. **Population aging, pensions and social protection: A macroeconomic examination of challenges** • **Michael Herrmann**, *United Nations Population Fund (UNFPA)*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 106, Convention Hall, 1st Floor**

**Session 184: Gender and population / *Genre et population***

Chair / Président(e): **Alaka Basu**, *Cornell University*

1. **How do Gender Preferences Affect Number of Children in a Family?** • **Jian Song**, *Center for Population and Development Studies, School of Sociology and Population Studies, Renmin University of China*; Ye Tao, *Renmin University of China*.
2. **Life Situations of Young Fathers in Greater Jakarta, Indonesia** • **Iwu Dwisetyani Utomo**, *Australian National University*.
3. **Population and changes in Gender Inequalities in Latin America** • **Jose Eustaquio Diniz Alves**, *Brazilian Bureau of the Census*; Suzana M Cavenaghi, *National School of Statistical Science at The Brazilian Institution of Geography and Statistics - ENCE/IBGE*; George Martine, *Independent Consultant*.

4. **Women's autonomy, education and birth intervals: visiting the less familiar** • Santosh Jatrana, *Alfred Deakin Research Institute, Deakin University*; Samba Siva Rao Pasupuleti, *Alfred Deakin Research Institute*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 107, Convention Hall, 1st Floor**

**Session 185: Demographic behaviour of colonial populations / *Comportements démographiques des populations coloniales***

Chair / Président(e): **Raquel Gil-Montero, CONICET**

1. **Exchange marriages between sibsets: A sibling connection beyond marriage, Québec 1660-1760** • Marianne Caron, *Université de Montréal*; Lisa Dillon, *Université de Montréal*.
2. **Demographic responses to colonization among indigenous populations: Migration and mortality in 19th century northernmost Sweden** • Lotta Vikström, *Umeå University*; Glenn Sandström, *Umeå University*; Emil Marklund, *Umeå University*.
3. **The mad, the bad and the sad: life courses of convict women transported to Van Diemen's Land** • Rebecca Kippen, *University of Melbourne*; Janet McCalman, *University of Melbourne*.
4. **Demography of DR Congo under Belgian mercantile colonialism, 1885-1940 / La démographie de la RD Congo sous le régime du colonialisme mercantile belge, 1885-1940** : • Anatole Romaniuc, *University Of Alberta*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 108, Convention Hall, 1st Floor**

**Session 186: Historical demography of East Asia from household registers / *Démographie historique de l'Asie orientale à partir des registres des ménages***

Chair / Président(e): **Cameron Campbell, UCLA**

Discussant: **Zhongwei Zhao, Australian National University**

1. **Age patterns of migration among Korean adults in the early 20th century** • Bongoh Kye, *Kookmin University*; Heejin Park, *Kyungpook National University*.
2. **Demographic Responses to Economic Stress and Household Context in Three Northeastern Japanese Villages 1708-1870** • Noriko Tsuya, *Keio University*; Satomi Kurosu, *Reitaku University*.
3. **Marriage, household formation and social mobility in colonial Taiwan: A new occupational database for Taiwanese family history.** • Wen-shan Yang, *Academia Sinica*; Xingchen C.C. Lin, *Institute of European and American Studies, Academia Sinica*.

4. **'Escape' in 'Unfree' East Asian Populations, 1700-1900** • Hao Dong, *Hong Kong University of Science and Technology*; James Lee, *Hong Kong University of Science and Technology*; Satomi Kurosu, *Reitaku University*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 109, Convention Hall, 1st Floor**

**Session 187: Getting published in peer-reviewed journals: What editors look for / *Publier dans des revues à comité de lecture : les exigences des comités de rédaction***

Chair / Président(e): **Fran Althaus**, *Guttmacher Institute*

1. **International Perspectives on Sexual and Reproductive Health** • Fran Althaus, *Guttmacher Institute*.
2. **Genus** • Graziella Caselli, *Università di Roma - La Sapienza*.
3. **Population** • Laurent Toulemon, *Institut National d'Études Démographiques (INED)*.
4. **Population and Development Review** • Geoffrey McNicoll, *Population Council*
5. **Population Studies** • Wendy Sigle-Rushton, *London School of Economics and Political Science (LSE)*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 110, Convention Hall, 1st Floor**

**Session 188: The demography of ethnicity, culture and language / *Ethnicité, culture et langue : aspects démographiques***

Chair / Président(e): **Guy Stecklov**, *Hebrew University*

Discussant: **René Houle**, *Statistics Canada*

1. **Collecting ethnic and racial data in censuses and surveys: Latin American experience. The cases of Brazil, Colombia, Mexico and Peru** • Fernando Urrea-Giraldo, *Universidad del Valle*.
2. How to measure religious affiliation and its influence on demographic behavior? An evaluation based on longitudinal data from rural Mali / **Comment mesurer l'appartenance religieuse et son influence sur les comportements démographiques ? Une évaluation à partir de données longitudinales en milieu rural malien.** • Aurélien Dasre, *Institut National d'Études Démographiques (INED)*; Véronique Hertrich, *Institut National d'Études Démographiques (INED)*.
3. **Fertility Dynamics in Israel and the West Bank: Accounting for Individual and Group Level Effects** • Anaïs Simard-Gendron, *University of Montreal*; Simona Bignami, *Université de Montréal*.

4. **Societal turbulence and demographic response in Central Asia: Ethnic-specific fertility trends in Kyrgyzstan** • Lesia Nedoluzhko, *Stockholm University*; Victor Agadjanian, *Arizona State University*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 189: Will middle-income countries reach below-replacement fertility? / Les pays à revenu intermédiaire atteindront-ils un taux de fécondité inférieur au seuil de remplacement ?**

Chair / Président(e): **Anne Gauthier**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*

1. **Fertility increase in Central Asia: Why, how?** • **Thomas Spoorenberg**, *United Nations Population Division*.
2. **Fertility Transition, Convergence and Low Fertility Clubs, and Factors Associated with Low and Lowest-Low Fertility in India** • **Srinivas Goli**, *International Institute for Population Sciences (IIPS)*.
3. **Toward replacement level : unexpected recent changes in Maghrebianty** • **Jacques Vallin**, *Institut National d'Études Démographiques (INED)*; **Zahia Ouadah-Bedidi**, *University Paris Diderot (URMIS) / Institut National d'Études Démographiques (INED)*.
4. **Work and Family Conflict, Gender and Low Fertility in Brazil** • **Helena Cruz Castanheira**, *UPENN*; **Hans-Peter Kohler**, *University of Pennsylvania*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 190: Contraception, unintended pregnancy and induced abortion / Contraception, grossesses non désirées et avortement provoqué**

Chair / Président(e): **Fatima Juarez**, *El Colegio De Mexico*

Discussant: **John B. Casterline**, *Ohio State University*

1. **The impact of contraceptive failure on unintended births and induced abortions** • **Sarah E.K. Bradley**, *University of California Berkeley*; **Trevor Croft**, *MEASURE DHS, ICF International*; **Shea Oscar Rutstein**, *ICF International, Inc.*.
2. **The Relative Risk Associated with Initiation of Contraceptive Use in India** • **Rohit Kumar Singh**, *Sambodhi Research and Communication*.
3. **Incidence of Unintended Pregnancies Worldwide in 2012 and Trends Since 1995** • **Susheela D Singh**, *Guttmacher Institute*; **Gilda Sedgh**, *Guttmacher Institute*; **rubina hussain**, *Guttmacher Institute*; **Michelle Eilers**, *Guttmacher Institute*.

4. **Contraceptive discontinuation and abortion: exploring the links in Pakistan** • **Kanwal Eshai**, *Population Council*; **Saman Naz**, *Alif Ailaan*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 191: Sideline demographic methods and data / Méthodes et données décalées en démographie.**

Chair / Président(e): **Gilbert Brenes-Camacho**, *University of Costa Rica*

1. **Family Size of Children and Women during the Demographic Transition** • **David Lam**, *University of Michigan*; **Leticia Marteleto**, *University of Texas at Austin*.
2. **Abridged Adult Mortality Table from Cumulative Life Table Survival Ratios –  $T(x+5)/T(x)$  above Age 5: Two New Approaches** • **Subrata Lahiri**, *Independent Consultant and Researcher in Population Studies*.
3. **Bayesian Reconstruction of Past Populations and Vital Rates by Age for Developing and Developed Countries** • **Mark C Wheldon**, *Auckland University of Technology (AUT)*; **Adrian E. Raftery**, *University of Washington*; **Samuel Clark**, *University of Washington*; **Patrick Gerland**, *United Nations Population Division (Population Estimates and Projections Section)*.
4. **Old and New Measures of Population Replacement - A Comparative Review with Application to European countries** • **Giampaolo Lanzieri**, *Statistical Office of the European Union (EUROSTAT)*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 192: Contrasting fertility patterns and explanations: East Asia compared with other low-fertility regions / Modèles de fécondité contrastés : comparaison entre l'Asie orientale et d'autres régions à faible fécondité**

Chair / Président(e): **Ronald R. Rindfuss**, *University of North Carolina at Chapel Hill*

1. **A case for "reverse one-child" policies in East Asia? Examining the link between education costs and lowest-low fertility** • **Poh Lin Tan**, *Duke University*; **S. Philip Morgan**, *Duke University*; **Emilio Zagheni**, *Queens College, City University of New York (CUNY)*.
2. **Family Policy and Fertility Rate in Five East Asian Countries** • **Joyce Yonghee Shim**, *Columbia University*; **Myung Jin Hwang**, *Korea University*.
3. **Fertility Intentions and Behavior in a Lowest-Low Fertility Country: Findings from Korea** • **Erin Hye-Won Kim**, *National University of Singapore*.

4. **Is Reunification the Answer to Low Fertility in South Korea? Lessons Learned from German Reunification** • Elizabeth Hervey Stephen, *Georgetown University*.

**Thursday 29 August / Jeudi 29 août**

**13:30 - 15:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 193: Spatial Patterns and Determinants of Demographic Outcomes /  
*Modèles et déterminants spatiaux des comportements démographiques***

Chair / Président(e): **Antonio Lopez Gay**, *Centre d'Etudis Demografics*

1. **The spaces and places of food security: learning from spatial, hierarchical, and econometric models in urban data-poor areas.** • **Anna Carla Lopez**, *San Diego State University*; David Lopez-Carr, *University of California, Santa Barbara, Department of Geography*; Laura Grant, *UWM*; John R. Weeks, *San Diego State University*.
2. **Spatial, Social, and Institutional Determinants of Child Delivery Place in Rural Mozambique** • Victor Agadjanian, *Arizona State University*; **Jing Yao**, *Arizona State University*; Sarah Hayford, *Arizona State University*.
3. **Spatial analysis for understanding contextual factors of variation in early marriage trends in Bangladesh** • **Jennifer A Curran**, *University of North Carolina at Chapel Hill*; Nahid Kamal, *London School of Economics*.
4. **Does Place of Birth Matter? Spatial Analysis of Infant and Under-five Mortality Rates in India** • **Ankush Agrawal**, *Indian Institute of Technology Delhi*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 101, Convention Hall, 1st Floor**

**Session 194: Using DHS data to describe scale and pattern of HIV epidemic /  
*L'utilisation des données des EDS pour décrire le niveau et le profil de l'épidémie de VIH***

Chair / Président(e): **Samuel Clark**, *University of Washington*

Discussant: **Georges Reniers**, *London School of Hygiene and Tropical Medicine (LSHTM)*

1. **Exploring the Linkages between Domestic Violence and HIV** • **Kerry LD MacQuarrie**, *University of Washington*; Rebecca A Winter, *ICF Macro*; Sunita Kishor, *Macro International Inc.*.
2. **Increasing Awareness of HIV/AIDS Among Women in Central Asia: How Much and for Whom?** • **Cynthia Jane Buckley**, *University of Illinois, Urbana Champaign*.
3. **Prevalence of HIV among women in Malawi: Identify the most-at-risk groups for targeted and cost-effective interventions** • **Jacques Be-Ofuriyua Emina**, *University of Kinshasa*; Mathias Kuepie, *CEPS/ INSTEAD, Luxembourg*; Yazoume Ye, *ICF International*; Nyo-

vani Madise, *University of Southampton*; Eliya Msiyaphazi Zulu, *African Institute for Development Policy (AFIDEP)*.

4. **Urban-rural differentials in the association between HIV infection and poverty in Kenya** • **Monica Akinyi Magadi**, *University of Hull*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 102, Convention Hall, 1st Floor**

**Session 195: The health transition and mortality decline: the impact of interventions and programmes / *Transition de santé et déclin de la mortalité : l'impact des interventions et des programmes***

Chair / Président(e): **Banza Baya**, *University of Ouagadougou*

1. **A pay-for-performance innovation for improving maternal health services in Bangladesh** • **Ubaidur Rob**, *Population Council*; Md. Noorunnabi Talukder, *Population Council*; Laila Rahman, *University of Toronto*; Ismat Ara Hena, *Population Council*; Mst. Farhana Akter, *Population Council*; Nargis Sultana, *Population Council*.
2. **Can Community Health Services Offset the Effect of Poverty and Low Maternal Educational Attainment on Childhood Mortality? Evidence from the Navrongo Experiment in Northern Ghana** • **Ayaga A. Bawah**, *Columbia University*.
3. **Health transition before and after 1995 health reform in Taiwan** • **Chi-Tsun Chiu**, *University of Texas at Austin*; **Meng-Fan Mandy Li**, *Shih Chien University*; **Yasuhiko Saito**, *Nihon University*.
4. **Survival after colorectal cancer in a screened vs an unscreened population** • **Astri Syse**, *Norwegian Social Research*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 103, Convention Hall, 1st Floor**

**Session 196: Family living arrangements and children wellbeing / *Conditions de vie familiales et bien-être des enfants***

Chair / Président(e): **Dana Hamplova**, *Institute of Sociology ASCR*

Discussant: **Zenaida Ravanera**, *University Of Western Ontario*

1. **Childhood residential mobility and adult outcomes** • **Marianne Tønnessen**, *Statistics Norway*; Kjetil Telle, *Statistics Norway*; **Astri Syse**, *Norwegian Social Research*.
2. **Family Structure, Housing and Child Health** • **Wendy Sigle-Rushton**, *London School of Economics and Political Science (LSE)*.
3. **Family Complexity and Child Health in Botswana** • **Oleosi Ntshebe**, *University of Southampton*.

4. **Parental Migration and the Emotional Well-Being of Children in Ghana, Nigeria, and Angola** • **Valentina Mazzucato**, *Maastricht University*; Victor Cebotari, *Maastricht University*; Angela Veale, *University College Cork*; marzia - grassi, *institute of social sciences - university of lisbon*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 104, Convention Hall, 1st Floor**

**Session 197: The children of migrants and their transition to adulthood / *Les enfants des migrants et leur transition vers l'âge adulte***

Chair / Président(e): **Laura Bernardi**, *University of Lausanne*

Discussant: **Kirk Scott**, *Lund University*

1. **L'entrée en vie adulte des fils et filles d'immigrés** • **Christelle Hamel**, *Institut National d'Études Démographiques (INED)*; Moguerou Laure, *Université Paris Ouest Nanterre La Défense*; Santelli Emmanuelle, *CNRS*.
2. **Race and Gender Inequalities Faced by Immigrants' Descendants when Entering the French Labor Market** • **Elsa Steichen**, *Institut National d'Études Démographiques (INED)*.
3. **Transitions to residential independence among young second generation migrants in the UK: The role of ethnic identity** • **Ann M Berrington**, *University of Southampton*; Peter Tammes, *University of Southampton*.
4. **Family poverty and the socioeconomic attainments of youths of immigrants** • **Lisa Kaida**, *Memorial University of Newfoundland*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 105, Convention Hall, 1st Floor**

**Session 198: Economic situation of elderly / *La situation économique des personnes âgées***

Chair / Président(e): **Gustavo De Santis**, *University of Florence*

1. **Because they're worth it! The economic value of informal care provided to French people aged 75 years and over** • Berengere Davin, *Inserm, UMR912 (SESSTIM), Aix Marseille University, ORS PACA*; **Alain Paraponaris**, *UMR Inserm 912 & ORS PACA*; Christel Protiere, *Inserm U912*.
2. **Old and Poor: the Case of Elderly Poverty in East Java, Indonesia** • **Evi Nurvidya Arifin**, *Institute of Southeast Asian Studies*.
3. **Out-of-pocket expenditure on health care among elderly and non-elderly households in India** • **Rajesh Kumar Chauhan**, *Population Research Centre, Department of Economics*,

*University of Lucknow; Sanjay K Mohanty, International Institute for Population Sciences (IIPS); Sumit Mazumdar, Cssc; Akanksha Srivastava, International Institute for Population Sciences, Mumbai.*

4. **Poverty, Perceived Economic Strain and Psychological Distress among Older Thai Adults** • **Kattika Thanakwang**, *Institute of Nursing, Suranaree University of Technology.*

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 106, Convention Hall, 1st Floor**

**Session 199: Family and educational outcomes for youth / *Famille et réussite scolaire chez les jeunes***

Chair / Président(e): **Jean François Kobiane**, *Université de Ouagadougou*

Discussant: **Parfait M. Eloundou Enyegue**, *Cornell University*

1. Comparative analysis of pupils' school careers and future plans in 8 countries in Europe / **Analyse comparée des parcours scolaires et projections d'élèves de 8 pays d'Europe** • **Alexandra Filhon**, *Université Rennes 2.*
2. **Bolsa Família Program in Brazil: assessing the impact on educational indicators of children and adolescents by regions.** • **Regiane Carvalho**, *Universidade Federal de Minas Gerais (UFMG); Julio Alfredo Racchumi, CAEd - UFJF.*
3. **Family Dynamics and School Performance: Examining the role of parental relationship on school performance among unmarried youths in India** • **Ravi Prakash**, *Population Council.*
4. **The influence of family size on the achievement of human capital by children aged 15-19 years in urban areas of Iran** • **Hossein Mahmoudian**, *University of Tehran; Mohammad Torkashvand, University of Tehran.*

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 107, Convention Hall, 1st Floor**

**Session 200: EurAsian history of population and family / *Histoire de la population et de la famille en Eurasie***

Chair / Président(e): **Diego Ramiro Fariñas**, *IEGD-CCHS Spanish National Research Council (CSIC)*

Discussant: **Jérôme Bourdieu**, *INRA-PSE and EHESS*

1. **Mortality and living standards in Asia and Europe, 1700-1900** • **Tommy Bengtsson**, *Lund University; James Lee, Hong Kong University of Science and Technology; Cameron Campbell, UCLA.*

2. **Migrations in the Adjustment between Population and Resources. Eurasian Contributions** • Michel Oris, *Université de Genève*; Martin Dribe, *Lund University*; Marco Breschi, *University of Sassari*.
3. **Prudence and Pressure: Reproduction and Human Agency in Europe and Asia, 1700-1900** • Noriko Tsuya, *Keio University*; Feng Wang, *Brookings-Tsinghua Center for Public Policy*; George Alter, *University of Michigan*; James Lee, *Hong Kong University of Science and Technology*.
4. **Similarity in difference in pre-industrial Eurasian marriage** • Christer Lundh, *University of Gothenburg*; Satomi Kurosu, *Reitaku University*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 108, Convention Hall, 1st Floor**

**Session 201: Population and socioeconomic scenarios for climate change research / Scénarios démographiques et socio-économiques dans la recherche sur le changement climatique**

Chair / Président(e): **Adrian Hayes**, *Australian National University*

1. **A new generation of scenarios for climate change: Background and proach** • Leiwun Jiang, *National Center for Atmospheric Research*.
2. **The human core of the Shared Socioeconomic Pathways : Population scenarios by age, sex and level of education for all countries** • K.C. Samir, *International Institute for Applied Systems Analysis (IIASA)*; Wolfgang Lutz, *International Institute for Applied Systems Analysis (IIASA)*.
3. **What are the carbon emissions elasticities for income and population? New evidence from panel estimates robust to stationarity and cross-sectional dependence** • Brantley Liddle, *Centre for Strategic Economic Studies, Victoria University*.
4. **"Where are the data? Sources and challenges facing the researcher examining population-climate change relationships ?** • Mark R Montgomery, *Population Council*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 109, Convention Hall, 1st Floor**

**Session 202: Spatial demography / Démographie spatiale**

Chair / Président(e): **Martin Bell**, *The University of Queensland*

1. **Unmarried Cohabitation in the Americas: Unveiling the Spatial Dimension** • Antonio Lopez Gay, *Centre d'Estudis Demogràfics*; Iñaki Permanyer, *Centre d'Estudis Demogràfics*; Julian López Colás, *Universitat Autònoma Barcelona*; Anna Turu, *Centre d'Estudis Demo-*

graphics; Benoît Laplante, *Institut National de la Recherche Scientifique (INRS)*; Sheela Kennedy, *Minnesota Population Center*; Albert Esteve Palos, *Centre d'Estudis Demografics*.

2. **Neighborhood effects in demography: measuring scales and patterns** • Sébastien Oliveau, *Aix-Marseille University*; Doignon Yoann, *Aix-Marseille Université*; Christophe Z Guilmoto, *Institut de Recherche pour le Développement (IRD)*.
3. **Partitioning the Spatial Spillover Effects of Social Conditions on Mortality: An Example Using US County Data** • Tse-Chuan Yang, *University At Albany, State University of New York*; Carla Shoff, *The Pennsylvania State University*; Aggie J. Noah, *Pennsylvania State University*.
4. **Spatial pattern and determinants of fertility behavior in India** • Debasish Nandy, *Gokhale Institute of Politics and Economics (GIPE), BMCC Road, Deccan Gymkhana, Pune – 411004, Maharashtra, India*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 110, Convention Hall, 1st Floor**

**Session 203: Religion and ideology in demographic analysis / *Religion et idéologie dans l'analyse démographique***

Chair / Président(e): **Jenny Trinitapoli**, *Penn State University*

Discussant: **Alexander Weinreb**, *University of Texas at Austin*

1. **Buddhism and childbearing in Asia** • Vegard Skirbekk, *International Institute for Applied Systems Analysis (IIASA)*; Setsuya Fukuda, *National Institute of Population and Social Security Research*; Thomas Spoorenberg, *United Nations Population Division*; Marcin Stonawski, *International Institute for Applied Systems Analysis (IIASA) / Cracow University of Economics*; Conrad Hackett, *Pew Research Center*.
2. **Forerunners of the Fertility Transition: Jews in Bohemia from the Enlightenment until the Interwar Times** • Jana Vobecká, *Vienna Institute of demography*.
3. **Global Religious Demography: New Population Estimates and Age Data** • Conrad Hackett, *Pew Research Center*; Marcin Stonawski, *International Institute for Applied Systems Analysis (IIASA) / Cracow University of Economics*; Vegard Skirbekk, *International Institute for Applied Systems Analysis (IIASA)*; Brian J. Grim, *Pew Research Center*.
4. **Views of the Interrelationships of the Dimensions of Developmental Idealism and Family Life: Evidence from Nepal** • Arland Thornton, *The University of Michigan*; Linda Young-DeMarco, *University of Michigan*; Dirgha Jibi Ghimire, *University of Michigan*.

**Thursday 29 August / Jeudi 29 août**  
**15:30 - 17:00**  
**Room 201, Convention Hall, 2nd Floor**

**Session 204: Public policies and low fertility / Politiques publiques et faible fécondité**

Chair / Président(e): **Minja Kim Choe**, *East-west Center*

Discussant: **Vinod Mishra**, *United Nations Population Division*

1. **Comparative policy perspectives of happiness and parenthood** • Arnstein Aassve, *Università Bocconi*; Maria Sironi, *University Of Oxford*; **Letizia Mencarini**, *University of Turin Dept. of Economics & Collegio Carlo Alberto*.
2. **National and regional trends in ideal family size in China** • Baochang Gu, *Renmin University of China*; Stuart Basten, *University Of Oxford*.
3. **Public childcare provision, attitudes and first births in Germany** • **Sandra Krapf**, *Max Planck Institute for Demographic Research*.
4. **Slovenia: The case of a long-term co-existence of a well-developed family policy and a (lowest) low fertility** • **Nada Stropnik**, *Institute for Economic Research*.

**Thursday 29 August / Jeudi 29 août**  
**15:30 - 17:00**  
**Room 202, Convention Hall, 2nd Floor**

**Session 205: Unintended pregnancies and abortion / Grossesses non désirées et avortement**

Chair / Président(e): **Aparna Sundaram**, *Guttmacher Insitute*

1. **Cross-national variations in birth control of Europeans: divergence or convergence?** • **Jirina Kocourkova**, *Charles University In Prague*.
2. **Fertility, Abortion, and Contraception in Russia: Findings from Russia's Frist National Reproductive Health Survey** • **Howard Goldberg**, *Centers for Disease Control And Prevention*; Florina Serbanescu, *Centers for Disease Control and Prevention*; Lidia Bardakova, *UNFPA*; Paul W. Stupp, *Centers for Disease Control and Prevention (CDC)*.
3. **The incidence of induced abortion in Nigeria: Levels and trends** • **Akinrinola Bankole**, *Guttmacher Institute*; rubina hussain, *Guttmacher Institute*; Isaac Adewole, *University of Ibadan*; Olutosin A. Awolude, *University of Ibadan/University College Hospital, Ibadan*.

**Thursday 29 August / Jeudi 29 août**  
**15:30 - 17:00**  
**Room 203, Convention Hall, 2nd Floor**

**Session 206: Methods for projecting fertility / Méthodes de projection de la fécondité**

Chair / Président(e): **Patrick Gerland**, *United Nations Population Division (Population Estimates and Projections Section)*

1. **Comparative importance of the fertility model, the total fertility, the mean age and the standard deviation of age at childbearing in population projections** • **Dalkhat M. Ediev**, *Wittgenstein Centre, Vienna Institute of Demography and International Institute for Applied Systems Analysis*.
2. **Comparing Forecast Methods for Birth-Order Cohort Fertility with an Application to Japan** • **Giampaolo Lanzieri**, *Statistical Office of the European Union (EUROSTAT)*; **Miho Iwasawa**, *National Institute of Population and Social Security Research*; **Ryuichi Kaneko**, *National Institute of Population and Social Security Research*; **Kenji Kamata**, *National Institute of Population and Social Security Research*.
3. **On the Quantum of Fertility: A Bias Correction Approach Using the Slope Information** • **P. C. Roger Cheng**, *National Central University*.
4. **Regional probabilistic fertility forecasting by modeling between-country correlations** • **Adrian E. Raftery**, *University of Washington*; **Bailey K Fosdick**, *University of Washington*.

**Thursday 29 August / Jeudi 29 août**  
**15:30 - 17:00**  
**Room 211-212 Glass Hall, 2nd Floor**

**Session 207: Roundtable: Revisiting demographic analyses and theories through the lens of Amartya Sen's capability approach / Table ronde : Revisiter les analyses et théories démographiques par la lunette des « capacités » d'Amartya Sen**

Chair / Président(e): **Claudine Sauvain-Dugerdil**, *Université de Genève*

1. **Keynote Speaker** • **Sridhar Venkatapuram**, *King's College London*.
2. **Panelist** • **Samuel Agyei - Mensah**, *University of Ghana*.
3. **Panelist** • **Johannes Huinink**, *University of Bremen*.
4. **Panelist** • **Ronald R. Rindfuss**, *University of North Carolina at Chapel Hill*.

**Thursday 29 August / Jeudi 29 août**

**15:30 - 17:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 208: Spatial approaches to estimation of demographic rates / *Approches spatiales de l'estimation des taux démographiques***

Chair / Président(e): **David Ian Pool**, *University of Waikato*

1. **Applying small area models to estimate mortality from birth history data: Under-5 mortality in Zambian districts, 1980-2010** • **Laura Dwyer-Lindgren**, *Institute for Health Metrics and Evaluation, University of Washington*; **Haidong Wang**, *Univeristy of Washington*; **Marie Ng**, **Abraham Flaxman**, *Institute for Health Metrics and Evaluation, Univeristy of Washington*; **Felix Masiye**, *University of Zambia*; **Emmanuela Gakidou**, *University of Washington*.
2. **Comparing three statistical techniques for Space-time clusters with county-level fertility data from Costa Rica.** • **Gilbert Brenes-Camacho**, *University of Costa Rica*.
3. **Estimating child and infant mortality in Egypt through a Bayesian approach for small area** • **Elena Ambrosetti**, *Università di Roma La Sapienza*; **Serena Arima**, *Sapienza University of Rome*.
4. **Rural health facility and Institutional birth: A study in composite index formation and spatial modeling** • **Rachana Patel**, *International Institute for Population Sciences (IIPS)*; **Laishram Ladusingh**, *International Institute for Population Sciences*.

**Thursday 29 August / Jeudi 29 août**

**17:30 - 19:00**

**Grand Ballroom, Convention Hall Lobby, 3rd Floor**

**Session 209: IUSSP Plenary Debate: For developing countries, economic development needs to be a higher priority than environmental protection and conservation of natural resources / *Séance de débat de l'UIESP : Pour les pays en développement, le développement économique doit-il être une priorité plus importante que la protection de l'environnement et la préservation des ressources naturelles ?***

Chair / Président(e): **Peter McDonald**, *Australian National University*

1. **In support of the statement / *En faveur de cette affirmation*** • **Alex Chika Ezeh**, *African Population and Health Research Center (APHRC)*.
2. **Against the statement / *Contre cette affirmation*** • **Stan Becker**, *Johns Hopkins University*.
3. **In support of the statement / *En faveur de cette affirmation*** • **David Lam**, *University of Michigan*.

4. **Against the statement / Contre cette affirmation** • **Eliya Msiyaphazi Zulu**, *African Institute for Development Policy (AFIDEP)*.
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**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 101, Convention Hall, 1st Floor**

**Session 210: Assessing sex differences in childhood mortality / *Evaluer les différences de mortalité dans l'enfance selon le sexe***

Chair / Président(e): **Godelieve Masuy-Stroobant**, *Université Catholique de Louvain*

1. **Incongruence and differentials in reporting child death by the couples in India** • **Kumudini Das**, *Pillai's College of Arts, Commerce and Science, Navi Mumbai*; **Kailash Chandra Das**, *International Institute for Population Sciences (IIPS), Mumbai*.
2. **Origins of Sex Differences in Early Age Mortality in Human Populations** • **Barthelemy Kuate Defo**, *Université de Montréal*; **Roland Pongou**, *Brown University*; **Zacharie Tsala Dimbuene**, *Statistics Canada*.
3. **Sex Differences in U5MR: Estimation and identification of countries with outlying levels or trends** • **Leontine Alkema**, *National University of Singapore*; **Fengqing Chao**, *National University of Singapore*; **Cheryl Sawyer**, *United Nations*.
4. **Sex Differentials in Under-five Mortality in Sub-Saharan Africa** • **Sunday A Adedini**, *University of the Witwatersrand, South Africa* & **Obafemi Awolowo University, Nigeria**; **Clifford Obby Odimegwu**, *University of the Witwatersrand*; **Ayo Stephen Adebowale**, *University of Ibadan*; **Joshua Odunayo Akinyemi**, *College of Medicine, University of Ibadan, Ibadan, Nigeria*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 102, Convention Hall, 1st Floor**

**Session 211: Sexual behaviours and the spread of sexually transmitted infections, including HIV / *Comportements sexuels et diffusion des maladies sexuellement transmissibles, y compris le VIH***

Chair / Président(e): **Monica Akinyi Magadi**, *University of Hull*

1. **Attitude towards sexual control among women in conjugal union and its implication for HIV infection in Mahikeng, South Africa** • **Godswill Nwabuisi Osuafor**, *North-West University*; **Akim Jasper Mturi**, *North-West University (Mafikeng Campus)*.
2. **Sexual behaviour and HIV prevalence trends among residents and non-residents in a general population in rural South Africa** • **Nuala McGrath**, *University of Southampton*; **Jeffrey W Eaton**, *Imperial College London*; **Victoria Hosegood**, *University of Southampton*; **Marie-Louise Newell**, *Africa Centre*.

3. **Gender disparity in HIV seroprevalence and associated gender variables: a population-level analysis of the association between g** • Katherine E Harris, *University of Southampton*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 103, Convention Hall, 1st Floor**

**Session 212: Economics of the family / L'économie de la famille**

Chair / Président(e): **Gustavo De Santis**, *University of Florence*

1. **Intrahousehold Resource Allocation in Rural Africa: Evidence from a Randomized Field Experiment** • Patrick Asuming, *Columbia University in the City of New York*.
2. **Is the Cohabitation-Marriage Gap in Money Pooling Universal?** • Dana Hamplova, *Institute of Sociology ASCR*; Céline Le Bourdais, *McGill University*; Evelyne Lapierre-Adamcyk, *Université de Montréal*.
3. **Living standards after divorce: does alimony offset gender income ties?** • Carole Bonnet, *Institut National d'Études Démographiques (INED)*; Anne Solaz, *Institut National d'Études Démographiques (INED)*; Bertrand Garbinti, *Crest-Insee, PSE*.
4. **The incremental time cost of children in different fertility contexts: evidence from France and Italy** • Ariane Pailhe, *Institut National d'Études Démographiques (INED)*; Anne Solaz, *Institut National d'Études Démographiques (INED)*; Maria Letizia Tanturri, *University of Padua*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 104, Convention Hall, 1st Floor**

**Session 213: The effects of migration and remittances on areas of origin / Effets des migrations et des transferts de fonds sur les régions d'origine**

Chair / Président(e): **Ibtihel Bouchoucha**, *Université Paris Ouest Nanterre La Défense/CERPOS/INED*

1. **Building Uninhabited Villas and Strong Ties: US Remittances to West Bank Villages** • Randa B Serhan, *American University*.
2. **Effect of Labour-Out Migration on Farm Input use in Banana and Legume Systems in Great Lakes Region of Central Africa** • Ochieng Justus, *University of Kassel*; Beatrice Knerr, *University of Kassel*.
3. **Globalization, Migration and Remittances: A Study of Indian Emigrants in Middle-East.** • Naresh Kumar, *Central University of Gujarat*.
4. **Remittances, Farm Invest Remittances, Farm Investments and Land Use Change in Kerala, India** • Agnes Pohle, *University of Kassel*; Beatrice Knerr, *University of Kassel*.

**Friday 30 August / Vendredi 30 août**  
**08:30 - 10:00**  
**Room 105, Convention Hall, 1st Floor**

**Session 214: Spatial dimensions of population and development / *Les dimensions spatiales de la population et du développement***

Chair / Président(e): **Joshua Wilde**, *University of South Florida*

1. **Inclusiveness of Indian Economic Growth and Socioeconomic Inequalities in Regular Employment in India: Changes over Time and Across Regions** • **Ashish Singh**, *Azim Premji University*; **Upasak Das**, *Indira Gandhi Institute of Development Research (IGIDR)*; **Tushar Agrawal**, *Indira Gandhi Institute of Development Research (IGIDR)*.
2. **Recast(e)ing Inequality: Residential Segregation by Caste across City Size in India** • **Gayatri Singh**, *Brown University*; **Trina Vithayathil**, *Brown University*.
3. **Tunisia's Jasmine Revolution: A Spatial Demographic Analysis of Protest, Violence, and Voting Patterns** • **Nicholas E Reith**, *University of Texas at Austin*.

**Friday 30 August / Vendredi 30 août**  
**08:30 - 10:00**  
**Room 106, Convention Hall, 1st Floor**

**Session 215: Methods for projecting all-cause or cause-specific mortality / *Méthodes de projection de la mortalité, notamment par la prise en compte des causes de décès***

Chair / Président(e): **John R. Wilmoth**, *United Nations Population Division*

1. **Future smoking-attributable and all-cause mortality: its sensitivity to indirect estimation techniques** • **Lenny Stoeldraijer**, *Statistics Netherlands*; **Fanny Janssen**, *University of Groningen*.
2. **Interpreting and Projecting Mortality Trends for European Countries by Using the LD Model** • **Futoshi Ishii**, *National Institute of Population and Social Security Research*; **Giampaolo Lanzieri**, *Statistical Office of the European Union (EUROSTAT)*.
3. **A comparison of the accuracy of coherent mortality forecasts for subpopulations defined by sex and state – which matters most?** • **Heather Booth**, *Australian National University*.

**Friday 30 August / Vendredi 30 août**  
**08:30 - 10:00**  
**Room 107, Convention Hall, 1st Floor**

**Session 216: Adolescent pregnancy and fertility / *Grossesse et fécondité des adolescentes***

Chair / Président(e): **Catherine Menkes Bancet**, *Centro Regional de Investigaciones Multidisciplinarias*

1. **La fécondité adolescente et parcours de vie - Etude biographique de la transition à l'âge adulte au Mexique** • Julie Baillet, *Université Paris Ouest Nanterre La Défense*.
2. **Adolescent and youth fertility and social inequality in Latin America and the Caribbean: what role has education played?** / -Adolescence, fécondité des jeunes et inégalités sociales en Amérique latine et aux Caraïbes : quel rôle pour l'éducation ? • Jorge Rodriguez, *CELADE-Population Division of ECLAC*; **Suzana M Cavenaghi**, *National School of Statistical Science at The Brazilian Institution of Geography and Statistics - ENCE/IBGE*.
3. **Fécondité des adolescentes en Asie : Diversités des profils** • Ndeye Binta Dieme, *Agence nationale de la statistique et de la démographie du Sénégal*; Cheikh Tidiane Ndiaye, *Agence Nationale de La Statistique Et de La Démographie*; Tougma Olga, *sans emploi*.
4. **Levels, Trends, Determinants and Consequences of Adolescent Pregnancy in India / Niveaux, tendances, déterminants et conséquences des grossesses adolescentes en Inde** • **Shraboni Patra**, *International Institute for Population Sciences (IIPS)*; Rakesh Kumar Singh, *International Institute for Population Sciences (IIPS)*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 108, Convention Hall, 1st Floor**

**Session 217: Learning outcomes: school and family factors / *La réussite scolaire : facteurs familiaux et scolaires***

Chair / Président(e): **Christine A Kelly**, *Population Council*

1. **Educational outcomes of children in primary grades in Andhra Pradesh, India** • Chandrashekhar Chandrashekhar, *International Institute for Population Sciences*; Bornali Dutta, *International Institute for Population Sciences, Mumbai*.
2. **Family Background and Its Impact on Children's Academic Performance** • Xiaofei Wang, *Peking University*.
3. **Gender Gap in Educational Performance and Achievement in rural China: Evidence from Sibling Data** • Li-Chung Hu, *University of Pennsylvania*.
4. **Youth education and learning in 21st century China: Disentangling the impacts of migration, residence and Hukou** • Lucy P Jordan, *The University of Hong Kong*; Qiang Ren, *Peking University*; Jane Cecelia Falkingham, *University of Southampton*.

**Friday 30 August / Vendredi 30 août**  
**08:30 - 10:00**  
**Room 109, Convention Hall, 1st Floor**

**Session 218: Gender-Based Violence / Violence à caractère sexiste**

Chair / Président(e): **Yanyi K. Djamba**, *Auburn University at Montgomery*

Discussant: **Kerry LD MacQuarrie**, *University of Washington*

1. **Consanguinity and intimate partner violence in Egypt and Jordan** • **Jinan AR Usta**, *American University of Beirut*.
2. **Examining Nonconsensual Sex and Risk of Reproductive Tract Infections and Sexually Transmitted Infections among Young Married Women in India** • **Ajay K Singh**, *Population Council, India*.
3. **Fertility and the first conjugal violence suffered by women: the case of Cameroon / Fécondité et premières violences conjugales faites aux femmes : le cas du Cameroun.** • **Alice Jacqueline Azebaze Kagou**, *Independent Consultant*.
4. **Gender dynamics in the Palestinian society: Domestic and political violence / Gender dynamics in the Palestinian society: Domestic and political violence** • **Memmi Sarah**, *Centre Population et Développement (CEPED)*; **Annabel Desgrees Du Lou**, *Ceped*.

**Friday 30 August / Vendredi 30 août**  
**08:30 - 10:00**  
**Room 110, Convention Hall, 1st Floor**

**Session 219: Health and urban mortality experience before and throughout the health transition / Santé et mortalité urbaine avant et pendant la transition sanitaire**

Chair / Président(e): **Michel Oris**, *Université de Genève*

Discussant: **Diego Ramiro Fariñas**, *IEGD-CCHS Spanish National Research Council (CSIC)*

1. **Death clustering in families in a longitudinal perspective (Antwerp, Belgium, 1846-1905)** • **Mattijs Vandezande**, *KU Leuven*.
2. **Does exposure to influenza very early in life affect mortality risk during a subsequent outbreak? The 1890 and 1918 pandemics in Canada** • **Stacey Hallman**, *University Of Western Ontario*; **Alain Gagnon**, *Université de Montréal*.
3. **Migration and Urban Graveyards** • **Paul Puschmann**, *KU Leuven*; **Robyn Donrovich**, *KU Leuven*; **Graziela Dekeyser**, *KU Leuven - Centre for Sociological Research*; **Koen Matthijs**, *Katholieke Universiteit Leuven*.
4. **Public goods and health inequality: lessons from Paris, 1880-1914.** • **Lionel Kesztenbaum**, *Institut National d'Études Démographiques (INED)*; **Jean-Laurent Rosenthal**, *Cal-Tech*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 220: Public policies and low fertility - theoretical considerations / *Politiques publiques et faible fécondité - considérations théoriques***

Chair / Président(e): **Kua Wongboonsin**, *College of Population Studies, Chulalongkorn University*

Discussant: **Minja Kim Choe**, *East-west Center*

1. **Family Planning Policy in China: Measurement and Impact on Fertility** • **Fei Wang**, *University of Southern California*.
2. **First Births in Europe: Socio-economic Differentials in the Effect of Economic and Institutional Contexts over the Life-course.** • **Karel Neels**, *Universiteit Antwerpen*; **Jonas Wood**, *University of Antwerp / CELLO*; **Zita Theunynck**, *University of Antwerp*.
3. **The Effect of a Regional Tax and Family Benefit Reform on Fertility in the Norwegian Arctic** • **Taryn Ann Galloway**, *Research Department, Statistics Norway*; **Rannveig V Kaldager**, *Research Department, Statistics Norway*.
4. **The effects of financial incentives for newborns in Korea** • **Seemoon Choi**, *Harvard School of Public Health*; **Victoria Y Fan**, *Center for Global development*; **Hiroaki Muppy Matsuura**, *University Of Oxford*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 221: Assessments of facility-based delivery services / *L'évaluation des services d'accouchement dans des établissements de santé***

Chair / Président(e): **Aparna Sundaram**, *Guttmacher Insitute*

Discussant: **Estelle Sidze**, *University of Montreal*

1. **Caesarean section delivery in India: causes and concerns** • **Shewli Shabnam**, *Jawaharlal Nehru University*.
2. **Caught between social exclusion and medicalisation: social inequalities and sexual and reproductive health in central Mexico / *Entre la exclusion sociale et la médicalisation : inégalités sociales et santé sexuelle et reproductive au centre du Mexique*** • **Itzel A Sosa Sanchez**, *Université de Laval*; **Catherine Menkes Bancet**, *Centro Regional de Investigaciones Multidisciplinarias*.
3. **Changes in delivery assistance by a skilled health service in Africa: effect of composition or performance / *Evolution de l'assistance à l'accouchement par un prestataire qualifié en Afrique: effet de composition ou de performance?*** • **Maria Wendnso Sidonie Gouem**, *INSD / Burkina Faso*.

4. **Rising overmedicalisation of births in India: a demand or supply non** • Tiziana Leone, *London School of Economics and Political Science (LSE)*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 222: Migration and health / *Migration et santé***

Chair / Président(e): **Gordon F. De Jong**, *Pennsylvania State University*

1. **Influences of Rural - Rural Migration and Socioeconomic Well Being on Infectious Disease Mortality in Nang Rong, Thailand** • Yothin Sawangdee, *Institute for Population and Social Research*; Warangkana Polprasert, *Sukhothaimathirat University, Thailand*.
2. **Investigating the dynamics of migration and health in Australia: A Longitudinal study** • Santosh Jatrana, *Alfred Deakin Research Institute, Deakin University*; Samba Siva Rao Pasupuleti, *Alfred Deakin Research Institute*.
3. **Migration and Child Health: Exploring Disparities in Child Nutrition and Immunization in Urban India** • Kunal Keshri, *G B Pant Social Science Institute, Allahabad University, Allahabad*; Ranjan Kumar Prusty, *International Institute for Population Sciences (IIPS)*.
4. **Population Migration and Health Stratification in Urban China** • Jianlin Niu, *Chinese Academy of Social Sciences*; Yaqiang Qi, *Renmin University of China*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 223: Biological determinants of health and measures / *Les déterminants biologiques de la santé et leur mesure***

Chair / Président(e): **Gil Bellis**, *Institut National d'Études Démographiques (INED)*

1. **Statistical distance: A promising measure of physiological dysregulation in biodemographic studies** • Alan A Cohen, *Université de Sherbrooke*; Emmanuel Milot, *Université de Sherbrooke*; Vincent Morissette-Thomas, *Université de Sherbrooke*.
2. **Interactions between ADRB2 Gene and the Social/ behavioral Factors May Affect Health at Advanced Ages** / -Les interactions entre le gène ADRB2 et les facteurs sociaux et comportementaux pourraient affecter la santé aux âges avancés • Yi Zeng, *Duke University And Peking University*; Qiushi Feng, *National University of Singapore*; Huashuai Chen, *Duke University*; Ke Shen, *Fudan University, Shanghai*; Jianxin Li, *Peking University*; Fengyu Zhang, *National Institute of Mental Health*; Huiqing Cao, *Peking University*; Qihua Tan, *University of Southern Denmark*; Simon Gregory, *Duke University*; Ze Yang, *National Institute of Geriatrics, Beijing Hospital, Ministry of Health of China*; Jun Gu, *Peking University*; Wei Tao, *Peking University*; Xiaoli Tian, *Peking University*; Elizabeth Hauser, *Duke University*.

3. **Resource allocation as a driver of senescence: Life history tradeoffs produce age patterns of mortality** • **Raziel J Davison**, *Max Planck Institute for Demographic Research (MPIDR)*; Carol Boggs, *Stanford University*; Annette Baudisch, *Max Planck Institute for Demographic Research*.
4. **Geriatric trauma shapes mortality in a tephritid fly** • **James Carey**, *University of California*; James Vaupel, *Max Planck Institute*; Pablo Liedo, *El Colegio de la Frontera Sur, Tapachula, Mexico*; Hans Mueller, *University of California, Davis*; Jane-Ling Wang, *University of California, Davis*; Yu-Ru Su, *University of California, Davis*.

**Friday 30 August / Vendredi 30 août**

**08:30 - 10:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 224: Population dynamics and environmental linkages / Dynamiques démographiques et environnement**

Chair / Président(e): **William K Pan**, *Duke University*

1. **Benefits of international migrations for socio-ecological resilience of rural households in the home country** • **Fabrice F.D. Demoulin**, *University of Namur*; Raul Vanegas, *Université de Namur*; Sabine JF Henry, *University of Namur*.
2. **Modeling the Linkages between Climate Change, Food Security, and tion** • **Scott Moreland**, *Futures Group*; Ellen Smith, *Futures Group*.
3. **Out-migration and the transition from farming to non-farming in Chitwan, pal** • **Seung Yong Han**, *Arizona State University*.
4. **Household Energy Use and CO2Emission: Differentials and Determinants in dia** • **Kaveri Madhukar Patil**, *International Institute for Population Sciences (IIPS)*; Aparajita Chattopadhyay, *International Institute for Population Sciences*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 101, Convention Hall, 1st Floor**

**Session 225: Month of birth, twins survival and neonatal mortality / Mois de naissance, survie de jumeaux et mortalité néonatale**

Chair / Président(e): **Godelieve Masuy-Stroobant**, *Université Catholique de Louvain*

1. **Birth month is predictive of early life outcomes in sub-Saharan Africa** • **Audrey M Dorelien**, *University of Michigan*.
2. **Cause-specific Neonatal Deaths: Levels, Trend and Determinants in Rural Bangladesh, 1987-2005** • **Unnati Rani Saha**, *International Centre for Diarrhoeal Disease Research, Bangladesh (ICDDR,B)*; Arthur van Soest, *Tilburg University*; Govert E Bijwaard, *Netherlands Interdisciplinary Demographic Institute (NIDI)*.

3. **First-day Neonatal Mortality in the Developing world: A Neglected Crisis?** • Sabu Padmadas, *University of Southampton*; Fiifi Amoako Johnson, *University of Southampton*; Nyovani Madise, *University of Southampton*; Jane Cecelia Falkingham, *University of Southampton*.
4. **High Under-Five Mortality among Twins in Sub-Saharan Africa: Patterns and Explanations** • Christiaan Willem Simon Monden, *University Of Oxford*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 102, Convention Hall, 1st Floor**

**Session 226: Concurrency, sexual networks and HIV/AIDS / *Multiplicité des partenaires, réseaux sexuels et VIH/sida***

Chair / Président(e): **Monica Akinyi Magadi**, *University of Hull*

Discussant: **Gloria Langat**, *University of Southampton*

1. **Concurrent sexual partnerships among young adults in Cape Town, South Africa: How is concurrency changing?** • Brendan Maughan-Brown, *University of Cape Town*.
2. **Sexual network structure, partnership mixing patterns and HIV epidemic outcomes** • Georges Reniers, *London School of Hygiene and Tropical Medicine (LSHTM)*; Benjamin Armbruster, *Northwestern University*; Aaron Lucas, *Northwestern University*.
3. **Testing the Concurrency Hypothesis: HIV incidence among married couples in two population-based cohort studies in rural Uganda** • Elizabeth A. Sully, *Princeton University*; Fred Nalugoda, *Rakai Health Sciences Program*; Kenneth Ekoru, *Medical Research Council / Uganda Virus Research Institute*; Tom Lutalo, *Rakai Health Sciences Program*; Georges Reniers, *London School of Hygiene and Tropical Medicine (LSHTM)*; Janet A Seeley, *University of East Anglia*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 103, Convention Hall, 1st Floor**

**Session 227: Family resources and family dynamics / *Ressources familiales et dynamique de la famille***

Chair / Président(e): **Dana Hamplova**, *Institute of Sociology ASCR*

Discussant: **Carole Bonnet**, *Institut National d'Études Démographiques (INED)*

1. **Bequests Motives and Private Transfers in India** • Thangamuthu Lakshmanasamy, *University of Madras*.
2. **Do adoptive parents differ? A study of dissolution risk among biological and adoptive parents in Sweden** • Ida Viklund, *Stockholm University*; Ann-Zofie Duvander, *Stockholm University*.

3. **Family diversity and inequality: the Canadian case** • Roderic P. Beaujot, *University Of Western Ontario*; Zenaïda Ravanera, *University Of Western Ontario*; Jianye Liu, *Lakehead University, Ontario Canada.*
4. **Socioeconomic resources and division of breadwinning responsibilities in the early stages of childrearing** • Kari Skrede, *Statistics Norway*; Kenneth Aarskaug Wiik, *Statistics Norway.*

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 104, Convention Hall, 1st Floor**

**Session 228: Destinations matter: variation in motives, strategies and outcomes by destination / Motivations, stratégies et comportements migratoires selon la destination**

Chair / Président(e): Sharon M Lee, *University of Victoria*

1. **Cameroonian emigration. Socioeconomic factors and trajectory / Emigration camerounaise. Capital socioéconomique et trajectoire** • Lekeumo Simplicite kitleur, *Roll Back Malaria Program.*
2. **Integration and Welcome-ability Indexes: Measures of Community Capacity to Integrate Immigrants** • Zenaïda Ravanera, *University Of Western Ontario*; Victoria Esses, *University Of Western Ontario*; Fernando Rajulton, *University Of Western Ontario.*
3. **Metropolitan Characteristics and Immigrant Entrepreneurship** • Eric Fong, *University of Toronto*; Junmin Jeong, *University of Toronto*; Julie Eun Jung Jo, *University of Toronto.*
4. **Pioneer Settlement Patterns of 13 U.S. Immigrant Groups: Factors Associated with Migration to Areas Where No Group Members Lived in 1990** • Douglas T. Gurak, *Cornell University*; Mary M Kritz, *Cornell University.*

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 105, Convention Hall, 1st Floor**

**Session 229: Economic development and population ageing / Développement économique et vieillissement de la population**

Chair / Président(e): Cassio M Turra, *Universidade Federal de Minas Gerais (UFMG)*

1. **After the flood: the advantages of demographic change - Fewer, older, smarter, and healthier?** • Fanny Kluge, *Max Planck Institute for Demographic Research*; Emilio Zagheni, *Queens College, City University of New York (CUNY)*; Elke Loichinger, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OeAW, WU), Vienna University of Economics and Business*; Tobias C Vogt, *Max Planck Institute for Demographic Research (MPIDR).*

2. **Aged and Not Developed; Population Policies in Uruguay, a Middle-Income Country** • Juan José Calvo, *Universidad de la Republica*.
3. **Economic Growth, Demographic Change and Housing Transformation in rea** • Hyunjeong LEE, *Kyung Hee University*.
4. **Socio-demographic indicators of elderly economic well-being in Nigeria** • Elias Olukorede Wahab, *Lagos State University, Ojo Nigeria*; Oluwasegun Anigboro, *Lagos State University*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 106, Convention Hall, 1st Floor**

**Session 230: Fertility related methods / Méthodes de mesure de la fécondité**

Chair / Président(e): Jean Christophe Fotso, *Concern Worldwide USA*

1. **Fertility scenarios for high fertility countries in the IIASA/Oxford education projections** • Regina Fuchs, *International Institute for Applied Systems Analysis (IIASA)*; Anne Valia Goujon, *Vienna Institute of demography*; Wolfgang Lutz, *International Institute for Applied Systems Analysis (IIASA)*.
2. **Low Fertility in China: How Credible are Recent Census Data?** • Fan Yang, *Renmin University of China*.
3. **Reconstructing long term fertility trends with pooled birth histories** • Bruno Schoumaker, *Université Catholique de Louvain*.
4. **The sensitivity of measures of unintended pregnancy to question timing: Evidence from Malawi** • Sara Yeatman, *University of Colorado at Denver*; Christie Sennott, *University of Colorado and Hewlett/IIE*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 107, Convention Hall, 1st Floor**

**Session 231: Socioeconomic determinants of fertility and pregnancy among young woman / Déterminants socioéconomiques de la fécondité et de la grossesse chez les jeunes femmes**

Chair / Président(e): Irene Casique, *Universidad Nacional Autónoma de México*

Discussant: Edith Alejandra Pantelides, *Centro de Estudios de Población (CENEP)*

1. **Factors associated with adolescent pregnancy and fertility in Uganda: Analysis of the 2011 Demographic and Health Survey data / Facteurs associés à la fécondité et aux grossesses adolescentes en Ouganda : analyse des données de l'enquête démographique et de santé 2012** • Gideon Rutaremwa, *Makerere University*.

2. **Regional evidence about consequences of teen childbearing in Colombia 2010** / -  
Conséquences des grossesses adolescentes en Colombie : données régionales  
2010 • Lizethe Alejandra Amézquita, *Universidad Nacional de Colombia*; **Andrés Felipe Castro Torres**, *Departamento Nacional de Planeación*.
3. **Socioeconomic and Spatial Determinants of Fertility amongst Young Women** / -  
Déterminants géographiques et socio-économiques de la fécondité chez les jeunes  
femmes • **Marta Mier Y Teran**, *Universidad Nacional Autónoma de México*; Mario  
Martínez-Salgado, *Instituto de Investigaciones Sociales, UNAM*.
4. **Unintended pregnancies among adolescent girls living in poor urban slums: Evidence  
from the Transition to Adulthood (TTA) study in Nairobi, Kenya** / Grossesses non  
désirées chez les adolescentes vivant dans les taudis urbains : exemple de transition vers l'âge  
adulte (TTA) à Nairobi, au Kenya • **Donatien Beguy**, *African Population and Health  
Research Center (APHRC)*; Joyce N Mumah, *African Population and Health Research  
Center (APHRC)*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 108, Convention Hall, 1st Floor**

**Session 232: Trends in educational inequality / Evolutions des inégalités scolaires**

Chair / Président(e): **Sonalde Desai**, *University of Maryland & National Council of Applied Economic Research, New Delhi*

1. Analysis of sources of change in school attendance of children in Chad / **Analyse des sources  
du changement dans la fréquentation scolaire des enfants au Tchad** • **Vounki Tchoua-  
féfé Matchoké**, *Fonds des Nations Unies pour la Population*.
2. **Educational Quality and Deprivation: Elasticity Comparisons Based on Reading Test  
Scores from PISA 2000 and 2009** • Clarissa Guimarães Rodrigues, *International Policy  
Center for Inclusive Growth*; **Eduardo L. G. Rios-Neto**, *CEDEPLAR - Universidade Federal  
de Minas Gerais*.
3. **Inequality of Opportunity among Indian Children in attending appropriate class as per  
their age up to Elementary level** • **Chandan Kumar**, *Indian Institute of Technology  
Roorkee*.
4. **The impact of educational homogamy on isolated illiteracy levels** • **Iñaki Permanyer**,  
*Centre d'Estudis Demografics*; Albert Esteve Palos, *Centre d'Estudis Demografics*; Joan Gar-  
cía-Román, *Centre d'Estudis Demografics*.

**Friday 30 August / Vendredi 30 août**  
**10:30 - 12:00**  
**Room 109, Convention Hall, 1st Floor**

**Session 233: Intimate partner violence / *Violence conjugale***

Chair / Président(e): **Yanyi K. Djamba**, *Auburn University at Montgomery*

Discussant: **Aparna Mukherjee**, *International Institute for Population Sciences (IIPS)*

1. **Impact of the Spread of Mass Education on Domestic Violence against Wives** • **Dirgha Jibi Ghimire**, *University of Michigan*; **Willaim Axinn**, *University of Michigan*.
2. **Measure of the Gender Norms Regarding Violence against Women and their Influences on Women Autonomy in Rural Africa: A Multi-country Analysis** • **Visseho Adjiwanou**, *University of Cape Town*; **Thomas K. LeGrand**, *Université de Montréal*.
3. **Prevalence and correlates of experience of intimate partner violence among men and women in Eastern DRC** • **Stella Babalola**, *Johns Hopkins University*; **Rose Zulliger**, *Johns Hopkins University*.
4. **The Most Important Factor Needs Attention in Intimate Partner Violence: A Case of Bangladesh** • **Towfiqua Mahfuza Islam**, *Tokyo Medical and Dental University*; **Md. Ismail Tareque**, *Tokyo Medical and Dental University, Japan*; **Kazuo Kawahara**, *Tokyo Medical and Dental University*; **Makiko Sugawa**, *Tokyo Medical and Dental University*; **Nazrul Hoque**, *University of Texas at San Antonio*.

**Friday 30 August / Vendredi 30 août**  
**10:30 - 12:00**  
**Room 110, Convention Hall, 1st Floor**

**Session 234: Sex imbalances and son preference / *Déséquilibres entre les sexes et préférence pour les garçons***

Chair / Président(e): **Juhua Yang**, *Renmin University of China*

1. **Effect of children composition on the sex of next birth in the context of low fertility in rural China** • **Quanbao Jiang**, *Institute for Population and development Studies, Xi'an Jiaotong University*; **Ying Li**, *Xi'an Jiaotong University*; **Xiujun Tai**, *Shanxi Normal University*; **Stuart Basten**, *University Of Oxford*.
2. **Exceptionally high sex ratios at birth among Mainland Chinese giving birth in Hong Kong SAR** • **Stuart Basten**, *University Of Oxford*; **Georgia Verropoulou**, *University of Piraeus, Greece*.
3. **Falling Sex Ratios and Emerging Evidence of Sex Selective Abortion in pal** • **Melanie Frost**, *University of Southampton*; **Mahesh Chandra Puri**, *CREHPA Nepal*; **Andy Hinde**, *University of Southampton*.
4. **Sex Ratio at Birth(SRB) Transition and the Diffusion Story: Evidence from South Korea** • **Heeran Chun**, *Jungwon University*; **Il-Ho Kim**, *Social and Epidemiological Re-*

search Centre for Addiction and Mental Health,; Young-Ho Khang, University of Ulsan College of Medicine.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 235: Recent fertility change: quantum and tempo effects / Evolution récente de la fécondité : effets de calendrier et d'intensité**

Chair / Président(e): **Thomas Spoorenberg**, *United Nations Population Division*

Discussant: **Tomas Sobotka**, *Vienna Institute of demography*

1. **Europe-wide fertility trends since the 1990s: turning the corner from declining first birth rates** / La reprise de la fécondité européenne depuis les années 1990 vue sous l'angle des premières naissances • **Marion Burkimsher**, *Université de Lausanne*.
2. **Disentangling the quantum and tempo of immigrant fertility** • **Ben Wilson**, *London School of Economics and Political Science (LSE)*.
3. **Fertility decline in Uruguay (1996 – 2011). Quantum and tempo effects in a middle-income country with below replacement fertility** • **Wanda Cabella**, *Facultad de Ciencias Sociales, Universidad de La República*; **Ignacio Pardo**, *Programa de Población, FCS, Universidad de la República (Uruguay)*.
4. **Tempo and quantum of fertility in Iran: An Application of the Synthetic Parity Progression Ratio Method** / Niveau et calendrier de la fécondité en Iran: application de la méthode des probabilités d'agrandissement transversales • **Meimanat Hossein Chavoshi**, *Australian National University*; **Peter McDonald**, *Australian National University*; **Mohammad Jalal Abbasi-Shavazi**, *University of Tehran and Australian National University*; **Arash Rashidian**, *Tehran University of Medical Sciences*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 236: Factors affecting contraceptive continuation and switching / Facteurs affectant la continuation ou le changement de contraception**

Chair / Président(e): **John Cleland**, *London School of Hygiene and Tropical Medicine (LSHTM)*

Discussant: **K.G. Santhya**, *Population Council*

1. **Fertility Intentions and Use of Family Planning in Northern Malawi** • **Aisha Dasgupta**, *The London School Of Hygiene And Tropical Medicine*; **Albet Lazarous Nkhata Dube**, *Univ of Malawi*; **Levie Gondwe**, *The Karonga Prevention Study*; **Ruth O Ngwalo**, *Karonga District Health Office*; **Keith Branson**, *The London School of Hygiene and Tropical Medicine*; **Bagrey Mdoni Ngwira**, *College of Medicine, University of Malawi*; **Frank Taulo**, *The College of Medicine, University of Malawi*; **Basia Zaba**, *London School of Hygiene and Tropical Med-*

icine (LSHTM); Amelia C Crampin, *London School of Hygiene and Tropical Medicine (LSHTM)*.

2. **Hormonal Contraceptives, Duration of Use and the Experience of Side Effects in Southern Ghana** • Claire E Bailey, *University of Southampton*.
3. **Socio-demographic Differentials and Determinants of Contraception Methods Choice among Currently Married Women in India** • Sanjit Sarkar, *International Institute for Population Sciences (IIPS)*; Rakesh Kumar Singh, *International Institute for Population Sciences (IIPS)*.
4. **Uptake of Contraception following childbirth: An Opportunity to Address High Unmet Need in Pakistan** • Saman Naz, *Alif Ailaan*; Arshad Muhammad Mahmood, *Population Council*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 237: Immigrant health / *La santé des immigrés***

Chair / Président(e): **Gordon F. De Jong**, *Pennsylvania State University*

1. **How Does the Context of Reception Matter? : The Role of Residential Enclaves on Maternal Smoking during Pregnancy for Mexican-origin Mothers** • Aggie J. Noah, *Pennsylvania State University*; Carla Shoff, *The Pennsylvania State University*; Nyesha Cheyenne Black, *Pennsylvania State University*; Corey Sparks, *University of Texas San Antonio*.
2. **Mexican migration and birth outcomes: expanding the lens to include receiving and sending communities** • Kate H. Choi, *University Of Western Ontario*; Erin Hamilton, *University of California, Davis*.
3. **Migration and Mental Health: the immigrant advantage revisited** • Jenna Nobles, *University of Wisconsin at Madison*; Luis Rubalcava, *Spectron Desarrollo S.C.*; Graciela Teruel, *Universidad Iberoamericana*.
4. **Probabilities of transition among health states: a comparison between older immigrants and native-born people in Europe** • Donatella Lanari, *University of Perugia*; Odoardo Bussini, *Università di Perugia*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 238: Disentangling the spatial and social determinants of demographic behaviour / *Démêler les déterminants spatiaux et sociaux des comportements démographiques***

Chair / Président(e): **Livia Montana**, *University of North Carolina at Chapel Hill*

1. **Do racist attitudes affect the U.S. mortality? – multilevel and age-period-cohort analysis** • Yeonjin Lee, *University of Pennsylvania*; Peter Muennig, *Columbia University*; Ichiro Kawachi, *Harvard University*.
2. **Does the ethnic composition environment matter ? Peer effects on fertility among foreign wives in Korea** • Doo-Sub Kim, *Hanyang University*; Yoo-Jean Song, *Dong-A University*.
3. **Under-five Mortality in Nigeria: Effects of Neighbourhood Contexts** • Sunday A Adedini, *University of the Witwatersrand, South Africa & Obafemi Awolowo University, Nigeria*; Clifford Obby Odimegwu, *University of the Witwatersrand*.
4. **Understanding Differences Between Person and Place Based Neighborhood Interventions through Direct and Indirect Effects** • Noli Brazil, *UC Berkeley*.

**Friday 30 August / Vendredi 30 août**

**10:30 - 12:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 239: Environmental threats to child health / Menaces environnementales pour la santé des enfants**

Chair / Président(e): **Vinod Mishra**, *United Nations Population Division*

1. **Household and Environmental Conditions Influencing Health and Survival of Children in Northern and Southern Regions of India.** • Ankit Anand, *International Institute for Population Sciences (IIPS)*; Duryodhan Sahoo, *International Institute for Population Sciences (IIPS)*.
2. **Vulnerability of Children to Arsenic and its Health Implications: A Case Study of West Bengal, India** • Mohua Guha, *Independent Consultant*; Kamla Gupta, *International Institute for Population Sciences*.
3. **Does ecological zone matter for childhood mortality differentials in Nepal?** • Uma Maheswararao Atla, *Andhra University*; Srinivas Goli, *International Institute for Population Sciences (IIPS)*; Aparajita Chattopadhyay, *International Institute for Population Sciences*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section A, Convention Hall Lobby, 3rd Floor**

**Session 240: Poster session on Demographic methods and data / Séance poster : Méthodes et données démographiques**

Chair / Président(e): **Luis Rosero Bixby**, *Universidad de Costa Rica*

1. **Proximate determinants of fertility in Ghana. An analysis of method of**  
**tion** • Edmund Essah Ameyaw, *Mathematics Department, Howard University*; Delali

Margaret Badasu, *Regional Institute for Population Studies*; Samuel Nii Ardey Codjoe, *University of Ghana*.

2. **A model of mortality based on a mixture distribution** • Stefano Mazzuco, *University of Padova*.
3. **An Assessment of DHS Estimates of Adult and Maternal Mortality** • Thomas W. Pullum, *Demographic and Health Surveys*.
4. **An innovative matrix to explore the life-course of the post-80s generation in Beijing** • Sandra Valerie Constantin, *University of Geneva*.
5. **Assessing the evolution of DHS data quality in estimating levels and trends of maternal mortality in Kenya** • Ann Kiragu, *Université Paris 1 Panthéon-Sorbonne-CRIDUP*.
6. **Bayesian Population Projections with Model Uncertainty** • Arkadiusz Wisniowski, *University of Southampton*; Peter W. F. Smith, *University of Southampton*; Jakub Bijak, *University of Southampton*; James Raymer, *Australian National University*.
7. **Database of demographic indicators for countries of the world and regions of Russia: the latest experience** • Eugeny Soroko, *Institute of Demography at the National Research University Higher School of Economics*.
8. **Dynamic modeling of child malnutrition and morbidity: Evidence from Nairobi's slums** • Ousmane Faye, *Consortium pour la Recherche Economique et Sociale - CRES*; Nizamul Islam, *CEPS/INSTEAD*; Jean Christophe Fotso, *Concern Worldwide USA*; Hildah Essendi, *University of Southampton*.
9. **Estimating Child Mortality Risk: Application and Validation of Gaussian Process Regression** • Katherine T Lofgren, *University of Washington - IHME*; Laura Dwyer-Lindgren, *Institute for Health Metrics and Evaluation, University of Washington*; Haidong Wang, *University of Washington*; Jake R Marcus, ; Julie Knoll Rajaratnam, *Program for Appropriate Technology in Health (PATH)*; Alan D Lopez, *University of Queensland*; Christopher J L Murray, *University of Washington - IHME*.
10. **Estimating the age-specific mortality pattern in limited populations of small as** • Anastasia Kostaki, *Athens University of Economics and Business*; Byron Kotzamanis, *Universite de Thessalie*.
11. **Examination of Korean Mortality Forecasting Models** • Ji-Youn Lee, *Statistics Korea*; Jeeseon Baek, *Statistical Research Institute*; Miock Jeong, *Statistics Korea*; Sooyoung Kim, *Statistics Korea*; Yunkyoun Oh, *Statistics Korea*.
12. **Explaining Age Specific Fertility Rates in India using Mathematical Curve** • Kushagra Gupta, *Banaras Hindu University*; Brijesh Pratap Singh, *Banaras Hindu University*; Gunjan Singh, *JRF DST-CIMS, Department of Statistics, Banaras Hindu University, Varanasi*; Tapan Kumar Roy, *Rajshahi University, Rajshahi, Bangladesh*.
13. **Fertility forecasting using a top-bottom approach: an application for Brazil** • Laura L. Rodriguez Wong, *Federal University of Minas Gerais, CEDEPLAR*; Juliana Vasconcelos de

Souza Barros, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*; **Gabriela de Oliveira Bonifacio**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.

14. **Fertility transition in Brazil: a cohort analysis of anticipation, postponement and recuperation** • **Everton E. Campos De Lima**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*.
15. **Forecasting migration in official population projections using an econometric model - Methodology and experience from Norway** • Ådne Cappelen, *Statistics Norway*; Terje Skjerpen, *Statistics Norway*; **Marianne Tønnessen**, *Statistics Norway*.
16. **Good Data on Educational Attainment Is Hard to Find: The Story behind the WIC-2012 Dataset** • **Michaela Potancokova**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID, WU)*; Anne Valia Goujon, *Vienna Institute of demography*; Ramon Bauer, *Vienna Institute of demography*; Samir Kumar K.C., *IIASA*.
17. **Lost Time ¿What Do the Elderly Do with their Time that We Cannot See? An Evaluation of the Mexican 2009 Time Use Survey through a Simulation Exercise** • **Estela Rivero**, *El Colegio De Mexico*.
18. **Military Career Outcome and Lifespan of 6 Classes of Annapolis and West Point graduates: causation and selection effects.** / Military Career Outcome and Lifespan of 6 Classes of Annapolis and West Point graduates: causation and selection effects. • **Ronny Westerman**, *University of Marburg*; Ulrich Otto Mueller, *Philipps University Marburg*.
19. **Mixing methods to optimise research on sexual behaviour among socially marginalised populations: lessons learnt from a study on Indonesian female sex workers** • **Dewi Ismajani Puradiredja**, *London School of Hygiene and Tropical Medicine (LSHTM)*.
20. **Modeling fertility by order of birth** • **Antoine Pierrard**, *Université Catholique de Louvain*; Giuliana Zegarra Beltran, *Université Catholique de Louvain*; Ester Rizzi, *Université Catholique de Louvain*.
21. **Mother-Daughter Comparisons in Household Surveys** • **Shea Oscar Rutstein**, *ICF International, Inc.*.
22. **Multi-State Back-Projection of the World Population by Age, Sex and Education for 2010-1960: Method, Data, Validation** • **Samir Kumar K.C.**, *IIASA*; Michaela Potancokova, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID, WU)*; Ramon Bauer, *Vienna Institute of demography*; Anne Valia Goujon, *Vienna Institute of demography*; Erich Striessnig, *Vienna University of Economics and Business*; Jana Vobecká, *Vienna Institute of demography*.
23. **New set of population projections by age, sex, and educational attainment for 170 countries of the world: methods and challenges** • **K.C. Samir**, *International Institute for Applied Systems Analysis (IIASA)*; Erich Striessnig, *Vienna University of Economics and Business*.
24. **Private Households in Turkey: Big Changes Ahead** • **Dalkhat M. Ediev**, *Wittgenstein Centre, Vienna Institute of Demography and International Institute for Applied Systems Anal-*

ysis; Sutay Yavuz, *Prime Ministry Turkey/Presidency for Turks Abroad and Related Communities*; **M. Murat Yüceşahin**, *Department of Geography, Faculty of Letters, Ankara University, Sıhhiye, Ankara, Turkey*.

25. **Quality Control Charts as a Tool to Correct Adult Mortality Under-Registration** • **Beatriz Piedad Urdinola**, *Universidad Nacional de Colombia*; Natalia Rojas, *IEPRI-Universidad Nacional de Colombia*.
26. **Temporal and spatial estimation of adult mortality for small areas of Brazil** • **Everton E. Campos De Lima**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*; Bernardo Lanza Queiroz, *Universidade Federal de Minas Gerais*; Flávio Henrique Miranda de Araujo Freire, *Universidade Federal do Rio Grande do Norte*; Josivan Justino, *Universidade Federal do Rio Grande do Norte*.
27. **The Contextual Database of the Generations & Gender Programme: Harmonized Data for the Analysis of Demographic Decision-Making** • Arianna Caporali, *Institut National d'Études Démographiques (INED)*; Sebastian Klusener, *Max Planck Institute for Demographic Research*; Gerda Neyer, *Stockholm University*; **Sandra Krapf**, *Max Planck Institute for Demographic Research*; Olga Grigorieva, *Max Planck Institute for Demographic Research*.
28. **The Human Fertility Collection: an emerging source of demographic data** • **Olga Grigorieva**, *Max Planck Institute for Demographic Research*; Dmitri Jdanov, *Max Planck Institute for demographic Research / New Economic School*; Tomas Sobotka, *Vienna Institute of demography*; Krystof Zeman, *Vienna Institute of demography*; Aiva Jasilioniene, *Max Planck Institute for Demographic Research*; Karolin Kubisch, *Max Planck Institute for Demographic Research*; Vladimir M. Shkolnikov, *Max Planck Institute for Demographic Research*; Joshua Goldstein, *Max Planck Institute for Demographic Research*.
29. **The Interaction of Demographic Processes in the Spanish Provinces, 1858-2010: An Event-Centered Approach** • **José Antonio Ortega**, *Universidad de Salamanca, Spain*; Jesús Javier Sánchez Barricarte, *Universidad Carlos III de Madrid*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section B, Convention Hall Lobby, 3rd Floor**

**Session 241: Poster Session on Health, mortality and longevity (4) / Séance poster : Santé, mortalité et longévité (4)**

Chair / Président(e): **France Meslé**, *Institut National d'Études Démographiques (INED)*

1. **Adult and elderly mortality in Brazil: an assessment of quality of cause of death data** • **Ana Maria Nogales Vasconcelos**, *Universidade de Brasília*; Dalia Elena Romero, *Fundação Oswaldo Cruz*; Elisabeth B. França, *Universidade Federal de Minas Gerais (UFMG)*.
2. **An innovative and practical model for spatial analysis of relation between herbal coverage and Aleppo boil disease in hot and dry regions** • **Mohammad Gheibi**, *Expert Re-*

searcher in Geography and Urban Planning and GIS and RS; Nader Motie-Haghshenas, Population Studies and Research Center in Asia and the Pacific.

3. **Analyse de l'incidence du cancer par département dans la province de Córdoba, Argentine (2004-2008)** • Agost Lisandro, CIECS-INC-UNC; Celine Jeanne Pujol, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET); Carola Leticia Bertone, CIECS-CONICET-UNC; María Franci Sussan Alvarez, Universidad Nacional de Villa María; **María Alejandra Fantin**, Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET).
4. **Approche analytique des données sur la morbidité et la mortalité infantile au Bénin** • S. Esperance Demate, Groupe d'Etude et de Recherche Démographiques et Sociales (GERDeS); A.S. Achille TOKIN, Groupe d'Etude et de Recherche Démographiques et Sociales (GERDeS).
5. **Brazilian adult mortality among men: impact of the health services' investigation of ill-defined causes of death** • Elisabeth B. França, Universidade Federal de Minas Gerais (UFMG); Ana Maria Nogales Vasconcelos, Universidade de Brasilia.
6. **Contribution des causes de décès aux gains en espérance de vie à 65 ans au Canada et l'influence de leur profil par âge, 1979-2007** • Marie-Pier Bergeron Boucher, Universitat Autònoma de Barcelona; Robert Bourbeau, Université de Montréal; Jacques Légaré, Université de Montréal.
7. **Decision Making Autonomy, a catalyst of Nutrition Level of women in Bangladesh: A case study of Dhaka** • Sadananda Mitra, International Organization.
8. **Declining adult mortality in Nairobi slums is due to fall in HIV/AIDS-related mortality** • Abdhalah K Ziraba, African Population and Health Research Center (APHRC); Ian Manfred Timaeus, London School of Hygiene and Tropical Medicine (LSHTM); John Cleland, London School of Hygiene and Tropical Medicine (LSHTM); Alex Chika Ezech, African Population and Health Research Center (APHRC).
9. **Domestic migration and mortality in Sweden 2001 to 2010** • Örjan Hemström, Population and Welfare Department, Forecast Institute, Statistics Sweden; **Andreas Raneke**, Statistics Sweden.
10. **Healthy life expectancy in Brazil using different measures of state of health: applying the Sullivan method** • Dalia Elena Romero, Fundação Oswaldo Cruz; Íuri da Costa Leite, FIOCRUZ, Brasil; Céilia Landmann Szwarcwald, FIOCRUZ. Brasil.
11. **Housing Correlates of Infant and Childhood Mortality in Urban Ethiopia** • **Hadgu Bariagaber**, University of Botswana.
12. **Influence de l'environnement immédiat sur la comorbidité et la gravité de la diarrhée et de la fièvre chez l'enfant à Ouagadougou** • **Franklin Boubou Djourdebbé**, Université de Montréal; Stéphanie Dos Santos, Institut de Recherche pour le Développement (IRD); Thomas K. LeGrand, Université de Montréal; Bassiahi Abdramane Soura, Université de Ouagadougou.

13. **Maternal and Perinatal Death Review at the Facility: an Approach to the Collection and Analysis of Data on Mortality in Bangladesh** • Mst. Farhana Akter, *Population Council*; Ubaidur Rob, *Population Council*; Ismat Ara Hena, *Population Council*.
14. **Monitoring Child Mortality through Community Health Worker Reporting of Births and Deaths: A Case Study of Community Health Surveillance Assistants in**  
**wi** • Agbessi Amouzou, *Johns Hopkins University*; Benjamin Bisa Banda, *National Registration Bureau*; Willie Kachaka, *Malawi National Statistical Office*; Olga Helena Joos, *Johns Hopkins University*; Kenneth H. Hill, *Harvard University*; Jennifer Bryce, *Johns Hopkins University*.
15. **Rural – Urban Differences in the Determinants of Enrolment in Health Insurance in Ghana** • Stephen Kwasi Opoku Duku, *Noguchi Memorial Institute for Medical Research, University of Ghana, Legon*; Christine J. Fenenga, *Amsterdam Institute for Global Health and Development (AIGHD) and University of Groningen*; Alhassan Kaba Robert, *Noguchi memorial institute for medical research, university of Ghana, Legon*; Edward Nketiah-Amponsah, *University of Ghana*.
16. **Seasonal patterns of all-cause and cause-specific mortality in Antananarivo, Madagascar, 1976-2011** • Bruno Masquelier, *Université Catholique de Louvain*; Dominique Wal-tisperger, *Ministère de L'emploi/dares*; Gilles Pison, *Institut National d'Études Démographiques (INED)*.
17. **Single Motherhood and Child Mortality: Is Poverty the Link?** • Shelley Clark, *McGill University*; Donatien Beguy, *African Population and Health Research Center (APHRC)*; Cassandra Cotton, *McGill University*; Adébiyi Germain Boco, *University of Lethbridge*.
18. **Una mirada actual a la mortalidad materna en el Ecuador: cálculos y políticas** • Julio Fernando Ortega, *Universidad San Francisco de Quito*.
19. **Urban Poor in India: the Burden of Child Malnutrition** • Caroline Combelles De Mo-rais, *Mahidol University*; Patama Vapattanawong, *Mahidol University*; Suchada Thaweessit, *Institute for Population and Social Research*.
20. **Verbal Vutopsy on Maternal Mortality in Nigeria: Hearing from the Chief Mourn-ers** • Ezebunwa Nwokocho, *University of Ibadan*.
21. **Whether Changing Environmental Conditions of Living Negate Impact of Socio-economic Development on Health Outcomes of Urban Poor?** • Radhey S. Goyal, *Himgiri Zee University*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section C, Convention Hall Lobby, 3rd Floor**

**Session 242: Poster Session on Gender and population (2) / Séance poster : Genre et population (2)**

Chair / Président(e): **Alaka Basu**, *Cornell University*

1. **Attitudes toward wife beating among Qatari men and women: An analysis of survey data** • M. Nizam Uddin Khan, *Social and Economic Survey Research Institute, Qatar University, Doha, Qatar.*
2. **De la mesure des violences faites aux femmes à la mesure des violences subies par les femmes et par les hommes** • Alice Debauche, *Université de Strasbourg*; Christelle Hamel, *Institut National d'Études Démographiques (INED)*; Elizabeth Brown, *Université de Paris I.*
3. **Economic Crises, Women and Housing Careers in Korea** • Hyunjeong LEE, *Kyung Hee University.*
4. **Family migration and gender differentials in income -The impact of occupational segregation** • Maria Brandén, *Stockholm University demography Unit.*
5. **Female Genital Mutilation: Decomposition of Recent Trends in Mali (2001-2006)** / *Mutilation génitale féminine: Décomposition des Tendances Récentes au Mali (2001-2006)* • Kany Roseline Sidibé, *MARIKANI SARL: Consortium de recherche en sciences Humaines.*
6. **Female Migration: A theoretical and methodological debate in gender** **ies** • Roberta Peres, *NEPO - UNICAMP*; Rosana Baeninger, *Nepo/Unicamp.*
7. **Gender and youth migration: between schooling and marriage? / Genre et Migration des jeunes au Niger: entre scolarisation et nuptialité ?** • Mohamed Boubacar Gaoh, *Bureau Central Du Recensement/INS Niger*; Soumana Harouna, *Ministère de l'économie et des finances.*
8. **Income Disparity between Males and Females of Floating Population in Shanghai, China** • Shuang Zhou, *Institute of Population Research, Peking University.*
9. **Unemployment and intention of migration of women and men: Evidence from Tunisia** • Ibtihel Bouchoucha, *Université Paris Ouest Nanterre La Défense/CERPOS/INED*; Zahia Ouadah-Bedidi, *University Paris Diderot (URMIS) / Institut National d'Études Démographiques (INED).*
10. **Women migrants' domination in Batam City manufacturing industry: Better gender equality or results of gender bias?** • Elda L. Pardede, *University of Indonesia*; purnawati nasution, *BKKBN Riau Islands Province.*

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section D, Convention Hall Lobby, 3rd Floor**

**Session 243: Poster Session on Education and labour force (2) / Séance poster : Education et emploi (2)**

Chair / Président(e): **Cynthia Lloyd**, *Population Council*

1. **Decline of family size, the demographic dividend their unequal effects on children within and across households in Ouagadougou** • James Lachaud, *Université de Montréal*;

Thomas K. LeGrand, *Université de Montréal*; Jean François Kobiane, *Université de Ouagadougou*.

2. **Differential in school performance by migratory situation in Brazil** • Jarvis Campos, *Universidade Federal de Minas Gerais*; **Raquel Pereira Alvares**, *Universidade Federal de Minas Gerais (UFMG)*.
3. **Distributional pattern of social groups in higher education: an analysis of census data, 1991-2001** • Vini Sivanandan, *Gokhale Institute of Politics and Economics*.
4. **Education, homogamy and living standard over the life course: a microsimulation approach** • Pierre Courtioux, *EDHEC Business School*; **Vincent Lignon**, *Institut National d'Études Démographiques (INED)*.
5. The effects of public aid on the schooling of orphans in Benin / **Effets des aides publiques sur la scolarisation des orphelins au Bénin** • **Georges Chabi Olaoumi Kouchoro**, *Institut National de la Statistique et de l'Analyse Economique (INSAE)*.
6. **How does household and community female education affect school participation in a post conflict state? The case of Sierra Leone.** • **Mamusu Kamanda**, *University of Southampton*.
7. **Inequality in school enrollment in Uganda among children of ages 6-17 years** • Juliana Bemanzi, *Makerere University*; **Gideon Rutaremwa**, *Makerere University*.
8. **Parcours scolaires réussis d'enfants d'immigrés issus de familles très breuses** • **Moguerou Laure**, *Université Paris Ouest Nanterre La Défense*; Santelli Emmanuelle, *CNRS*.
9. Schooling preferences and fertility intentions in the urban environment in Burkina Faso / **Préférences éducatives et comportements de fécondité en milieu urbain au Burkina Faso** • **Moussa Bougma**, *Université de Montréal*; Thomas K. LeGrand, *Université de Montréal*; Jean François Kobiane, *Université de Ouagadougou*.
10. **Reckoning Level-Differentials in the Measurement of Progress toward Universal Education: An International Comparison** • **William Joe**, *Institute of Economic Growth*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section E, Convention Hall Lobby, 3rd Floor**

**Session 244: Poster Session on Marriage and union formation, families and households (2) / Séance poster : Mariage et formation des unions, familles et ménages (2)**

Chair / Président(e): **Shelley Clark**, *McGill University*

1. **Are Children Protected Equally from Marriage?: The Complexity of Family Context and Race/Ethnicity on Child Food Insecurity** • **Nyasha Cheyenne Black**, *Pennsylvania State University*.

2. **Attitudes toward marriage during the transition to adulthood in the United States: a multi-methods, representative, approach** • Raquel Zanatta Coutinho, *University of North Carolina at Chapel Hill*.
3. **Determinants and timing of transitions from shared to sole-parent physical custody arrangements** • David Pelletier, *Université de Montréal*; Solène Lardoux, *Université de Montréal*.
4. **Educational Assortative Mating and Homogamy among New Legal Immigrants to the United States** • Pratikshya Bohra-Mishra, *Princeton University*; Gabriela Sanchez-Soto, *University of Texas at San Antonio*.
5. **Friend and peer effects on entry into marriage and parenthood: A multiprocess approach to interrelated family-formation processes** • Nicoletta Balbo, *University Of Groningen*; Nicola Barban, *University Of Groningen*; Melinda Mills, *University Of Groningen*.
6. **Impact of Higher Education Expansion (1999-2004) on Age at First Marriage in China** • Hongbo Wang, *Hong Kong University of Science and Technology*.
7. **Indian women still trapped in vicious circle of violence: Transmitting it from generation to generation** • Aparna Mukherjee, *International Institute for Population Sciences (IIPS)*; Sulabha Parasuraman, *International Institute for Population Sciences*.
8. **Intergenerational transmission of attitudes towards the family: the role of family size** • Valeria Bordone, *Vienna University of Economics and Business, Wittgenstein Centre for Demography and Global Human Capital*; Michael Murphy, *London School of Economics and Political Science (LSE)*; Vegard Skirbekk, *International Institute for Applied Systems Analysis (IIASA)*.
9. **Marriage Late or Forgone: The Case of Lebanon** • Yara Jarallah, *Brown University*.
10. **Shared physical custody and children's experience of stress** • Jani Turunen, *Stockholm University*.
11. **Social Support Networks of Italian Couples** • Giulia Rivellini, *Università Cattolica del Sacro Cuore*; Viviana Amati, *University of Konstanz*; Silvia Meggiolaro, *Department of Statistical Sciences, University of Padova, Italy*; Danya Facchinetti, *Catholic University of Milan*; Susanna Zaccarin, *University of Trieste*.
12. **The Evolution of Births Outside of Marriage, Paternal Recognition and Children's Rights in Brazil** • Joice Melo Vieira, *State University of Campinas/Unicamp*.
13. **The impact of a universal low-fee childcare program on the distribution of income and expenditures within the family: A natural experiment from Canada** • Pierre Lefebvre, *UQAM*.
14. **Trends and patterns of religious intermarriage in Austria (1971-2001): The role of secularization and demographic changes** • Raya Muttarak, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*, *Vienna Institute of Demography/Austrian Academy of Sciences*; Maria Rita Testa, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*, *Vienna Institute of Demography/Austrian Academy of Sciences*.

15. **Who gains from the Swedish family policy? Recent immigrants and “native” families with children labor supply in Sweden** • **Elena Kotyrlo**, *Umeå University*; Niklas Hanes, *Umeå School of Business and Economics, Umeå University*; Magnus Wikström, *Umeå School of Business and Economics, Umeå University*.
16. **Why are stepfathers detrimental to child development? Exploring the effects of stepfathers on child outcomes in the UK.** • **Emily H. Emmott**, *University College London*; Ruth Mace, *University College London*.
17. **Why is Japanese fertility upturning? Observing through marital fertility and nuptiality** • **Kiyosi Hiroshima**, *Shimane University*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section F Convention Hall Lobby, 3rd Floor**

**Session 245: Poster Session on Population ageing and intergenerational relations (2) / Séance poster : Vieillesse démographique et relations intergénérationnelles (2)**

Chair / Président(e): **Yasuhiko Saito**, *Nihon University*

1. **Ageing families and living arrangements in France** / Organisation des familles aux prises avec le vieillissement d'un de ses membres • **Loïc Trabut**, *Institut National d'Études Démographiques (INED)*; Jim Ogg, *Caisse Nationale d'Assurance Vieillesse (CNAV)*; Sylvie Renault, *Caisse Nationale d'Assurance Vieillesse (CNAV)*.
2. **Differentials in pension protection amongst ethnic minorities in Britain** • **Athina Vlachantoni**, *University of Southampton*; Maria Evandrou, *University of Southampton*; Jane Cecilia Falkingham, *University of Southampton*.
3. **Extended Years of Life or Work? Labour force Participation, Access to Healthcare and Welfare of India's Elderly.** • **Suchandrima Chakraborty**, *International Institute for Population Sciences (IIPS)*; T.V. Sekher, *International Institute for Population Sciences (IIPS)*.
4. **Factors Affecting Living Arrangement Transitions among Korea's Older sons** • **Kyunghee Chung**, *Korea Institute for Health and Social Affairs*; Bomi Park, *Korea Institute of Health and Social Affairs*.
5. **Income among Elderly in Kanchanaburi, Thailand** • **Reena Tadee**, *Institute for Population and Social Research*; Kanchana Thianlai, *Institute for Population and Social Research*; Burathep Chokthananukoon, *Institute for Population and Social Research*.
6. **Integrating the Level of Pension System in China—Insights from Predatory-Prey Model** • **Yuhao Li**, *Barcelona Graduate School of Economics*; Yifan Yang, *School of Public Administration, Southwest Jiaotong University, China*; Taixi Xiao, *University of Maryland*.
7. **Inter and intra cohort differences in incidence of private pensions** • **Sarah Wo**, *University of Southampton*.

8. **Old Age Wage Labour Participation and Labour Supply in India: Changes from 1993-94 to 2009-10** • **Upasak Das**, *Indira Gandhi Institute of Development Research (IGIDR)*; Ashish Singh, *Azim Premji University*.
9. **Projection of the siblings of the elderly using a demographic kinship theory and the LifePaths microsimulation model** • **Yann Decarie**, *Institut National de la Recherche Scientifique*; Jacques Légaré, *Université de Montréal*; Alain P Belanger, *Institut National de la Recherche Scientifique (INRS)*.
10. **Public Transfers and the Social Security System in Indonesia: An Analysis Using Generational Accounting and National Transfers Account** • **Maliki Maliki**, *National Development Planning Agency*.
11. **Saving Profiles of Ethnic Minorities: a Life Cycle Analysis** • **Roberta Adami**, *University of Westminster*; Orla Gough, *Westminster Business School*; Anita Sharma, *University of Westminster*; Andrea Carosi, *University of Sassari*.
12. Vulnerability of youth and precarity of old age: an approach based on intergenerational transfer accounts in Senegal / **Vulnérabilité de la jeunesse et précarité de la vieillesse : approche par les comptes de transferts intergénérationnels au Sénégal** • **Latif Dramani**, *Université de Thies*.
13. **What's Happening to the Social Support for the Elder People in Thailand?** • **Sutthida Chuanwan**, *Institute for Population and Social Research*; Teeranong Sakulsri, *Institute for Population and Social Research*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section G Convention Hall Lobby, 3rd Floor**

**Session 246: Poster Session on HIV/AIDS and STDs (2) / Séance poster : VIH/sida et MST (2)**

Chair / Président(e): **Sara Hertog**, *United Nations*

1. **Best practices of HIV prevention among sex workers in the Russian Federation 2001-2011** • **Ilya Zhukov**, *United Nations Population Fund (UNFPA)*; Lidia Bardakova, *UNFPA*; Valentina Bodrova, *Russian Center for Public Opinion & Market Research*; Marina Nikitina, *UNFPA consultant*; Julia Kuznetsova, *AIDS Inforshare*.
2. **Different HIV infection risk behaviors of Transgender people (TG) and Men have sex with men (MSM) in Thailand** • **Rapeepun Jommaroeng**, *Mahidol University*; Kerry Richter, *Institute for Population and Social Research, Mahidol University*; Kosol Chuenchomsakulchai, *Rainbow Sky Association of Thailand*; Treepecht Buakhao, *Data Management Staff & IT*; Danai Linjongrat, *Rainbow Sky Association of Thailand*.
3. **Factors influencing first sexual intercourse for South African youth** • **Amos Oyedokun**, *University of the Witwatersrand*; Clifford Obby Odimegwu, *University of the Witwatersrand*.

4. Male homosexuality in Kinshasa in the time of HIV/AIDS: From crisis of normalization to apparent normativity through multiple sexual histories / **Homosexualité masculine à Kinshasa au temps du VIH/Sida : De la crise de normalisation à la normativité apparente dans le cumul des cursus sexuels** • Gauthier Musenge Mwanza, *University of Kinshasa/Ministère de l'Enseignement Supérieur et Universitaire*.
5. **Identity Formation, Outness and Sexual Risk among Gay and Bisexual Men** • Darcy White, *Hubert Department of Global Health, Rollins School of Public Health, Emory University*; Robert Stephenson, *Hubert department of Global Health, Rollins School of Public Health*.
6. Young women living in couples and AIDS prevention in Ouagadougou (Burkina Faso): between fatalism and resignation / **Les jeunes femmes en union et la prévention du sida à Ouagadougou (Burkina Faso): Entre fatalisme et résignation** • Nathalie Sawadogo, *Université Catholique de Louvain*; Clémentine Rossier, *Institut National d'Études Démographiques (INED)*.
7. **Marriageable Mates: Patterns in Partnership Formation and Sero-Sorting in Rural Uganda** • Elizabeth A. Sully, *Princeton University*.
8. **Sex, HIV, and the Internet: Exploring variations in the online profiles of MSM in the United States** • Darcy White, *Hubert Department of Global Health, Rollins School of Public Health, Emory University*; Catherine A Finneran, *Emory University*; Kimi Sato, *Emory University*; Cory R. Woodyatt, *Emory University*; Robert Stephenson, *Hubert department of Global Health, Rollins School of Public Health*.
9. **Sexual behaviors and risks of STIs/HIV transmission among China's male migrants in a context of sex imbalance** • Shuzhuo Li, *Xi'an Jiaotong University*; Bo Yang, *Xi'an Jiaotong University*; Isabelle Attane, *Institut National d'Études Démographiques (INED)*; Xueyan Yang, *Institute for Population and development Studies, Xi'an Jiaotong University*.
10. **Violent Conflict and Sexual Behavior in Rwanda. -A possible pathway of HIV transmission** • Elina Elveborg Lindskog, *Demography Unit, Stockholm University*.
11. **Why are the benefits of increased resources not impacting the risk of HIV infection for high SES women in Cameroon?** • Joyce N Mumah, *African Population and Health Research Center (APHRC)*; Douglas Jackson-Smith, *Utah State University*.

**Friday 30 August / Vendredi 30 août**

**12:00 - 13:30**

**Poster Section H Convention Hall Lobby, 3rd Floor**

**Session 247: Poster session on Population and the environment / Séance poster :  
*Population et environnement***

Chair / Président(e): **Wolfgang Lutz**, *International Institute for Applied Systems Analysis (IIASA)*

1. **An assessment of redistribution of population in Majuli island, India due to river bank erosion** • **Debendra Kumar Nayak**, *North-Eastern Hill University*; **Mayuri Das**, *North-Eastern Hill University*.
2. **Arsenic Toxicity and Adverse Pregnancy Outcomes: An Insight from West Bengal, India** • **Mohua Guha**, *Independent Consultant*; **Kamla Gupta**, *International Institute for Population Sciences*.
3. **Climate Change Adaptation among Fisher Communities in Coastal Region of Bangladesh** • **Pronob Kumar Mozumder**, *Nature, conservation and Management*; **Kaji Tamanna Keya**, *Population Council Bangladesh*.
4. **Climate change and health: a comparative analysis among regions of Minas Gerais, Brazil** • **Kenya Noronha**, *Universidade Federal de Minas Gerais*; **Glauucia Possas Motta**, *Universidade Federal de Minas Gerais (UFMG)*; **Alisson F Barbieri**, *Universidade Federal de Minas Gerais (UFMG)*; **Edson Paulo Domingues**, *University Federal of Minas Gerais*.
5. **Community education, wealth and environmental risk on child health among indigenous children in North Eastern states of India.** • **Moatula Ao**, *International Institute for Population Sciences (IIPS)*; **Laishram Ladusingh**, *International Institute for Population Sciences*.
6. **Education, Fertility Decline, and Climate Change in India** • **Leiwen Jiang**, *National Center for Atmospheric Research*.
7. **Health Vulnerability Assessment of Heat waves in Korea** • **Satbyul Estella Kim**, *Seoul National Univ.*; **Ho Kim**, *Seoul National University*.
8. **Household demographic and socio-economic predictors of agricultural practices, land use and environmental degradation perception** • **Raul Vanegas**, *Université de Namur*; **Fabrice F.D. Demoulin**, *University of Namur*; **Sabine JF Henry**, *University of Namur*.
9. **Household Food insecurity and Child Survival: Implications for child mortality in Ogun State Nigeria** • **Ezekiel Oluwagbemiga Adeyemi**, *Lagos State University*.
10. **Household Mobility and Climate Change: New Evidence from the Yangtze River Delta of China** • **Yan Tan**, *the University of Adelaide*; **Alec Zuo**, *University of South Australia*.
11. **Impact of climate variability on child health in Benin: a spatio-temporal study of disease trends / Impact de la variabilité climatique sur la santé des enfants au Bénin : Une étude spatio-temporelle de la dynamique des affections.** • **A.S. Achille TOKIN**, *Groupe d'Etude et de Recherche Démographiques et Sociales (GEReDeS)*.

12. **Inter-annual variability of acute lower respiratory infections among children in rural Benin: associations with weather conditions** • Florence De Longueville, *University of Namur*; Sabine JF Henry, *University of Namur*.
13. **Land cover change and ownership turnover in the agricultural frontier: the Maya Biosphere Reserve, Guatemala** • Laurel K Suter, *University Of California, Santa Barbara*; David Lopez-Carr, *University of California, Santa Barbara, Department of Geography*.
14. **Population growth, poverty and forest reliance in Timor-Leste** • Merve Hosgelen, *Flinders University*; Udoy Saikia, *Flinders University*; Gouranga L. Dasvarma, *Flinders University*.
15. **Population mobility and land fragmentation: land use-cover change in Brazil and Guatemala** • Julia Corrêa Côrtes, *Universidade Estadual de Campinas (UNICAMP)*; Laurel K Suter, *University Of California, Santa Barbara*; Alvaro DAntona, *Universidade Estadual de Campinas (UNICAMP)*; David Lopez-Carr, *University of California, Santa Barbara, Department of Geography*.
16. **The Future Impacts of Climate Change on Egyptian Population** • Khaled E. Hassan, *Egyptian Society for Migration Studies*.
17. **Urban Land Use/Land Cover Changes in the Tema Metropolitan Area, Ghana (1990 – 2010)** • Mark Seyram Amenyo-Xa, *University of Cape Coast*; Simon Mariwah, *University of Cape Coast, Ghana*; Kingsley Nana Osei, *University of Cape Coast*.
18. **Urban Resettlement, Natural Disasters and Social Network: a case study case in Belo Horizonte, Brazil** • Raquel de Mattos Viana, *Fundação João Pinheiro*; Alisson F Barbieri, *Universidade Federal de Minas Gerais (UFMG)*.
19. **Using New Methods and Data to Assess and Address Population, Fertility, and Environment links in the Lake Victoria Basin** • Bremner Jason, *Population Reference Bureau*; David Lopez-Carr, *University of California, Santa Barbara, Department of Geography*; Alex Zvoleff, *San Diego State University / University of California at Santa Barbara*; Narcisa Gabriela Pricope, *Southern Oregon University and University Of California Santa Barbara*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 101, Convention Hall, 1st Floor**

**Session 248: Malnutrition in childhood : maternal, household and community determinants / Malnutrition dans l'enfance : les déterminants relevant de la mère, du ménage et de la communauté**

Chair / Président(e): **Barthelemy Kuate Defo**, *Université de Montréal*

1. **Determinants of child Anthropometrics in India: A quantile regression** • Uttamacharya Uttamacharya, *International Institute for Population Sciences*; Perianayagam Arokiasamy, *International Institute for Population Sciences*; **Raj Kumar Verma**, *International Institute for Population Sciences, Mumbai, India*.

2. **Does the community SES modify the household-level effects on child malnutrition in the Empowered Action Group states of India?** • Akanksha Srivastava, *International Institute for Population Sciences, Mumbai*.
3. **Sibling Composition and Child Malnutrition in South Asia, 1992-2007** • Prashant Kumar Singh, *International Institute for Population Sciences (IIPS)*; Sulabha Parasuraman, *International Institute for Population Sciences*.
4. **The household double burden of malnutrition: a multilevel analysis of low and middle income countries** • Katherine Bates, *London School of Economics*; S V Subramanian, *Harvard School of Public Health*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 102, Convention Hall, 1st Floor**

**Session 249: Pathways to health: direct and indirect effects of early life conditions on later health / Trajectoires de santé : effets directs et indirects des conditions de vie initiales sur la santé ultérieure**

Chair / Président(e): **Valerie Jarry**, *Université de Montréal*

Discussant: **George B Ploubidis**, *London School of Hygiene And Tropical Medicine*

1. **Ambient temperature in utero and cold-related adult mortality in a Swedish cohort, 1915 to 2002** • Tim-Allen Bruckner, *University of California at Irvine*; Gerard van den Berg, *Mannheim Universitat*; Ralph Catalano, *University of California, Berkeley*; Kirk Smith, *University of California, Berkeley*.
2. **Lasting effects of the Spanish flu on income and health in later life. The case of Southern Sweden.** • Jonas Helgertz, *Centre for Economic Demography, Lund University*; Tommy Bengtsson, *Lund University*.
3. **Is the effect of birth season on longevity mediated or modified by later life circumstances?** • Alain Gagnon, *Université de Montréal*; Hélène Vézina, *Université Du Québec à Chicoutimi*; Valerie Jarry, *Université de Montréal*.
4. **The Direct and Total Effects of Childhood Conditions on Current Health in Oldest-old are Stronger than that in Young-old** • Ke Shen, *Fudan University, Shanghai*; Yi Zeng, *Duke University And Peking University*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 103, Convention Hall, 1st Floor**

**Session 250: Marriage migration, transnational couples and their families / *Migrations matrimoniales, couples et familles transnationales***

Chair / Président(e): **Monica Boyd**, *University of Toronto*

1. **The reunification decision among Congolese and Senegalese couples separated because of migration to Europe** • **Cris Beauchemin**, *Institut National d'Études Démographiques (INED)*; Jocelyn Nappa Usatu, *Université Catholique de Louvain*; Bruno Schoumaker, *Université Catholique de Louvain*; Pau Baizan, *Universitat Pompeu Fabra and ICREA*; Amparo Gonzalez-Ferrer, *Centro de Ciencias Humanas y Sociales*.
2. **Transnational marriages and reunification: Ghanaian couples between Ghana and Europe** • **Kim Caarls**, *Maastricht University*; Valentina Mazzucato, *Maastricht University*.
3. **Transnational marriages in a network age** • **Meera Balarajan**, *Independent Consultant*.
4. **Vietnamese Brides in Taiwan: Who Are They?** • **Quang Lam Tran**, *Management Sciences for Health, Vietnam*; Thi Mai Nguyen, *General Office for Population and Family Planning*; Diem Hong Tran, *Hanoi National Economics University (PhD candidate)*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 104, Convention Hall, 1st Floor**

**Session 251: International migration: recent policy directions / *Migrations internationales : orientations politiques récentes***

Chair / Président(e): **Lama Kabbanji**, *Institut de Recherche pour le Développement (IRD)*

1. **Improving knowledge, talent and competitiveness: which best practice for the brain drain?** • **Roberta Pace**, *University of Bari*; Maria Carella, *University of Bari*; Alessandro Albano, *EUROSTAT*.
2. **The commercialization of international migration** • **Ninna Nyberg Sørensen**, *Danish Institute for International Studies*.
3. **The Effects of Migration Policies on International Migration Flows An empirical assessment** • **Mathias Czaika**, *International Migration Institute -University of Oxford*; **Hein De Haas**, *International Migration Institute University of Oxford*.
4. **The immigration debate in France and Netherlands, 2010-2102: scope and limits of the demographic approach** • **François Héran**, *Institut National d'Études Démographiques (INED)*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 105, Convention Hall, 1st Floor**

**Session 252: Development assistance to achieve universal health care / *L'aide au développement pour assurer l'accès universel aux soins de santé***

Chair / Président(e): **Vicente B. Jurlano**, *United Nations Population Fund (UNFPA), Philippines*

1. **Health Care Financing in African: What does NHA Estimates Do Reveal about the Distribution of Financial Burden?** • **Akanni Olayinka Lawanson**, *University of Ibadan*.
2. **New Estimates of Global Development Assistance to Child Health Since 1995** • **Chunling Lu**, *Harvard Medical School*; **Annie Chu**, *World Health Organization-Western Pacific Regional Office*; **Kenneth H. Hill**, *Harvard University*.
3. **The Weight of Health Expenditures on Household Income in Cameroon / Poids des Dépenses de Santé sur le Revenu des Ménages au Cameroun** • **Joseph Parfait Owoundi**, *Ministry of Economy, Planning And Regional Development, Yaounde*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 106, Convention Hall, 1st Floor**

**Session 253: Collecting ethnic and racial data in censuses and surveys / *Collecte de données ethniques et raciales dans les recensements et enquêtes***

Chair / Président(e): **Patrick Simon**, *Institut National d'Études Démographiques (INED)*

1. **2011 Census data on language : Different questionnaires, different results** • **René Houle**, *Statistics Canada*; **Jean-Pierre Corbeil**, *Statistics Canada*.
2. **Ethnic classification in the national census, 1985-2012: Evidence from the Ethnicity Counts? project** • **Tahu Hera Kukutai**, *National Institute of Demographic and Economic Analysis*; **Victor Thompson**, *Rider University*.
3. **Question of Ethnic Group Formulation in the Chinese Census** • **Yun Zhou**, *Peking University*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 107, Convention Hall, 1st Floor**

**Session 254: Population and development in East Asia / *Population et développement en Asie orientale***

Chair / Président(e): **Hye-Kyung Lee**, *Pai Chai University*

1. **A new population policy challenge towards the cross border birth issue in Hong Kong** • **Nancy Ling Sze Leung**, *Ritsumeikan University*.

2. **Future development challenges in Mongolia: Multi-state population projections by age, sex, and education** • Thomas Spoorenberg, *United Nations Population Division*; Munkhbador Jugder, *National Statistical Office of Mongolia*.
3. **Is South Korea Ready for Multicultural Families (“다문화”)? An Analysis of Social Media** • Yaeseul Park, *Georgetown University*; Elizabeth Hervey Stephen, *Georgetown University*.
4. **Risk Factors and Policy Challenges of Population Development in China** • Benbo Zhang, *National Development And Reform Commission, China*; Qiang Ren, *Peking University*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 108, Convention Hall, 1st Floor**

**Session 255: Human trafficking and forced migration / *Trafic d’êtres humains et migrations forcées***

Chair / Président(e): **Youssef Courbage**, *Institut National d’Études Démographiques (INED)*

1. **Challenges and Opportunities in Incorporating Demographic Analyses of Displacement into Transitional Justice Processes** • Romesh Silva, *University of California, Berkeley*; Daniel Guzman, *University of Michigan*; Tamy Guberek, *Independent Scholar*.
2. **Child Trafficking in Post-Conflict Situations: Evidence and Lessons Learnt from Displaced Camps in Jammu and Kashmir, India** • Falendra Kumar Sudan, *University of Jammu*.
3. **Reproductive Health and Gender-Based Violence among Displaced Syrian Women in Lebanon** • Jinan AR Usta, *American University of Beirut*.
4. **Trafficking of women and vulnerability to HIV infection in urban Mexico** • Arun Kumar Acharya, *Universidad Autónoma de Nuevo León*; Jennifer Bryson Clark, *South Texas College, USA*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 109, Convention Hall, 1st Floor**

**Session 256: Demographic training: challenges and new approaches / *Formation démographique : défis et nouvelles approches***

Chair / Président(e): **Graziella Caselli**, *Università di Roma - La Sapienza*

1. **The demographer’s profession: thoughts on teaching and research in demography in the 21st century / Le métier de démographe: réflexion sur la formation et la recherche en démographie** • Armelle Andro, *Université Paris 1 Panthéon Sorbonne*; Delphine Arnoux, *ined*; Dominique C. Diguët, *Institut National d’Études Démographiques (INED)*; Géraldine

Duthé, *Institut National d'Études Démographiques (INED)*; Lama Kabbanji, *Institut de Recherche pour le Développement (IRD)*; Marie Lesclingand, *Université de Nice Sophia-Antipolis*; Myriam de Loenzien, *CEPED-IRD*; Catherine E. Sluse, *Institut National d'Études Démographiques (INED)*.

2. **Strengthening demographic training in Francophone Africa / Renforcer la formation démographique en Afrique francophone** • **Parfait M. Eloundou Enyegue**, *Cornell University*; Jean François Kobiane, *Université de Ouagadougou*; Gervais Beninguisse, *Institut de formation et de Recherche Démographiques (IFORD)*.
3. **Building Sustainable Capacity for Population and Public Health Research at African Universities: The CARTA Experience** • **Alex Chika Ezeh**, *African Population and Health Research Center (APHRC)*.
4. **Digital ideas in instruction** • **James Carey**, *University of California*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 110, Convention Hall, 1st Floor**

**Session 257: Migration and gender / Migrations et genre**

Chair / Président(e): **Mark R Montgomery**, *Population Council*

1. **Urban Migration of Adolescent Girls: Quantitative Results from Developing Countries** • **Mark R Montgomery**, *Population Council*; Deborah Balk, *Baruch College, City University of New York (CUNY)*; Susana Beatriz Adamo, *CIESIN, Columbia University*.
2. **Mothering as migrants: Experiences from the informal settlements of Nairobi, Kenya** • **Cassandra Cotton**, *McGill University*; Donatien Beguy, *African Population and Health Research Center (APHRC)*.
3. **International migrations of Congolese and Senegalese women: new forms of autonomous mobility or persistence of family migration patterns?** • **Sophie Vause**, *Université Catholique de Louvain*; Sorana Toma, *University Of Oxford*.
4. **The migratory experiences of Paraguayan women in Spain / Expérience de la migration des femmes du Paraguay en Espagne** • **María Alejandra Fantin**, *Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 258: Consequences of the timing of childbearing for fertility trends and gender equality / Effets du calendrier reproductif sur les tendances de la fécondité et les rapports de genre**

Chair / Président(e): **Nora Elisa Sánchez Gassen**, *Stockholm University*

Discussant: **Oystein Kravdal**, *University of Oslo*

1. **Early, Shorter and Fewer? Convergence of reproductive biographies and pathways to accelerated childbearing among Indian women** • Frans Willekens, *Netherlands Interdisciplinary Demographic Institute (NIDI)*; Sabu Padmadas, *University of Southampton*.
2. **Gendered Spaces of Reproduction** • An-Magritt Jensen, *Norwegian University of Science And Technology (ntnu)*.
3. **When the timing of childbearing condemns women, are reproductive technologies a new way towards gender equality?** • Virginie Rozée, *Institut National d'Études Démographiques (INED)*.
4. **Women's household income contributions and higher-order births in the United States** • Alison Gemmill, *University of California, Berkeley*; Margarita Chudnovskaya, *Stockholm University*; Peter Scholfield Hepburn, *University of California, Berkeley*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 259: Determinants of contraceptive use and method choice / Les déterminants de l'utilisation et du choix méthode de contraception**

Chair / Président(e): **Kofi Awusabo-Asare**, *University of Cape Coast*

Discussant: **Akim Jasper Mturi**, *North-West University (Mafikeng Campus)*

1. **Community Influences on Contraceptive Use in Mozambique** • Boaventura Manuel Cau, *Universidade Eduardo Mondlane*.
2. **Contraceptive use dynamics in South Asia: Has there been Enough Choice?** • Praween Kumar Agrawal, *Population Council*.
3. **Determinants of contraceptive choices in Malawi / Les déterminants des choix contraceptifs au Malawi** • Martin Enock Palamuleni, *North West University*.
4. **Patterns and Determinants of Contraceptive Use in Southern Africa in the context of higher HIV/AIDS prevalence.** • P. Sadasivan Nair, *University of Botswana*; Kannan Navaneetham, *University of Botswana*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 260: The growing number and size of cities: causes and consequences /  
*Croissance des villes en taille et en nombre : causes et conséquences***

Chair / Président(e): **Danan Gu**, *United Nations*

1. **Growing Indian cities and towns throughout the 20th century** • Joël Querci, *Aix-Marseille Université*; Sébastien Oliveau, *Aix-Marseille University*.
2. **Spatial dependence of the level of urbanization and its economic mechanism- A spatial analysis in demography** • Weijin Wang, *Department of Sociology, Peking University*; Jiehua Lu, *Department of Sociology, Peking University*.
3. **The Urban Systems of China and the United States** • Dudley L. Poston, *Texas A&M University*; Qian Xiong, *Texas A&M University*.
4. **L'actuelle migration métropolitaine en Amérique Latine : les métropoles gagnent ou perdent population par migration interne?** • Jorge Rodriguez, *CELADE-Population Division of ECLAC*; Ana Maria Chavez-Galindo, *Centro Regional de Investigaciones Multidisciplinarias*; José Marcos Pinto Da Cunha, *Universidade Estadual de Campinas (UNICAMP)*; Jaime Sobrino, *El Colegio De Mexico*; Jorge Barquero, *Centro Centroamericano de Población (CCP)*; Daniel Macadar, *Facultad de Ciencia Sociales- Universidad de La Republica*; Mario Acuña, *CELADE-CEPAL*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 261: Investing in people. Challenges for population policies in times of crisis. Organized by the European Association for Population Studies (EAPS) /  
*Investir dans les personnes. Défis pour les politiques de population en temps de crise - Organisé par l'Association européenne pour l'étude de la population (EAPS)***

Chair / Président(e): **Nico Van Nimwegen**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*

1. **Investing in children and young adults: challenges and priorities** • Anne H. Gauthier, *Netherlands Interdisciplinary Demographic Institute (NIDI)*.
2. **Investing in migrants and children of migrants: challenges and priorities** • Laura Bernardi, *University of Lausanne*.
3. **Investing in older people: challenges and priorities** • Vegard Skirbekk, *International Institute for Applied Systems Analysis (IIASA)*.
4. **Investing in women: challenges and priorities** • Gerda Neyer, *Stockholm University*.

5. **The demographic impacts of the crisis: a policy oriented overview** • Jane Cecelia Falkingham, *University of Southampton*.

**Friday 30 August / Vendredi 30 août**

**13:30 - 15:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 262: Impacts of environmental and climate change on health and mortality / Conséquences des changements climatiques et environnementaux sur la santé et la mortalité**

Chair / Président(e): **Wolfgang Lutz**, *International Institute for Applied Systems Analysis (IIASA)*

1. **Effect of Asian Dust Storms on Mortality in Korea during 2001-2009** • Hyewon Lee, *Graduate school of public health, Seoul National Univ.*; Ho Kim, *Seoul National University*.
2. **Malaria vulnerability in Ga Mashie, Accra: climate and socio-economic ences** • Margaret - Appiah, *University of Ghana*.
3. **The impact of extreme weather conditions on mortality in two Chinese tions** • Zhongwei Zhao, *Australian National University*; Edward Jow-Ching Tu, *Hong Kong University of Science and Technology*; Yuan Zhu *Australian National University*.
4. **Weather and Mortality in Sub-Sahara Africa: A Retrospective Analysis of Data from Health and Demographic Surveillance Systems** • Martin W Bangha, *INDEPTH Network*; Daniel Azongo, *Navrongo Health Research Center*; Sigilbert Mrema, *Ifahara Health Institute*; Thaddaeus Egondi, *APHRC*; Ali Sie, *CRSN*; Osman Sankoh, *INDEPTH Network*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 101, Convention Hall, 1st Floor**

**Session 263: Right to health in developing countries / Le droit à la santé dans les pays en développement**

Chair / Président(e): **Sheikh Mohammed Shariful Islam**, *ICDDR, B (International Center for Diarrhoeal Diseases Research, Bangladesh)*

1. **Universal coverage for all? Health inequalities in MCH and health systems reforms in Brazil and India** • Tiziana Leone, *London School of Economics and Political Science (LSE)*; Kenya Noronha, *Universidade Federal de Minas Gerais*; Dilip R T, *Public Health Foundation of India (PHFI)*.
2. **To the fullest extent of policy: post-abortion care in Kenya.** • Saumya Ramarao, *The Population Council*; Chi-Chi Undie, *Population Council*; Francis Obare, *Population Council*; Lynn M. Van Lith, *JHU-CCP*; Hannah Searing, *EngenderHealth*; Mercy Wahome, *EngenderHealth*.
3. **Right to contraception: how far achieved and what to be blamed for the unmet need in South Asia?** • Manas Ranjan Pradhan, *International Institute for Population Sciences*

(IIPS), Mumbai; Hanimi Reddy Modugu, *Public Health Foundation of India (PHFI)*; Hiralal Nayak, *Fhi 360*; Nihar Ranjan Mishra, *International Institute for Population Sciences (IIPS)*.

4. **Abortion in Islamic societies: a comparison of Iran and Indonesia** • **Terence H Hull**, *Australian National University*; Mohammad Jalal Abbasi-Shavazi, *University of Tehran and Australian National University*; Meimanat Hossein Chavoshi, *Australian National University*; Ninuk Widyantoro, *Indonesian Women's Health Foundation*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 102, Convention Hall, 1st Floor**

**Session 264: Early life stress and later health / *Stress au début de la vie et santé ultérieure***

Chair / Président(e): **Tommy Bengtsson**, *Lund University*

Discussant: **Alain Gagnon**, *Université de Montréal*

1. **Does Childhood Nutrition Predict Health Outcomes during Adulthood? Evidence from a Population-Based Study in China** • **Yaqiang Qi**, *Renmin University of China*; Jianlin Niu, *Chinese Academy of Social Sciences*; Guoshu Kong, *Renmin University of China*.
2. **Kinship Matters: Long-Term Mortality Consequences of Childhood Migration, Historical Evidence from Northeast China, 1792-1909** • **Hao Dong**, *Hong Kong University of Science and Technology*; James Lee, *Hong Kong University of Science and Technology*.
3. **Multi-Generational Transmission of Maternal Stress in Pregnancy: Evidence from the 1980 Kwangju Uprising in South Korea** • **Chulhee Lee**, *Seoul National University*.
4. **The effect of early-life and mid-life factors on old age mortality** • **Soren Edvinsson**, *Centre for Population Studies, Umea University*; Göran R Broström, *Umeå University*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 103, Convention Hall, 1st Floor**

**Session 265: Internal migration and wellbeing / *Migration interne et bien-être***

Chair / Président(e): **Donatien Beguy**, *African Population and Health Research Center (APHRC)*

1. Family dynamics, migration and the schooling of children in a rural Malian context / **Dynamiques familiales, migrations et scolarisation des enfants dans un contexte rural** • **Marie Lesclingand**, *Université de Nice Sophia-Antipolis*; Marc Pilon, *Institut de Recherche pour le Développement (IRD)*; Mélanie Jacquemin, *Ird*.
2. **Internal Migration, Remittance, and Contraceptive Use in India** • **Apoorva Jadhav**, *University of Pennsylvania*.
3. Temporary migration: a strong component of household adaptation strategies to demographic and environmental constraints in rural Senegal / **Migrations temporaires : un élément fort**

**des stratégies d'adaptation des ménages face aux contraintes démographiques et environnementales en milieu rural sénégalais** • Valérie Delaunay, *Institut de Recherche pour le Développement (IRD)*; Richard Lalou, *IRD (Institut de Recherche pour le Développement)*; Laetitia Douillot, *Institut de Recherche pour le Développement (IRD)*; Djibril DIONE, *Institut de recherche pour le developpement*.

4. **Parental Absence and Child Educational Outcomes in Rural South Africa: Do State Educational Policies Matter?** • Samuel Kojo Antobam, *University of the Witwatersrand*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 104, Convention Hall, 1st Floor**

**Session 266: The demographic dynamics of refugee populations: policies and programmes / Dynamique démographique des populations réfugiées : politiques et programmes**

Chair / Président(e): **Kofi Awusabo-Asare**, *University of Cape Coast*

1. **The Place of Gender in the Demography of Forced Migration** • Ellen Percy Kraly, *Colgate University*.
2. **Adaptation and Return Strategies of the Second-generation Afghan Refugees in Iran** • Mohammad Jalal Abbasi-Shavazi, *University of Tehran and Australian National University*; Rasoul Sadeghi, *Tehran University*; Graeme John Hugo, *University of Adelaide*; Peter McDonald, *Australian National University*.
3. **Forced migration in Brazil: the predominance of African refugees** • Marília Calegari, *State University of Campinas (UNICAMP)*; Rosana Baeninger, *Nepo/Unicamp*; Roberta Peres, *NEPO - UNICAMP*.
4. **Forced Migration, Fertility and Reproductive Health: A Review** • Victor Agadjanian, *Arizona State University*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 105, Convention Hall, 1st Floor**

**Session 267: Belonging and control in population history / L'appartenance et le contrôle des populations dans l'histoire**

Chair / Président(e): **Caroline Bledsoe**, *Northwestern University*

Discussant: **Arland Thornton**, *The University of Michigan*

1. **Social Relationships and Suicide in Comparative Perspective: A New Look at Durkheim's Old Inquiry** • Ning Hsieh, *University of Pennsylvania*.

2. **Feminist Perspectives on Motherhood and Assisted Reproduction** • Gerda Neyer, *Stockholm University*; Laura Bernardi, *University of Lausanne*.
3. Colonization and Muslim population in Algeria / **Colonisation et population musulmane en Algérie** • Yves Montenay, *ICEG (Institut Culture Économie et Géopolitique)*.
4. **Ethnicity and race data collection at some Latin American countries census** • Thais Tartalha Nascimento Lombardi, *University of Campinas*; Alessandra Traldi Simoni, *Universidade Estadual de Campinas (UNICAMP)*; Bárbara Roberto Estanislau, *Universidade Estadual de Campinas (UNICAMP)*; Ricardo S. Dagnino, *Universidade Estadual de Campinas (UNICAMP)*; José Maurício Arruti, *Universidade Estadual de Campinas (UNICAMP)*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 106, Convention Hall, 1st Floor**

**Session 268: Methods for assessing cause and effect in population sciences / Méthodes pour évaluer les rapports de causalité dans les sciences de la population**

Chair / Président(e): George B Ploubidis, *London School of Hygiene And Tropical Medicine*

1. **Allostatic load and health: a crossed-lagged analysis of the English Longitudinal Study of Ageing (ELSA)** • Sanna Read, *London School of Hygiene and Tropical Medicine (LSHTM)*; Emily M D Grundy, *University of Cambridge*.
2. **Exploratory SEM on longitudinal data: Causal modeling in the absence of a priori hypotheses** • Alan A Cohen, *Université de Sherbrooke*; Emmanuel Milot, *Université de Sherbrooke*.
3. **You snus you lose? The effect of Swedish snus on offspring birthweight: a quasi-experimental sibling analysis** • Sol P Juárez, *Centre for Economic Demography, Lund University*; Juan Merlo, *Unit of Social Epidemiology, Lund university*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 107, Convention Hall, 1st Floor**

**Session 269: Ageing in Asia, societal and family support / Vieillir en Asie : soutiens sociétal et familial**

Chair / Président(e): Worawet Suwanrada, *Chulalongkorn University*

Discussant: Edward Jow-Ching Tu, *Hong Kong University of Science and Technology*

1. **Comparison of Living Arrangements and Family Support for the Urban Elderly** • Ik Ki Kim, *Dongguk University*.
2. **Family support and disability among Filipino older people** • Grace Cruz, *University of the Philippines Population Institute*.

3. **Gender and intergenerational coresidence of the elderly in India** • Laishram Ladusingh, *International Institute for Population Sciences*.
4. **Living Arrangements of the Elderly in Vietnam: Adaptation to Change** • Cuc Thu Hoang, *Australian National University*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 108, Convention Hall, 1st Floor**

**Session 270: Urbanisation, economic development and family transformation through history / *Urbanisation, développement économique et transformations familiales : une perspective historique***

Chair / Président(e): **Lionel Kesztenbaum**, *Institut National d'Études Démographiques (INED)*

Discussant: **Jérôme Bourdieu**, *INRA-PSE and EHESS*

1. **Urban and demographic transitions in Belgium in comparative perspective** • **Philippe Bocquier**, *Université Catholique de Louvain*; Rafael Costa, *Université Catholique de Louvain*.
2. **Does cohort size matter to residential mobility? The case of Barcelona's central city** • **Antonio Lopez Gay**, *Centre d'Estudis Demografics*; Clara H. Mulder, *University Of Groningen*.
3. **Marriage and Household in Early Modern Northeastern Japan: Rural-Urban Similarity and Diversity** • **Satomi Kurosu**, *Reitaku University*; Miyuki Takahashi, *Rissho University*.
4. **Social Composition and family Structure of Slums and Non-Slums households: A Study in Selected Cities of India** • **Sayan Roy**, *Central University Of Karnataka, Gulbarga, India*; Ram Babu Bhagat, *International Institute for Population Sciences (IIPS)*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 109, Convention Hall, 1st Floor**

**Session 271: Education and social mobility / *Education et mobilité sociale***

Chair / Président(e): **Parfait M. Eloundou Enyegue**, *Cornell University*

1. The importance of human and social capital in young people's labor market integration: Case of a medium-sized city in Cameroon (Bafia) / **De l'importance des capitaux humain et social dans l'insertion des jeunes sur le marché du travail : cas d'une ville moyenne du Cameroun (Bafia)** • **Samuel Nouetagni**, *Institut de formation et de Recherche Démographiques (IFORD)*; Mathias KUEPIE, *CEPS-INSTEAD*.
2. Growth factors for school enrolment in Sub-Saharan Africa: from the 1990s to the time of reviews of the MDGs / **Facteurs d'accroissement des taux de scolarisation en Afrique**

**subsaharienne : des années 1990 à l'heure du bilan des OMD** • Crispin Mabika Mabi-ka, *Université de Kinshasa*.

3. Intergenerational social mobility in Morocco / **Mobilité sociale intergénérationnelle au Maroc** • Abdelkader Teto, *Haut Commissariat au Plan morroco*.
4. **Residential Mobility, Education and Social Mobility** • Jean François Kobiane, *Université de Ouagadougou*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 110, Convention Hall, 1st Floor**

**Session 272: Gender, work and family (2) / Genre, travail et famille (2)**

Chair / Président(e): Irene Casique, *Universidad Nacional Autónoma de México*

1. **Gender disparities in housework in France: lessons from last 25 years** • Ariane Pailhe, *Institut National d'Études Démographiques (INED)*; Anne Solaz, *Institut National d'Études Démographiques (INED)*.
2. **The transition to the first birth and labour market trajectories: the interrelation of micro and macro social factors** • Ana Laura Fostik, *Institut National de la Recherche Scientifique (INRS)*; Benoît Laplante, *Institut National de la Recherche Scientifique (INRS)*.
3. **Trends in Patterns of Employment since the German Reunification and the Wellbeing of Parents in Eastern and Western Germany** • Angelika Tölke, *German Youth Institute*; Heike Wirth, *GESIS*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 273: Recent fertility change: quantum and tempo effects. Further perspectives / Evolution récente de la fécondité : effets de calendrier et d'intensité.**

**Nouvelles perspectives**

Chair / Président(e): Thomas Spoorenberg, *United Nations Population Division*

1. **A moveable feast? The flexibility of fertility preferences in a transitioning Malawian community** • Jenny Trinitapoli, *Penn State University*; Sara Yeatman, *University of Colorado at Denver*; Hannah Furnas, *Penn State University*.
2. **Exploring the tempo-quantum interplay in the period fertility trends in dia** • Uttamacharya Uttamacharya, *International Institute for Population Sciences*; Perianayagam Arokiasamy, *International Institute for Population Sciences*.
3. **Fertility of Turkish and Moroccan women in the Netherlands: second generation are much closer to native women than to their mothers** • Han Nicolaas, *Statistics Netherlands*.

4. **Is the Age at First Birth in the Genes? A Study of UK Twins** • **Felix Christian Tropf**, *Rijksuniversiteit Groningen*; Nicola Barban, *University Of Groningen*; Harold Snieder, *Rijksuniversiteit Groningen*; Jornt J Mandemakers, *University Of Groningen*; Melinda Mills, *University Of Groningen*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 274: Unmet need for family planning / *Les besoins non satisfaits en planification familiale***

Chair / Président(e): **Thomas W. Pullum**, *Demographic and Health Surveys*

Discussant: **Baochang Gu**, *Renmin University of China*

1. **Factors associated with unmet need of family planning and its Impact on population growth in Bangladesh** • **M Sheikh Giashuddin**, *Jagannath University, Dhaka*; Mohamad Kabir, *Jahangirnagar University*.
2. **Insights into Unmet Need in Kenya and Senegal** • **Kazuyo Machiyama**, *London School of Hygiene & Tropical Medicine*; John Cleland, *London School of Hygiene and Tropical Medicine (LSHTM)*.
3. **No contraceptive use and unmet needs among married women in Shanghai, na** • **Yan Che**, *Shanghai Institute of Planned Parenthood Research*; Xiaoyan Ding, *Shanghai Contraceptives Supplies and Service Association*; Wei Jiang, *Shanghai Management Centre for Contraceptive Drugs and Devices*; Wenjuan Tang, *Shanghai Management Centre for Contraceptive Drugs and Devices*; Yuzhi Zhang, *Shanghai Population Association*.
4. **Unpacking unmet need: reproductive health transitions** • **Toshiko Kaneda**, *Population Reference Bureau*; Jill Melissa Hagey, *Population Reference Bureau (PRB)*; Rhonda R. Smith, *Population Reference Bureau*; Wendy Baldwin, *Population Reference Bureau*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 275: Living arrangements and family support of older people / *Conditions de résidence et soutien familial aux personnes âgées***

Chair / Président(e): **Zhenmei Zhang**, *Michigan State University*

Discussant: **Jung-Hwa Ha**, *Seoul National University*

1. **Living Arrangements of the Elderly in China: Evidence from the CHARLS National Baseline** • **John Strauss**, *University of South California*; Yaohui Zhao, *Peking University*; Xiaoyan Lei, *Peking University*; Meng Tian, *Peking University*.

2. **Living Arrangements of the Elderly in China and Consequences for Their Emotional Well-being** • **Qiang Ren**, *Peking University*; Donald J. Treiman, *California Center for Population Research, UCLA*.
3. **Migration, Location, and Provision of Support to Old-Age Parents Living in Romania** • **Zachary Zimmer**, *University of California, San Francisco*; Codrina Rada, *University of Utah*.
4. **Pathways into long-term care accommodation in Britain: common aspects, differences and policy implications** • **Maria Evandrou**, *University of Southampton*; Jane Cecelia Falkingham, *University of Southampton*; Olga Maslovskaya, *University of Southampton*; Athina Vlachantoni, *University of Southampton*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 276: Fertility and reproductive health: examining links with the environment / *Fécondité et santé de la reproduction : examiner les liens avec l'environnement***

Chair / Président(e): **Jennifer E Glick**, *Arizona State University*

1. **A New Perspective on Replacement Fertility** • **Jenna Nobles**, *University of Wisconsin at Madison*; Elizabeth Frankenberg, *Duke University*; Duncan Thomas, *Duke University*.
2. **Cold ambient temperature in utero and birth outcomes in Uppsala, Sweden, 1915 to 1929** • **Tim-Allen Bruckner**, *University of California at Irvine*; Bitte Modin, *Stockholm University/Karolinska Institute*; Denny Vagero, *Stockholm University/Karolinska Institute*.
3. **Do Population-Health-Environment (PHE) initiatives work? Evidence from WWF-sponsored projects in Africa and Asia** • **David Lopez-Carr**, *University of California, Santa Barbara, Department of Geography*.
4. **Land Degradation and Fertility in sub-Saharan West Africa: Disaggregating the Demographic Response** • **Isaac Sasson**, *University of Texas at Austin*; Alexander Weinreb, *University of Texas at Austin*.

**Friday 30 August / Vendredi 30 août**

**15:30 - 17:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 277: Risk mapping / *La cartographie des risques***

Chair / Président(e): **Wolfgang Lutz**, *International Institute for Applied Systems Analysis (IIASA)*

1. **Climate, land use and population variability influencing the spatial and temporal distribution of malaria risk in the Amazon** • Beth J Feingold, *Duke University*; Benjamin Zaitchik, *Johns Hopkins University*; Alex Sandoval, *DIRESA-Loreto, Peru*; Carlos Alvarez

Antonio, *DIRESA-Loreto, Peru*; Rosa Patricia Zagarra Vasquez, *DIRESA-Loreto, Peru*; **William K Pan**, *Duke University*.

2. **The Effects of Meteorological Factors on Mortality: Evidence from Two Health and Demographic Surveillance Sites in Bangladesh, 1983-2009** • Nurul Alam, *ICDDR, B*; Wietze Lindeboom, *Expert in demography*; Dilruba Begum, Peter Kim Streatfield, *Icddr, B*.
3. **Urbanization and Climate Change Hazards in Asia** • Deborah Balk, *Baruch College, City University of New York (CUNY)*; Mark R Montgomery, *Population Council*.

**Friday 30 August / Vendredi 30 août**

**17:30 - 19:00**

**Grand Ballroom, Convention Hall Lobby, 3rd Floor**

**Session 278: IUSSP Plenary on How families will change in the next 20 years / Séance plénière de l'UIESP : Comment les familles vont-elles évoluer au cours des 20 prochaines années ?**

Chair / Président(e): **Peter McDonald**, *Australian National University*

1. **Africa / Afrique** • **Jennifer Johnson-Hanks**, *UC Berkeley*.
2. **Asia / Asie** • **Gavin W. Jones**, *National University of Singapore*.
3. **Europe / Europe** • **Wendy Sigle-Rushton**, *London School of Economics and Political Science (LSE)*
4. **Latin America / Amérique latine** • **Albert Esteve Palos**, *Centre d'Etudis Demografics*.

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**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 101, Convention Hall, 1st Floor**

**Session 279: Early life socioeconomic adversity and later health / Difficultés socio-économiques en début de vie et santé ultérieure**

Chair / Président(e): **Alain Gagnon**, *Université de Montréal*

Discussant: **Jonas Helgertz**, *Centre for Economic Demography, Lund University*

1. **Does childhood and adult socioeconomic status predict obesity in Korea: Results from the Korean National Health and Nutrition Examination Survey 2007-2009** • **Yeonjin Lee**, *University of Pennsylvania*; Irma T Elo, *University of Pennsylvania*; Hyunjoon Park, *University of Pennsylvania*.
2. **Life – course Socio-Economic Position and later life health related behaviour: A causal mediation approach** • **George B Ploubidis**, *London School of Hygiene And Tropical Medicine*; Bianca De Stavola, *London School of Hygiene and Tropical Medicine*; Lenka Benova, *London School of Hygiene And Tropical Medicine*; Emily M D Grundy, *University of Cambridge*.

3. **Lifecourse pathways to racial disparities in cognitive impairment among elderly Americans** • **Zhenmei Zhang**, *Michigan State University*; Mark D Hayward, *University of Texas at Austin*; Yan-Liang Yu, *Michigan State University*.
4. **The role of early- and midlife conditions for healthy aging in Europe** • **Martina Brandt**, *MPISOC*; Christian Deindl, *University of Cologne*; Karsten Hank, *University of Cologne*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 102, Convention Hall, 1st Floor**

**Session 280: Analysing causes of death to understand trends and differentials / L'analyse des causes de décès pour comprendre les tendances et les différentiels de mortalité**

Chair / Président(e): **Domantas Jasilionis**, *Max Planck Institute for Demographic Research / Institute for Demographic Research, Lithuanian Social Research Centre*

1. **After the epidemiological transition: an evaluation of the mortality due to infectious and parasitic diseases in France and Italy using the multiple cause-of-death approach** • **Aline Desesquelles**, *Institut National d'Études Démographiques (INED)*; Elena Demuru, *Sapienza University of Rome* ; Viviana Egidi, *Università di Roma - La Sapienza*; Marilena Pappagallo, *ISTAT*; Luisa Frova, *ISTAT*; Michele Salvatore, *ISTAT*.
2. **Forty-five years of cause-specific mortality trends in Moldova** • **Olga Penina**, *Academy of Sciences of Moldova, Centre for Demographic Research*; Jacques Vallin, *Institut National d'Études Démographiques (INED)*.
3. **Mortality in India during 1970-2006: The role of causes of death in explaining the Female-Male mortality gap** • **Nandita Saikia**, *Institute of Economic Growth, New Delhi*; Vladimir Canudas-Romo, *University of Southern Denmark*.
4. **Understanding recent mortality reversal in Central Europe: case of Czech Republic and Poland** • **Marketa Pechholdova**, *University of Economics, Prague*; Agnieszka Fihel, *University of Warsaw*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 103, Convention Hall, 1st Floor**

**Session 281: Migration policies and trends / Tendances et politiques migratoires**

Chair / Président(e): **Lama Kabbanji**, *Institut de Recherche pour le Développement (IRD)*

Discussant: **Amparo Gonzalez-Ferrer**, *Centro de Ciencias Humanas y Sociales*

1. **Exploring 'neo-Malthusian' demographic rationales in migration policy-making** • **Alessio Cangiano**, *University of the South Pacific*.

2. **Le niveau scolaire des populations immigrées en France : miroir des constructions administratives** • **Moguerou Laure**, *Université Paris Ouest Nanterre La Défense*; **Primon Jean-Luc**, *Université Nice Sophia Antipolis*.
3. **Transnationalism and the Production of South Korean Education Migrants in Canada.** • **Marjorie Johnstone**, *University of Toronto*; **Eunjung Lee**, *University of Toronto*.
4. **Employment of Return Migrants and Rural Industrialization in China---A Case Study in Hunan Province** • **Xi Zhao**, *Department of Development Economics, Migration and Agricultural Policy, Kassel University*; **Beatrice Knerr**, *University of Kassel*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 104, Convention Hall, 1st Floor**

**Session 282: The sustainability of mega-cities / La viabilité des mégapoles**

Chair / Président(e): **Gavin W. Jones** *National University of Singapore*

1. **Freedom to Move, Barriers to Stay: An examination of rural migrants' urban transition in the Indian Capital of Delhi** • **Gayatri Singh**, *Brown University*.
2. **Growth Patterns of World's Cities Since 1950** • **Danan Gu**, *United Nations*; **Patrick Gerland**, *United Nations Population Division (Population Estimates and Projections Section)*; **Kirill Andreev**, *United Nations Population Division (Population Estimates and Projections Section)*; **Nan Li**, *United Nations Population Division*; **Thomas Spoorenberg**, *United Nations Population Division*; **Gerhard Heilig**, *United Nations, Population Division*.
3. **Migration and Employment Situation in Mega City: A case of Greater Mumbai Metropolitan Region** • **Dharmendra Prapap Singh**, *Tata Institute of Social Sciences (TISS)*.
4. **The challenge of "human" sustainability for Indian mega-cities: Squatter settlements, forced evictions and resettlement & rehabilitation policies in Delhi** • **Véronique D.N. Dupont**, *Institut de Recherche pour le Développement (IRD)*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 105, Convention Hall, 1st Floor**

**Session 283: New regional estimates of fertility in China and India / Nouvelles estimations régionales de la fécondité en Chine et en Inde**

Chair / Président(e): **Qiang Ren**, *Peking University*

1. **The changing contours of fertility in India** • **Christophe Z Guilmoto**, *Institut de Recherche pour le Développement (IRD)*.
2. **Fertility Transition in Districts of India: Evidence from District Level Household and Facility Survey 2007-08** • **Aalok Ranjan Chaurasia**, *Shyam Institute*.
3. **The changes of population fertility and the influencing factors in China based on the sixth census** • **Guangzhou Wang**, *Institute of Population and Labor Economics Research*;

Chonghui Fu, *School of Humanities and Administration, GuangDong Medical College;*  
Xuchun Zeng, *ShenZhen Institute of Population and Family Planning research.*

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 106, Convention Hall, 1st Floor**

**Session 284: Population and the environment / *Population et environnement***

Chair / Président(e): **Wolfgang Lutz**, *International Institute for Applied Systems Analysis (IIASA)*

1. **Effects of the 2010 Droughts and Floods on Community Welfare in Rural Thailand: Differential Effects of Village Educational Attainment** • **Alessandra Garbero**, *International Institute for Applied Systems Analysis (IIASA)*; **Raya Muttarak**, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*, *Vienna Institute of Demography/Austrian Academy of Sciences.*
2. **Human Capital and Water: Assessing the Direct Relationship and the Impact of Urbanization in LDCs and non-LDCs.** • **Sylvia Szabo**, *University of Southampton.*
3. **Terra Populus: Integrated Data on Population and Environment** • **Steven Ruggles**, **Catherine A Fitch**, **Tracy Kugler**, **Jonathan Foley**, **Steven Manson**, **Matthew Sobek**, **Peter D Clark**, **David Van Riper**, *University of Minnesota.*

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 107, Convention Hall, 1st Floor**

**Session 285: Harmful traditional practices: female genital mutilation and other practices / *Pratiques traditionnelles néfastes : mutilations sexuelles féminines et autres***

Chair / Président(e): **Armelle Andro**, *Université Paris 1 Panthéon Sorbonne*

Discussant: **Marie Lesclingand**, *Université de Nice Sophia-Antipolis*

1. **Female Genital Mutilation and its effects over Women's Health** • **Enu Anand**, *International Institute for Population Sciences (IIPS)*; **Jayakant Singh**, *International Institute for Population Sciences (IIPS).*
2. **Mother to daughter transmission of Female Genital Mutilation among African immigrants in Italy** • **Patrizia Farina**, *University Milan Bicocca*; **Livia Elisa Ortensi**, *Università degli studi di Milano - Bicocca.*
3. **Religion and practice of excision in Côte d'Ivoire** • **Joel Nguéabou Nguemo**, *Ministry of Economy, planning and regional development*; **Glebelho Lazare Sika**, *ENSEA.*
4. **Towards a better estimation of the prevalence of FGM in the European Union** • **Els MM Leye**, *International Centre for Reproductive Health, Ghent University.*

**Saturday 31 August / Samedi 31 août**  
**08:30 - 10:00**  
**Room 108, Convention Hall, 1st Floor**

**Session 286: Population and human rights / *Population et droits de l'homme***  
Chair / Président(e): **Sofia Gruskin**, *University of Southern California*

1. **Colombian Armed Conflict and its Effects on Fertility Agendas, 2000 – 2010** • Beatriz Piedad Urdinola, *Universidad Nacional de Colombia*; **Andrés Felipe Castro Torres**, *Departamento Nacional de Planeación*.
2. **Sexual and reproductive health and rights and population: an analysis of achievements, gaps and challenges** • **Gita Sen**, *Indian Institute of Management, Bangalore*; *Development Alternatives with Women for a New Era (DAWN)*; **Rajat Khosla**, *Amnesty International*.
3. **Solving the Low Fertility Rate with Technology?: Population Policy and Woman's Right to Health** • **Jung-Ok Ha**, *Institute for Gender Research*.

**Saturday 31 August / Samedi 31 août**  
**08:30 - 10:00**  
**Room 110, Convention Hall, 1st Floor**

**Session 287: Gender, work and family (1) / *Genre, travail et famille (1)***  
Chair / Président(e): **Suzana M Cavenaghi**, *National School of Statistical Science at The Brazilian Institution of Geography and Statistics - ENCE/IBGE*

1. **Economic Growth and Women's Labour Force Participation in Indian States** • **Rahul Lahoti**, *Indian Institute of Management (IIM)*; **Hema Swaminathan**, *Indian Institute of Management, Bangalore*.
2. **Gender roles in family and earnings differences in Brazil** • **Simone Wajzman**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
3. **Occupational outcomes of internal migration: The importance of gender and migration roles.** • **Sergi Vidal**, *Universität Bremen*; **Francisco Perales**, *The University of Queensland*.
4. **Gender differences in adolescents' work and family orientations in the United States** • **Sarah Hayford**, *Arizona State University*; **Jessica Halliday Hardie**, *University of Missouri-Kansas City*.

**Saturday 31 August / Samedi 31 août**  
**08:30 - 10:00**  
**Room 201, Convention Hall, 2nd Floor**

**Session 288: Childlessness: measurement, determinants, and trends / *Une vie sans enfant : mesure, déterminants, et tendances***  
Chair / Président(e): **Fernando Rajulton**, *University Of Western Ontario*

Discussant: **Evelyne Lapierre-Adamcyk**, *Université de Montréal*

1. **Determinants of childlessness among men and women in Italy: does socio-economic status act in a different way?** • **Maria Letizia Tanturri**, *University of Padua*.
2. **Family and Socioeconomic Predictors of Childlessness for Women in High Income Countries: a multilevel analysis** • **Susan Barris Schaffnit**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Rebecca Sear**, *London School of Hygiene And Tropical Medicine*.
3. **Level, Trend and Pattern of Childlessness in Iran** • **Hajiieh Bibi Razeghi Nasrabad**, *Population Studies and Research Center of Asia and the Pacific, Tehran, Iran.*; **Mohammad Jalal Abbasi-Shavazi**, *University of Tehran and Australian National University*; **Meimanat Hossein Chavoshi**, *Australian National University*; **mohammad reza karegar shooraki**, *ministry of cooperatives, labour and social welfare*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 289: Youth SRH services needs and challenges / Les besoins et les défis des services de santé sexuelle et reproductive destinés aux jeunes**

Chair / Président(e): **Elena Prada**, *Guttmacher Institute*

Discussant: **Nyovani Madise**, *University of Southampton*

1. **Do young women in India prepared to deal with SRH issues? : A case study of Jharkhand, India** • **Sushanta Banerjee**, *Ipas*; **Janardan Warvadekar**, *Ipas-India*; **Kathryn L Andersen**, *Ipas NC*; **Paramita Aich**, *Ipas*.
2. **Factors associated with contraceptive use behavior among adolescents in two informal settlements in Nairobi, Kenya** • **Joyce N Mumah**, *African Population and Health Research Center (APHRC)*; **Donatien Beguy**, *African Population and Health Research Center (APHRC)*; **Michael M. Mutua**, *African Population and Health Research Center (APHRC)*; **Salome Wawire**, *Independent Consultant*.
3. **Perceived Facilitators and Barriers to Interventions Aimed at Reducing Unintended Pregnancies among Adolescents in Low and Middle Income (Developing) Countries- A Systematic Review** • **Yeetey Akpe Enuameh**, *Drexel University*; **Sarahlouise White**, *Joanna Briggs Institute (JBI), Adelaide, Australia*; **George Adjei**, *Kintampo Health Research Centre*; **Livesy Abokyi**, *Kintampo Health Research Centre*; **Seth Owusu-Agyei**, *Kintampo Health Research Centre*; **Alan Pearson**, *Joanna Briggs Institute (JBI), Adelaide, Australia*.
4. **Youth Friendly Services? Using simulated clients to evaluate sexual health services in urban South Africa** • **Rebecca S. Geary**, *London School of Hygiene And Tropical Medicine*; **Lynda Clarke**, *London School of Hygiene And Tropical Medicine*; **Emily Webb**, *London School of Hygiene And Tropical Medicine*; **Shane Norris**, *University of the Witwatersrand*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 290: Work-family and work-life issues / Concilier travail, vie familiale et vie personnelle**

Chair / Président(e): **Zitha Mokomane**, *Human Sciences Research Council of South Africa*

1. **Coping with Family and Work Responsibilities in the Context of Rapid Urbanisation: Strategies of Mothers in Accra, Ghana** • **Philippa J Waterhouse**, *University of Southampton*.
2. **Employment without childcare: How do parents do it?** • **Jennifer Anne Baxter**, *Australian Institute of Family Studies*; **Matthew Gray**, *Australian National University*.
3. Female economic labor and domestic responsibilities : a difficult combination in Cotonou (Bénin) / **Entre activité professionnelle et famille : la double vie de femme à Cotonou (Bénin)** • **Agnès Adjamagbo**, *Institut de Recherche pour le Développement (IRD)*; **Bénédictte Gastineau**, *Ird*; **Josette Gnele**, *Centre de Formation et de Recherche en matière de Population (CEFORP)/IRD*; **Saturnine Michozounnou**, *Centre de formation et de Recherche en Population (CEFORP)*.
4. **Time alone or time together? The impact of family life cycle and education on couples' time use in Sweden (1990-2010)**. • **Jeff Neilson**, *Centre for Economic Demography, Lund University*; **Maria Stanfors**, *Centre for Economic Demography/Dept of Economic History, Lund University*.

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 291: Population-Environment dynamics in Latin America / La dynamique population-environnement en Amérique latine**

Chair / Président(e): **William K Pan**, *Duke University*

1. **Demographic Dynamics, Livelihoods and Land Use: a Twenty Five Years Longitudinal Study for the Brazilian Amazon** • **Alisson F Barbieri**, *Universidade Federal de Minas Gerais (UFMG)*; **Gilvan Guedes**, *Universidade Federal de Minas Gerais & Indiana University*; **Mariangela Furlan Antigo**, *Universidade Federal de Minas Gerais (UFMG)*.
2. **The effects of population and land cover change on food security in Latin America from 1961 -2011** • **David Lopez-Carr**, *University of California, Santa Barbara, Department of Geography*; **Daniel Ervin**, *University of California, Santa Barbara, Department of Geography*; **Anna Carla Lopez**, *San Diego State University*.
3. **Understanding energy consumption in Mexico: an age-period-cohort analysis** • **Landy L Sanchez**, *El Colegio De Mexico*.

4. **Urbanization, food consumption patterns and population growth: challenges for the use of natural resources in México and Brazil** • Bárbara A Willaarts, *Universidad Politécnica de Madrid*; Ignacio Pardo, *Programa de Población, FCS, Universidad de la República (Uruguay)*; Gabriela de la Mora, *Instituto de Investigaciones Sociales, Universidad Autónoma de Nuevo León.*

**Saturday 31 August / Samedi 31 août**

**08:30 - 10:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 292: Indirect estimation of age: applications in paleo-, medieval and contemporary demography / Estimations indirectes de l'âge : applications en paléodémographie, en démographie historique et contemporaine**

Chair / Président(e): **Isabelle Seguy**, *Institut National d'Études Démographiques (INED)*

1. **Missing women in the Italian middle ages? Data and interpretation** • Maria Castiglioni, *University of Padova*; Gianpiero Dalla Zuanna, *University of Padova*; Irene Barbiera, *University of Padova*.
2. Presentation and implementation of a new approach to age estimation using biological indicators (Bayesian inference) / **Présentation et mise en œuvre d'une nouvelle approche de l'âge à partir d'indicateurs biologiques (procédure d'inférence bayésienne)** • Luc Buchet, *CNRS/INED*; Henri Caussin, *Université Paul Sabatier*; Daniel Courgeau, *Institut National d'Études Démographiques (INED)*.
3. Quality of age data from African censuses. Evidence from census data matching in Mali. / **Quelle fiabilité accorder aux déclarations sur les âges en Afrique ? Les enseignements d'un appariement de recensements au Mali.** • Assa Gakou Doumbia, *Instat Mali*; Véronique Hertrich, *Institut National d'Études Démographiques (INED)*.
4. **Transition Analysis as a Method of Age Estimation, a Reevaluation from an Anthropological Perspective** • Patricia O. Hernandez Espinoza, *Centro INAH Sonora*; Lourdes Marquez Morfin, *Escuela Nacional de Antropología E Historia (inah)*; Meggan Bullock, *Escuela Nacional de Antropología e Historia*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 101, Convention Hall, 1st Floor**

**Session 293: The consequences of an ageing workforce / Les conséquences du vieillissement de la population active**

Chair / Président(e): **Hiroshi Kojima**, *Waseda University*

1. **Psychosocial risks at work in Europe: when and how age matters?** • Ceren Inan, *Ministère du Travail, de l'Emploi, de la Formation professionnelle et du Dialogue social*.

2. **Labor Force Projections for Europe by Age, Sex, and Highest Level of Educational Attainment, 2008 to 2053** • **Elke Loichinger**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OeAW, WU), Vienna University of Economics and Business*.
3. **Ageing Dynamics of a Human-Capital-Specific Population: the Case of Italy** • **Dimiter Philipov**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU)*; **Anne Valia Goujon**, *Vienna Institute of demography*; **Paola Di Giulio**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, WU)*; **Dalkhat M. Ediev**, *Wittgenstein Centre, Vienna Institute of Demography and International Institute for Applied Systems Analysis*.
4. **Can demographically caused cognitive decline in China and India be offset by investments in education?** • **Marcin Stonawski**, *International Institute for Applied Systems Analysis (IIASA) / Cracow University of Economics*; **Vegard Skirbekk**, *International Institute for Applied Systems Analysis (IIASA)*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 102, Convention Hall, 1st Floor**

**Session 294: New approaches to the collection and analysis of data on mortality and cause-of-death / Nouvelles approches pour la collecte et l'analyse des données sur la mortalité et les causes de décès**

Chair / Président(e): **Samuel Kelodjoue**, *University of Dschang*

1. **Age-pattern of Mortality in India: An Exposition of Recent Household Death Approach** • **Ashish Kumar Kumar Gupta**, *International Institute for Population Sciences (IIPS)*; **Laishram Ladusingh**, *International Institute for Population Sciences*.
2. **Applications for measuring maternal mortality: Three case studies using verbal autopsy methodology** • **Sian Curtis**, *University of North Carolina at Chapel Hill*; **Robert G. Mswia**, *Futures Group*; **Emily H Weaver**, *University of North Carolina at Chapel Hill*.
3. **Maternal Mortality Estimation from House-Listing Operation of National Level Sample Surveys** • **Sayeed Unisa**, *International Institute for Population Sciences (IIPS)*; **Tarun Kumar Roy**, *International Institute for Population Sciences (IIPS)*.
4. **Measuring maternal mortality through the census: Experiences from African countries and their policy implications** • **Boubacar Sow**, *United Nations Population Fund (UNFPA)*.

**Saturday 31 August / Samedi 31 août**  
**10:30 - 12:00**  
**Room 103, Convention Hall, 1st Floor**

**Session 295: International migration and family dynamics / *Migrations internationales et dynamiques familiales***

Chair / Président(e): **Valentina Mazzucato**, *Maastricht University*

1. **Caring from a distance: exchange of support between migrant children and their parents in the Philippines** • **Elma Laguna**, *Bremen International Graduate School of Social Sciences*; Helga De Valk, *NIDI/Vrije Universiteit Brussel*.
2. **Do transnational mothering and fathering practices differ? A case study of recently arrived immigrants in France** • **Tatiana Eremenko**, *Institut National d'Études Démographiques (INED) / Université Bordeaux IV*.
3. **The role of migration in explaining the timing and type of partnership formation among the Senegalese** • **Pau Baizan**, *Universitat Pompeu Fabra and ICREA*; Amparo Gonzalez-Ferrer, *Centro de Ciencias Humanas y Sociales*.
4. **Impact of Temporary Labour Migration on Women and Children in Georgia** • **Irina Badurashvili**, *Georgian Centre of Population Research*.

**Saturday 31 August / Samedi 31 août**  
**10:30 - 12:00**  
**Room 105, Convention Hall, 1st Floor**

**Session 297: Population and policy challenges in East Asia / *Défis démographiques et politiques en Asie orientale***

Chair / Président(e): **Myoung-Ock AHN**, *CHA University*

1. **Ethnic differentials in effects of the 1st marriage and marital fertilities on below-replacement fertilities in Singapore, 1980-2010: a lifetable analysis** • **Keita Suga**, *National Institute of Population and Social Security Research*.
2. **Family Policy Change and Second Birth Rates across Socio-economic Groups: The case of South Korea** • **Li Ma**, *Stockholm University, Department of Sociology, Demography Unit*.
3. **Way forward for China's Population Policy: Lessons from Four East-Asian Countries/Regions** • **Mengjun Tang**, *China Population and development Research Center*.
4. **Entering the post-demographic transition phase in Japan: Dynamic social changes toward new population regime** • **Ryuichi Kaneko**, *National Institute of Population and Social Security Research*; Ryuzaburo Sato, *National Institute of Population and Social Security Research*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 106, Convention Hall, 1st Floor**

**Session 298: Diverse realities: Understanding the educational trajectories of young people / Comprendre les trajectoires scolaires des jeunes : des réalités diverses**

Chair / Président(e): **K.G. Santhya**, *Population Council*

1. **Growing Gains, Growing Pains: What Explains Asian American Youth's Academic Advantage over Whites?** • **Yu Xie**, *University of Michigan*; **Amy Hsin**, *Queens College, CUNY*.
2. **Maternity during adolescence: cause or consequence of dropping out? Some evidence from southern cone countries / Maternité adolescente : cause ou conséquence du décrochage scolaire ? L'expérience de pays du Cône Sud à partir de données de recensement** • **María Marta M Santillan Pizarro**, *CIECS CONICET*; **Eleonora Soledad Rojas Cabrera**, *CIECS (CONICET/UNC)*; **Bruno Sebastián Ribotta**, *CIECS (CONICET/UNC)*; **Daniel Alvaro Ortega**, *CEA-UNC*.
3. **The sex of children and mothers' contribution to family educational processes in Ouagadougou / Sexe des enfants et contribution des mères aux processus scolaires familiaux à Ouagadougou** • **Madeleine V. Wayack Pambe**, *ISSP/University of Ouagadougou*.
4. **A cross-national comparison of adolescent bullying victimization in Mumbai India, Melbourne Australia and Seattle US** • **Solomon J Renati**, *Indian Council of Social Science Research (ICSSR)*; **Shreeletha Solomon**, *Institute for Child and Adolescent Health Research*; **John W Toumbourou**, *Deakin University, Australia*; **Richard F Catalano**, *University of Washington, US*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 107, Convention Hall, 1st Floor**

**Session 299: Demographic transition in Asia / La transition démographique en Asie**

Chair / Président(e): **Mohammad Jalal Abbasi-Shavazi**, *University of Tehran and Australian National University*

Discussant: **Terence H Hull**, *Australian National University*

1. **Age Structural Transition in Asia** • **Evi Nurvidya Arifin**, *Institute of Southeast Asian Studies*.
2. **Demographic Perspective on Households and Marriage in Asia** • **Premchand Dommaraju**, *Nanyang Technological University*.

3. **Education and Human Capital in the Asian Region** • **K.C. Samir**, *International Institute for Applied Systems Analysis (IIASA)*.
4. **Fertility Transition Across Asia** • **Thomas Spoorenberg**, *United Nations Population Division*; Patrick Gerland, *United Nations Population Division (Population Estimates and Projections Section)*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 108, Convention Hall, 1st Floor**

**Session 300: Biodemography / Biodémographie**

Chair / Président(e): **Graziella Caselli**, *Università di Roma - La Sapienza*

Discussant: **Gil Bellis**, *Institut National d'Études Démographiques (INED)*

1. **A meta-GWAS (genetic-wide association search) of fertility tempo and tum** • **Melinda Mills**, *University Of Groningen*; Jornt J Mandemakers, *University Of Groningen*; Harold Snieder, *Rijksuniversiteit Groningen*; Nicola Barban, *University Of Groningen*.
2. **Do short birth intervals have long-term implications for parental health? Results from analyses of Norwegian register data** • **Emily M D Grundy**, *University of Cambridge*; Oystein Kravdal, *University of Oslo*.
3. **Kin influences on fertility: a theoretical framework tested with a review of the literature** • **Rebecca Sear**, *London School of Hygiene And Tropical Medicine*; Paul Mathews, *London School of Economics And Political Science*; Cristina Moya, *London School of Hygiene and Tropical Medicine (LSHTM)*.
4. **Investigating additive genetic, maternal, and paternal (co-)variation in fertility and educational level in the Netherlands. An application of the 'animal model'**. • **Jornt J Mandemakers**, *University Of Groningen*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 109, Convention Hall, 1st Floor**

**Session 301: Living arrangement and its effect on older people in ageing societies / Les conditions de vie des personnes âgées dans les sociétés vieillissantes**

Chair / Président(e): **Zachary Zimmer**, *University of California, San Francisco*

Discussant: **Jeong-Hwa Ho**, *Ajou University*

1. **Living Arrangement, health status and mortality risk** • **Anne Herm**, *Tallinn University*; Michel Poulain, *Université Catholique de Louvain*; Jon Anson, *Ben Gurion University of the Negev*.

2. **Living arrangements of older persons in Southeast Asia: Trends, patterns and determinants** • Jeofrey Bautista Abalos, *Bureau of Labor and Employment Statistics*; **Maria Fonseca Camille Tan Baroña**, *University of the East Ramon Magsaysay Memorial Medical Center*.
3. **Living Arrangements of the Elderly in India: Who lives alone and what are the patterns of familial support?** • **Apoorva Jadhav**, *University of Pennsylvania*; Sathyanarayana M Kundur, *UNFPA*; Sanjay Kumar, *UNFPA*; Kuriath James, *Institute for Social And Economic Change*.
4. **The timing of parental divorce and filial obligations to care for parents later in life** • **Joanna Sage**, *University of Southampton*; Jane Cecelia Falkingham, *University of Southampton*; Maria Evandrou, *University of Southampton*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 110, Convention Hall, 1st Floor**

**Session 302: Social networks and demographic outcomes / Réseaux sociaux et comportements démographiques**

Chair / Président(e): **Caroline Bledsoe**, *Northwestern University*

1. **Income Inequality, Social Capital and Health Status among the Urban Elderly in Japan: A Multilevel Analysis** • **Masataka Nakagawa**, *National Institute of Population and Social Security Research*.
2. **Simulated Social Networks and Partner Search: Linking Social Interactions and Demographic Outcomes** • **Jason D Hilton**, *University of Southampton*.
3. **Social networks and everyday activity limitations among older native and foreign-origin population in Estonia** • **Lilli Abuladze**, *Estonian Interuniversity Population Research Centre, Tallinn University*; Luule Sakkeus, *Estonian Institute for Population Studies, Tallinn University*.
4. **The resilience of adult Canadian living in stressful situation in health: The role of social network** • **Jianye Liu**, *Lakehead University, Ontario Canada.*; Roderic P. Beaujot, *University Of Western Ontario*; Zenaida Ravanera, *University Of Western Ontario*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 201, Convention Hall, 2nd Floor**

**Session 303: Family dynamics and fertility: the role of men / Dynamiques familiales et fécondité : le rôle des hommes**

Chair / Président(e): **Livia Sz. Olah**, *Stockholm University*

Discussant: **Helen Eriksson**, *Stockholm University*

1. **The Strengthening Impact of Earnings on the Transition to Parenthood: Evidence from Norway 1994-2009** • Rannveig V Kaldager, *Research Department, Statistics Norway*.
2. **The role of the first birth in the transition to adulthood among male Uruguayan youngsters** • Ana Laura Fostik, *Institut National de la Recherche Scientifique (INRS)*; Mariana Fernández Soto, *Facultad de Ciencias Sociales-Universidad de la República*; Carmen Varela Petito, *Facultad de Ciencias Sociales - Universidad de La República*.
3. **Dynamic interplay of female and male attitudes and their mutual influence on fertility and contraceptive use decision-making: Evidence from Malawi and Nigeria** • Neetu A. John, *Johns Hopkins Bloomberg School of Public Health*; Stella Babalola, *Johns Hopkins University*; Nancy V. Yinger, *Population Reference Bureau*.
4. **Knowledge and use of contraceptive among married males of northeast states of India** • Konsam Dinachandra Singh, *International Institute for Population Sciences*; Manoj Alagarajan, *International Institute for Population Sciences*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 202, Convention Hall, 2nd Floor**

**Session 304: Family planning programmes and the reduction of fertility: lessons learned / Programmes de planification familiale et réduction de la fécondité : quels enseignements ?**

Chair / Président(e): **Nam-Hoon nhcho Cho**, *Hanyang University*

Discussant: **Baochang Gu**, *Renmin University of China*

1. **Adolescent Fertility in India: What Programme needs for sinking it?** • Kasturi Mondal, *International Institute for Population Sciences (IIPS)*; Chander Shekhar, *International Institute for Population Sciences (IIPS)*.
2. **Family planning programmes and the reduction in fertility in South and Southeast Asia** • Nai Peng Tey, *University of Malaya*.
3. **Policy or Development? Determinants of Low Fertility in China** • Li Zhang, *Fudan University*; Yan Wei, *Xi'an University of Finance And Economics*.
4. **Family planning strategies insufficient to alter fertility trends in Benin / Stratégies de planification familiale insuffisantes pour infléchir la fecondite au Benin** • Elise Ahovery, *In-sae*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 203, Convention Hall, 2nd Floor**

**Session 305: Intergenerational transmission of demographic behaviour / Transmission intergénérationnelle des comportements démographiques**

Chair / Président(e): **Eva Lelievre**, *Institut National d'Études Démographiques (INED)*

1. **Intergenerational Similarities in the Transition to Marriage in Mexico** • **Julieta Perez Amador**, *El Colegio De Mexico*.
2. **Intergenerational Transmission of Age at First Birth in the United States: Evidence from Multiple Surveys** • **Keuntae Kim**, *University of Wisconsin at Madison*; Jeong-Hwa Ho, *Ajou University*.
3. **Intergenerational Transmission of Age at Parenthood. A Longitudinal Study of the Impact of Intergenerational Transmission of Fertility Behavior** • **Kirk Scott**, *Lund University*; Maria Stanfors, *Centre for Economic Demography/Dept of Economic History, Lund University*.
4. **The influence of parental characteristics on a child's probability of interracial marriage in Brazil** • **Maria Carolina Tomas**, *Universidade Federal de Minas Gerais (UFMG)*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 211-212 Glass Hall, 2nd Floor**

**Session 306: Migration as a mode of adaptation to extreme climate events, natural disasters and environmental change / *La migration comme mode d'adaptation à des conditions climatiques extrêmes, des catastrophes et des changements environnementaux***

Chair / Président(e): **Haydea Izazola**, *Universidad Autonoma Metropolitana Xochimilco*

Discussant: **Charles Heinroth Teller**, *George Washington University*

1. **In Situ Adaption and Migration: Enablers and Constraints Among Rural Households of the Mountainous Region of Southern Ningxia, Northwest China** • **Yan Tan**, *the University of Adelaide*.
2. **Social Vulnerabilities in Environmentally Induced Migration: Evidence from Mali and Senegal.** • **Victoria van der Land**, *ISOE - Institute for Social-Ecological Research*; Diana Hummel, *ISOE - Institute for Social-Ecological Research*.
3. **Is migration an adaptation strategy to climate-related environmental events in the forest-savanna transition zone of Ghana?** • **Mumuni Abu**, *Regional Institute for Population Studies (RIPS)*; Samuel Nii Ardey Codjoe, *University of Ghana*.
4. **Who Is Most at Risk of Becoming a Natural Disaster Victim? Urban Flood Risks in the Ouaga HDSS (Burkina Faso)** • **Yempabou Bruno Lankoande**, *Institut Supérieur des Sciences de la Population (ISSP)*; Stéphanie Dos Santos, *Institut de Recherche pour le Développement (IRD)*; Jean-Paul Peumi, *Département de Démographie, Université de Montréal*; Aude Nikiema, *Institut National des Sciences de la Société, Ouagadougou, Burkina Faso.* ; Bassiahi Abdramane Soura, *Université de Ouagadougou*.

**Saturday 31 August / Samedi 31 août**

**10:30 - 12:00**

**Room 213, Glass Hall, 2nd Floor**

**Session 307: Revisiting the fertility transition: long term perspectives / Réexaminer la transition de la fécondité : des perspectives à long terme**

Chair / Président(e): **Hélène Vézina**, *Université Du Québec à Chicoutimi*

Discussant: **Koen Matthijs**, *Katholieke Universiteit Leuven*

1. **The Historical Fertility Transition at the Micro Level: Why some are so early and some so late** • **Tommy Bengtsson**, *Lund University*; **Martin Dribe**, *Lund University*.
2. **Was there any gendered preferences for children during the fertility transition? Results from Germany 1825–1900** • **Glenn Sandström**, *Umeå University*; **Lotta Vikström**, *Umeå University*.
3. **The fertility transition in North-East Italy. A micro-analysis using a new source** • **Marcantonio Caltabiano**, *Università di Messina*; **Gianpiero Dalla Zuanna**, *University of Padova*.

**Saturday 31 August / Samedi 31 août**

**12:15 - 13:30**

**Grand Ballroom, Convention Hall Lobby, 3rd Floor**

**Session 308: Closing Ceremony / Cérémonie de clôture**

Chair / Président(e): **Peter McDonald**, *Australian National University*

1. **2013 IUSSP-Mattei Dogan Foundation Award for Comparative Research in Demography / Prix 2013 de la Fondation Mattei Dogan pour la recherche comparative en démographie** • **Gunnar Andersson**, *Stockholm University*.
2. **Closing address from the incoming IUSSP President / Discours de clôture par la prochaine Présidente de la l'UIESP** • **Anastasia Gage**, *Tulane University*.
3. **Poster Awards / Prix des meilleurs Posters**

# Index of Participants / *Index des participants*

This index references participants in the conference (registered by 15 July) who are either session chairs, discussants, or authors of papers or posters. The number is that of the session. Sessions are bolded when the participant is expected to be in the session, whether as chair, discussant, or presenting author of a paper or a poster.

*Cet index liste les participants au Congrès (inscrits au 15 juillet) qui sont soit président(e)s de séance, discutant(e) ou auteurs de communications orales ou de poster. Le numéro est celui de la séance. Les séances en gras indiquent que le participant sera présent à la séance, en tant que président, discutant ou auteur présentant la communication ou le poster.*

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- Abortion Research / *Recherches sur l'avortement*
- Below Replacement Fertility: Causes, Consequences and Policy Responses / *Fécondité inférieure au seuil de remplacement : causes, conséquences et réponses politiques*
- Climate Change / *Changements climatiques*
- Demography of Refugee and Forced Migration / *Démographie des migrations forcées et des réfugiés*
- Demopaedia (The Online Multilingual Demographic Dictionary) / *Demopaedia (Le Dictionnaire démographique multilingue en ligne)*
- Family Demography in Developing Countries / *Démographie familiale dans les pays en développement*
- Historical Demography / *Démographie historique*
- Impact of Internal Migration and Urbanization in Developing Countries / *Conséquences des migrations internes et de l'urbanisation dans les pays en développement*
- Impacts of Population Ageing / *Conséquences du vieillissement démographique*
- International Migration / *Migrations internationales*
- New Challenges in Population and Development / *Nouveaux défis pour la population et le développement*
- Nuptiality / *Nuptialité*
- Pathways to Health / *Trajectoires de santé*
- Population Environment Research Network (PERN) / *Réseau de recherche sur la population et l'environnement (PERN)*
- Process and Dynamics of Cross-border Marriage / *Processus et dynamiques des mariages transfrontaliers*
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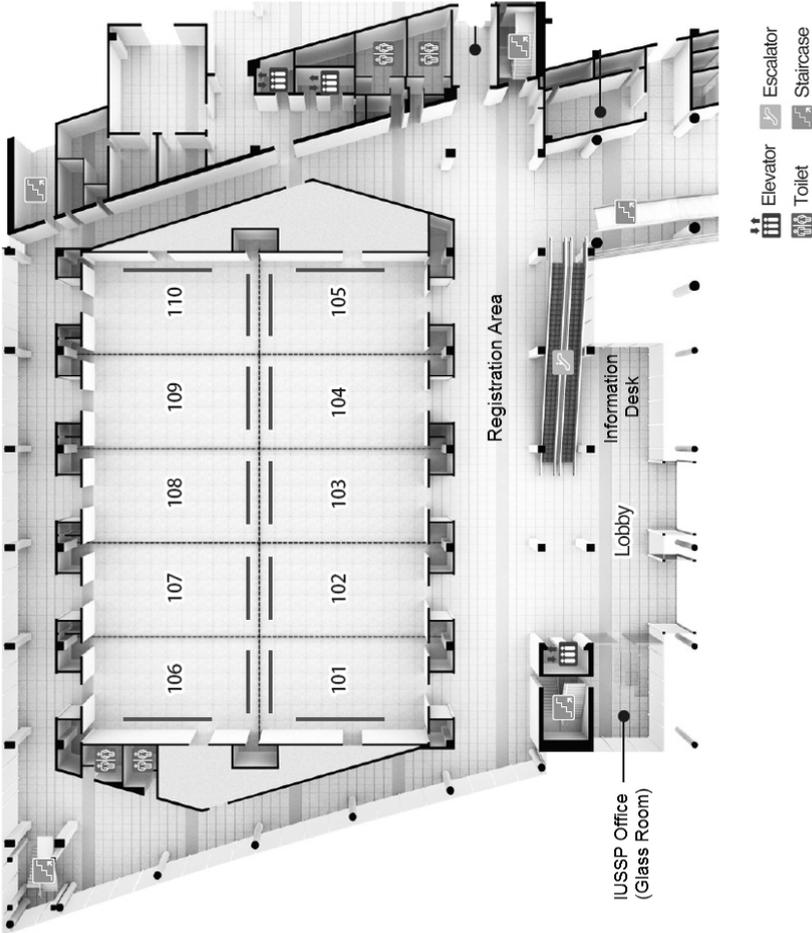
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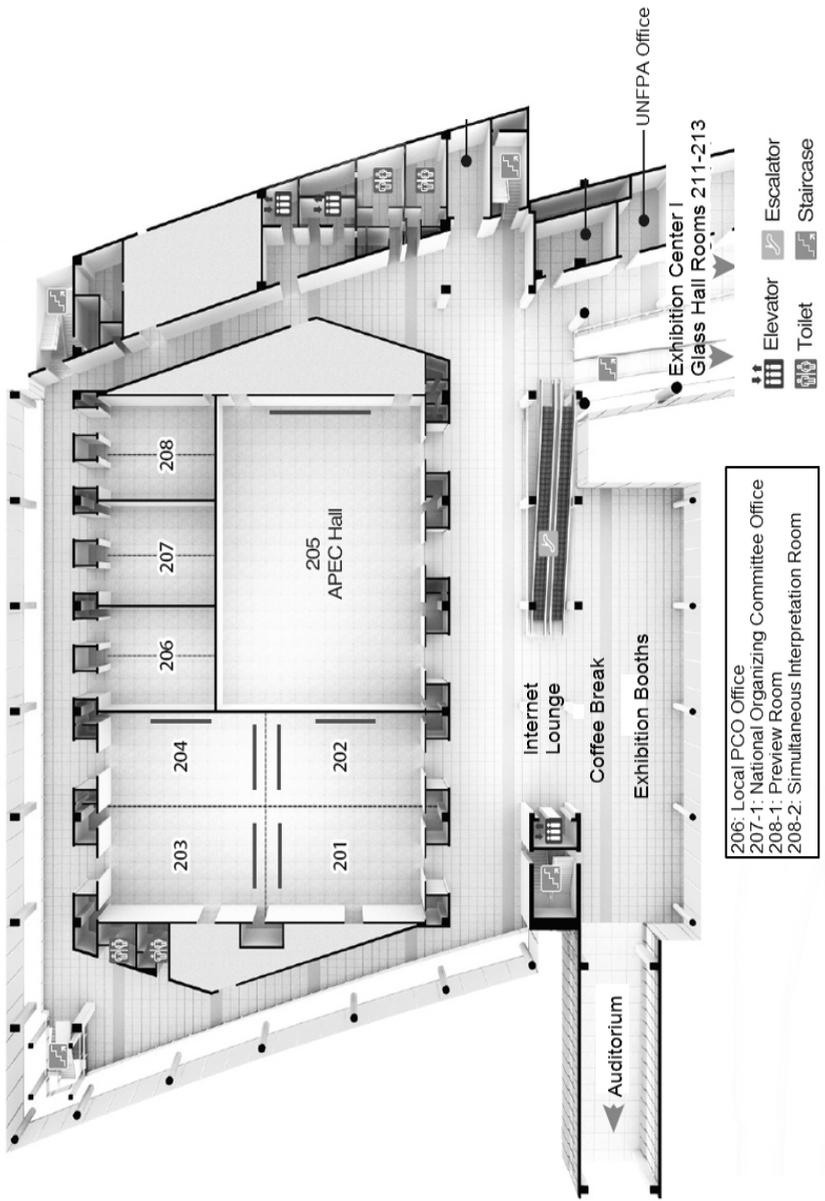
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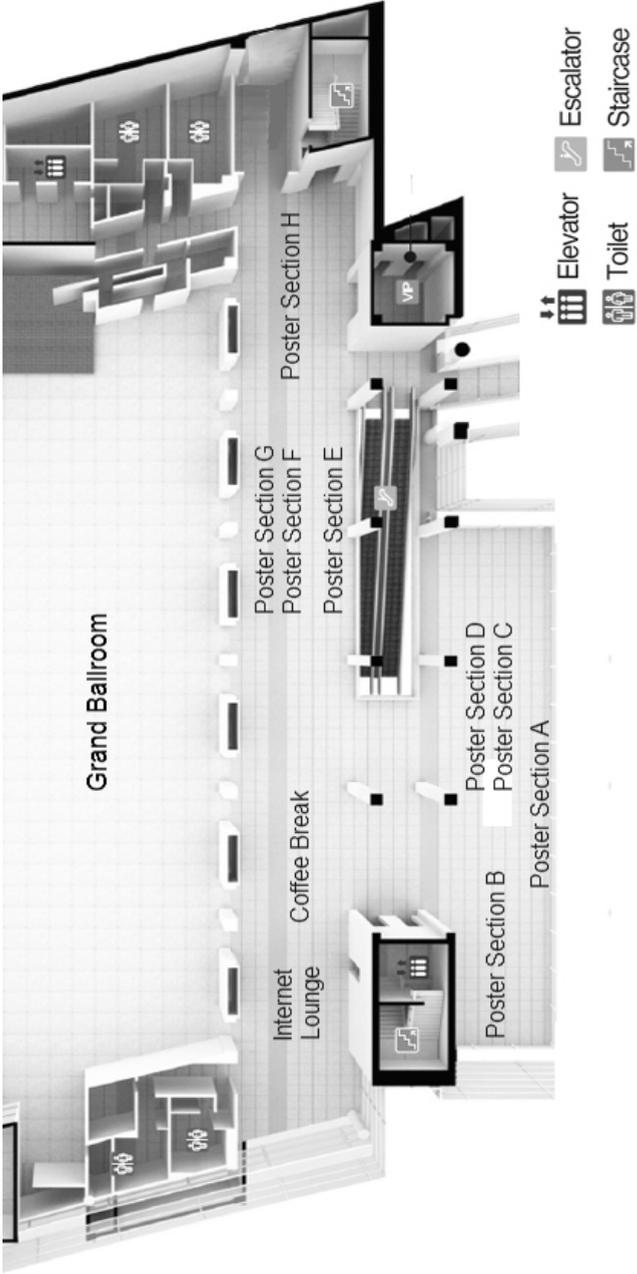
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## NOTES

**Middle Class Dreams:  
India's One-Child Families**

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These results are based on India Human Development Survey, 2004-05. This survey was jointly organized by researchers at University of Maryland and the National Council of Applied Economic Research. The data collection was funded by grants R01HDO41455 and R01HDO46166 from the National Institutes of Health to University of Maryland. Part of the sample represents a resurvey of households initially interviewed in the course of Human Development Profile of India 1993-94 conducted by NCAER.

## **Middle Class Dreams: India's One-Child Families**

### **Abstract:**

While rapid fertility decline in India in the last two decades has received considerable attention, much of the discourse has focused on a decline in high parity births.

However, this paper finds that, almost hidden from the public gaze, a small segment of the Indian population has begun the transition to extremely low fertility. Among the urban middle classes, it is no longer unusual to find families stopping at one child, even when this child is a girl. Using data from the India Human Development Survey of 2004-2005, this paper examines the factors that may lead some families to stop at a single child. Better understanding of the correlates of this small but distinct segment of society also provides a window into the role of demographic behaviour in shaping the future of social inequality in a society undergoing rapid transition.

**Keywords:** India, Fertility, Middle Class, Demographic Transition

**Introduction:**

The continuing global decline in fertility in the 21<sup>st</sup> century has led to mixed reactions. In developing countries, where fertility still remains above replacement level for the most part, there is a sigh of relief as population growth begins to moderate. In industrial societies, where below replacement fertility is rapidly becoming the norm, fears of shrinking population dominate. As we look at these ongoing parallel transitions – the first demographic transition in developing countries, and the second demographic transition in industrialized countries – it is important to think about the relationship between the two. Unless we understand the forces that propel a nation from the first to the second demographic transition, it is difficult to foresee what might lie in the future for developing countries that are still struggling to complete the first demographic transition.

Two narratives describing each of the demographic transitions have been particularly influential (McNicoll 2009): (1) A narrative of the first demographic transition, in which fertility decline is associated with a movement from social regimes governed by kinship and family ties in which large families are beneficial, to social regimes in which social capital plays less of a role than human capital and parents choose to invest greater resources in fewer children; and (2) A narrative of the second demographic transition, in which fertility falls to below replacement levels in post-modern societies when childrearing becomes an impediment to personal fulfillment.

If one subscribed to this notion of a demographic rupture in the long march of human history, it would make very low fertility a highly unlikely phenomenon in a society like India that retains a strong family oriented culture even as it catapults into

a global economy.<sup>1</sup> However, are these two transitions really so distinct? Do we need one set of theories to explain the first demographic transition and another set to explain the second? The emergence of extremely low fertility in Italy and Spain – some of the most conservative nations of Europe -- has proven to be somewhat of an embarrassment for the theories that rely on a shift to post-modern values to explain low fertility (Chesnais 1996; Kertzer et al. 2009). In this paper we examine extremely low fertility in a small fraction of Indian society to see if its behaviour is better explained by the processes that describe the first demographic transition or those that describe the second.

### **Narratives of First and Second Demographic Transitions:**

Lesthaeghe and Neels (2002, P. 331), provide one of the most stylized distinctions between the first and the second demographic transitions based on the Western European experience. In this account, the first transition is associated with a preoccupation with basic material needs such as income, work conditions, housing, health, schooling and social security. Segregated gender roles, familistic social policies, ordered life course transitions, prudent marriage and dominance of a single family model govern this transition. In contrast, the second demographic transition is viewed as the rise of "higher order" needs including individual autonomy, self-actualisation, disengagement from civic and community oriented networks, rising symmetry in gender roles, female economic autonomy, flexible life course organisation, and multiple life styles and open future. Where embourgeoisement is viewed as the key value governing the first demographic transition, removing the shackles of bourgeois values to embrace a post-modern culture that emphasizes self

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<sup>1</sup> For an interesting discussion of the way in which Indian society resolves the conflicting demands of modernity and tradition, see (Derne 2003).

fulfillment is seen as the governing imperative of the second demographic transition (Lesthaeghe and Neels 2002).

This narrative would suggest that as countries begin to develop, the institutional support structure for high fertility begins to crumble and fertility drops to stabilize around the replacement level of 2 children per family. By breaking down social norms supporting large families, this reflects a triumph of economic forces over social forces. However, there is considerable social and psychological pressure to have at least two children (Morgan 2003). Moving below this threshold requires a cultural shift in which individualism and self actualization become dominant motives in a triumph of cultural forces over economic forces.

One of the reasons the demographic discourse on India has remained focused on the first demographic transition is because the family remains at the nucleus of Indian social organization and this cultural shift does not appear on the current horizon. For example, a variety of studies (see, for example, the papers in Uberoi, 1993) continue to document highly traditional gender roles, universal and relatively early marriage and strong son preference --- hardly the milieu in which selfhood triumphs over family. However, if the path to below replacement fertility is also paved not by a cultural shift but instead by familiar economic forces, this presumption of an end point of replacement level fertility may need to be reevaluated. In this paper, we attempt such a reevaluation by looking at the emergence of a subgroup of the Indian population that seems to exhibit very low fertility. To do this, we compare families with a single child with those with two or more children.

### **Prevalence of One-Child Families:**

Before we try to theorize about the reasons for an apparent increase in the popularity of the one child family in some segments of the population of India, we

need to establish that this is a real phenomenon and that it reflects a conscious and deliberate choice. The first question concerns the recency of the emergence of one child family. If we find that a small but significant proportion of the Indian population has always had a tendency to very low fertility, then our observation is not a sign of future trends in this family type but instead evidence of greater population heterogeneity than is expected for developing countries. At the moment, we tend to expect population heterogeneity in developing countries, but at the high fertility end; we assume that there is a floor below which fertility does not fall for any group in countries still to complete the first demographic transition. That this assumption is not really justified is certainly known from historical studies of very low fertility groups – the aristocracy in several parts of historical Europe for example (Johansson 1987). However, historians continue to quibble about whether this phenomenon represented deliberately low childbearing, or constraints on natural fertility through greater delayed marriage and non-marriage among these elite groups, or even low fecundity brought about by marriage patterns like the practice of inbreeding (on this last, see, for example, a recent book by Kuper, 2009).

Our data do not allow us to go far back in time on this question, but Table 1 which includes information on proportions of one child families according to maternal age from National Family Health Survey I, conducted in 1992-93 and National Family Health Survey III, conducted in 2005-06 offers a clue. This table shows proportion of women with at least one child who have exactly one child by age.

[Table 1 about here]

By focusing on women with at least one child, we take into account primary sterility. While some decline in proportions at higher parity may occur due to increase in age at first birth, the median age at first birth in India remains quite low, only about 20 years. Hence, for women in their 30s, this compositional effect would

vanish and the fact that the proportion of women ages 30-34 with one living child has increased from 6% to 9% with similar change observed for other ages is indicative of a rising trend towards one child families.

### **Motivation for a One-Child Family:**

What makes families restrict themselves to having a single child, particularly in a country where many women continue to have four or more children?<sup>2</sup> A better understanding of the characteristics of these families and their lifestyles may shed light on the competing narratives of low fertility discussed above. Much of the literature on fertility has tended to see low fertility as a response to external and internal constraints. However, in this paper we suggest that one should also see very low fertility as a response to new opportunities.

### ***Very Low Fertility as a Response to Constraints on Childbearing***

The literature on the first demographic transition has identified a variety of constraints on childbearing that may be especially relevant to the situation of the one child family. Three sets of constraints deserve particular attention here:

- (1) Children are an impediment to women's employment, particularly employment in the formal sector (Jaffe and Azumi 1960; Lloyd 1991; Mason and Palan 1981; Mason 1986). One way of managing this conflict is to restrict childbearing to a single child so that women can achieve socially valued motherhood goals, while at the same time managing the competing demands of a career (Gerson 1986).
- (2) Childbearing and childrearing can be expensive and consequently families must constantly trade off between a better lifestyle and larger families (Becker

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<sup>2</sup> NFHS-III documents that about half the women aged 40-44 have four or more children.

1993; Easterlin 1966). In a society with rising material aspirations, limiting family size may be one way of ensuring higher consumption.

(3) Childrearing demands on individuals may also curtail individual freedom reducing their ability to achieve personal growth and enjoy leisure time (Lesthaeghe and Surkyn 1986; Van de Kaa 2001; Presser 2001). These constraints are greater for women. A related argument suggests that in societies where gender and kinship systems create a structure in which the burdens of marriage and motherhood curtail women's freedom far more than that of men, women may have a greater incentive to reduce fertility (McDonald 2000).

### ***Very Low Fertility as a Response to New Opportunities***

In contrast to the above arguments where value of children diminishes compared to the value of other things such as consumption, leisure or labour force participation, an alternative argument would emphasize the same or even higher value of children but increasing aspirations *for* children, resulting in lower fertility. This argument emphasizes fertility limitation as a strategy for upwardly mobile families (Greenhalgh 1988). This notion, first advanced by Arsene Dumont (cited in Greenhalgh, 1988), has been subsequently reinforced by Kinsley Davis's notion of multiphasic response (Davis 1963) where inducements for upward mobility as well as threats of downward mobility may lead to fertility reduction. Arguably the best-known formulation of this notion was presented by Greenhalgh (1988) in the Chinese context where she argued that the opening up of mobility opportunities increased the desire to invest in children and reduced fertility. Her arguments, distinct from the classic neo-classical economic approaches to the trade-off between child quality and quantity, focus on the role of social and economic institutions in creating opportunities which can be exploited by parents to achieve social mobility.

While building on the classic child quality-quantity trade off articulated by new-home economics (Becker 1993; Schultz 1974), this argument provides a better handle on articulating changes in the calculus of childbearing. Parental aspirations for children and social mobility have existed through the ages. What accounts for the recent emergence of the one child family? Our contention is that in modern India, *implicit* policy (to use Johannson's 1986, characterization), in the form of economic policy in recent decades has much to do with the growing recourse to very low fertility that is the subject of this paper.

Two dimensions of the recent economic transformation are relevant for very low fertility as a route to social mobility. First, the growth of a new Indian middle class has a peculiar feature that is distinct from the growth of the middle classes in Europe and United States. The Western middle classes grew with an expansion of the salariat (Butler and Savage 1995). In contrast, the new Indian middle class is constrained by limited employment opportunities even as rewards to high skill jobs have increased tremendously (Desai and Das 2004). Increasing globalization has led to sharp increases in private sector salaries; the implementation of the Fifth and Sixth Pay Commission recommendations have also led to tremendous growth in government worker salaries. At the same time, employment opportunities have not kept pace with the educational growth, increasing the competition for scarce jobs.

The second phenomenon of interest is a growing public recognition of the poor quality of education given in a wide range of educational institutions. When barely 50% of the enrolled children are able to read (Pratham 2005), it is not surprising that parents seek alternatives to government schools. Private school enrollment and reliance on private tutoring have increased sharply in recent years (Kingdon 2007). These conditions may force upwardly mobile parents to restrict childbearing in order to invest in the education of a single child.

We now turn to the evidence in support of each of these possibilities in the context of the one child family in India.

### **Data and Measurement**

In order to understand the correlates of this emerging one child family, this paper analyses data from the India Human Development Survey of 2004-2005 (IHDS). This survey was organized by researchers from the University of Maryland and the National Council of Applied Economic Research, New Delhi (Desai et al. 2010). This is a nationally representative sample of 41,554 households containing interviews with 33,583 ever-married women aged 15-49. The sample is spread over 1503 villages and 971 urban blocks in 33 states and union territories. The only union territories excluded are Andaman-Nicobar and Lakshadweep. The analytical sample consists of 33,524 women with a complete fertility history. Unlike the National Family Health Surveys, the IHDS is not primarily a fertility survey but contains extensive data on income, employment, structure of family life and investments in children, allowing us to test some arguments about differences in family lifestyles in families with different fertility patterns.

Given our substantive interest in families that have voluntarily chosen to limit themselves to one child, we need to differentiate between families whose low fertility is deliberate and those whom we have caught at a juncture in life where their low fertility is an accident or a temporary phase and who may yet go on to have large families. Hence we divide our sample, consisting of women with at least one child, into four categories:

1. Families that have a single child and *appear* to have stopped having more children (5%).
2. Families with two children who *appear* to have stopped (18%).

3. Families with one or two children who are in the process of family building and may yet have another child or those whose childbearing is curtailed due to child mortality or unduly low due to marital disruption – those whom we call censored (24%). These people may stop at one or two children or may go on to have more children.
4. Families with three or more children – those we define as large families (53%).

The IHDS data show that for families with two or more children, over 90% have less than a 5-year gap between the first and second births. Hence we use 5 years as the cut-off to distinguish between families that are probably still in the process of childbearing and those that appear to have stopped. Moreover, we also acknowledge that spousal death/separation or child death may lead to involuntary low family size. Our data show that about 8 % of both one child as well as higher fertility families have experienced a child death. All such potentially higher fertility wanting families are included in the censored category. Descriptive statistics for these families are presented in Table 2.

[Table 2 about here]

Before presenting our results, however, it is important to establish the validity of our categorization of some families as deliberate one-child families rather than accidental ones. In order to do this, we need to be sure that these one child families are not an unfortunate outcome of families ending up with fewer children than they would like; that is, they do not represent an unmet need for fertility. Hence, we try to establish the wantedness of the one child family by asking a series of questions about its bio-demographic and social correlates.

Is this a tempo effect or a secondary infertility effect? Could it be that the one-child families have delayed the birth of the first child until it is too late to have a

second birth, given the age specific curve of fecundity? Table 2 shows that women who begin childbearing at after age 30 are far more likely to end up with a single child than women who begin childbearing early, lending some credence to declining fecundity and secondary sterility argument. However, as Table 3 documents, this group forms only 6% of the one-child families in the IHDS sample. The remaining 94% began childbearing well within their peak fecundity period and had an opportunity to go on to a second child if they so chose.

[Table 3 about here]

Relatedly, is this a parity specific tempo effect? That is, is our five year cut off merely too short a birth interval in today's world? IHDS data for the distribution of second birth intervals in our sample show that over 90% of the birth intervals fall within the 5 year cut off we use.

Responses to fertility preferences and contraceptive use remain subject to measurement error, particularly since the interview setting often precludes privacy. But a brief analysis of fertility preferences of women who have stopped at one child is instructive. About 73% of mothers with a single child said they did not want more children; 22% were sterilized. However, this decision remains contingent and about 27% said they may want another child at some point.

### **Characteristics of One-Child Families**

Table 2 provides some descriptive statistics on families at different parities. These descriptive statistics show that these one-child families are overwhelmingly concentrated among the more privileged sections of Indian society: urban, upper caste, and upper class. The relationships with maternal education and with metro city residence are particularly striking and already anticipate our later explanation for this phenomenon. Thus, for example, while one-child families account for barely 5% of Indian families, they form 13% of families living in metro cities. Most

interestingly, about 40% of the families who appear to have stopped at one child have stopped in spite of this child being a daughter.

A more interesting but also more ambiguous geographic distribution arises when we look at state level differences in the proportion of one-child families in Table 4. It appears that the highest levels of the one-child family exist in the Southern and Eastern (as well as the northeast) parts of the country. Lest one thinks this is merely a consequence of lower average fertility in the South, it is interesting to compare state total fertility rates with the proportion of one-child families. A low TFR in Table 4 does not automatically lead to a higher proportion of one-child families. Punjab and Himachal Pradesh both have TFRs below 2 but only 3% families seem to stop at one child. In contrast, Assam and West Bengal with TFRs of about 2.2 have 10-12% families who appear to have stopped at one child.

[Table 4 about here]

This underlines the need to better understand the context of the one-child family in India. An assumption that the very small family norm has merely first taken hold in those parts of the country that have already gone through the first demographic transition is too simplistic. Instead, it is important to examine the factors associated with low fertility. Below we look at each of the explanations for low fertility discussed above.

### **Constraints on Childbearing:**

We have noted three major themes that have been identified as constraining fertility. These are: (1) Incompatibility between women's employment and fertility; (2) Rising consumption aspirations; and, (3) Greater desire for personal fulfillment. Below we examine the relationship between these three forces and family size in contemporary India. While looking at the contemporaneous experiences of families does not necessarily allow us to examine motivations of individuals who chose

different fertility behaviors, it at least allows us to identify correlations between family size and outcomes of interest and offers some clue as to the relevance of some of these theoretical arguments to the Indian context.

***Women's Workforce Participation and Childbearing:***

The New Home Economics literature has strongly emphasized the conflict between time demands for rearing children and women's labour force participation (Mincer 1962; Leibowitz 1974; Becker 1976), and cross-national regressions in Western societies through much of the late 20<sup>th</sup> century have tended to document a negative relationship between women's work and fertility. Moreover, as MacDonald (2004) notes, it may be precisely the greater gender equality of extra domestic life, whereby attractive jobs are now also available to women, coupled with the continuing domestic gender inequality that lumps them with primary responsibility for childcare as well that accounts for at least a part of women's reluctance to bear children in these societies. The debate about whether work leads to lower fertility or low fertility leads to increased labour force participation in industrial society has never been quite resolved (Lehrer and Nerlove 1986) but the negative correlation between women's labour force participation and fertility has been a well documented.

In developing countries, however, this relationship is far from clear. In a highly influential paper, Jaffe and Azumi (1963) highlighted the importance of considering the nature of work and suggested that employment in cottage industries or other flexible kinds of self-employment would not make a serious dent in fertility due to the compatibility between this type of work and fertility. Since then a number of studies have suggested that role incompatibility associated with work for pay rather than time demands on women is likely to be a greater impediment to fertility (Mason and Palan 1981; Lloyd 1991). Interestingly, even in the West, the recent onset of very low fertility in countries like Italy and Spain where female labour force

participation rates are low by European standards has called the strength of this relationship in question (Rindfuss, Guzzo, and Morgan 2003).

What can we infer from the Indian experience? Is low fertility in India associated with women's labour force participation, particularly participation in wage work where the incompatibility between mother and worker roles is the greatest? As some studies have noted (Gerson 1986) when faced with hard choices between work and motherhood, women may well choose to have a single child to satisfy their desire for children while limiting familial demands on their time.

The IHDS collected detailed data on women's and men's labour force participation including work in various sectors of the economy (Desai et al. 2010). Table 5 shows predicted probabilities from logistic regressions of family size on women's labour force participation, separately for all work (including work on family farm and in family business) and for wage work.<sup>3</sup> This regression controls for women's age, education, household income and place of residence. In order to address the endogeneity of income, family income in this analysis excludes women's wage income. The results, presented in Table 5 are intriguing. For all work, i.e. combining work on family farm, caring for livestock, work in family business and wage work, women with a single child are actually *less* likely to be employed than women with larger families. We don't suggest that having a single child *causes* low labour force participation, we simply point to the absence of expected negative association between women's labour force participation and fertility. Even when we

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<sup>3</sup> In this paper we consistently show predicted values from multiple regression or logistic regression for outcomes of interest. These regressions control for woman's education, place of residence, caste, household income and a dummy indicator for the state of residence. The results are predicted using STATA MARGINS command, holding all other variables at their mean value separately for urban and rural residents. Original regressions are presented in Appendix Tables 1-4.

restrict our focus to women engaged in wage work, where job conditions would place greater constraints on motherhood, we find few differences in women's labour force participation by family size

[Table 5 about here]

This suggests that it is unlikely that higher commitment to the work force is a motivating factor for women to have very low fertility. Note that had we found a relationship between one child family and women's labour force participation, we could still not have established the temporal supremacy of the work-family or family-work linkage. But the absence of this relationship suggests that role incompatibility is unlikely to be an important motivating factor in families restricting themselves to one child.

### ***Consumption Aspirations and Family Size***

While the literature linking income, consumption and child bearing emerged with the work of Becker (Becker 1976) and colleagues in what came to be known as Chicago-Columbia model (Pollak and Watkins 1993), for the current discussion it is the focus on the competition between childbearing and consumption based on relative income differences, first articulated by Easterlin (Easterlin 1966; Macunovich 1998) that is most relevant. Easterlin argued that for the same level of income, those who have higher consumption aspirations may be more likely to focus on material consumption at the expense of having a large family. Conversely those with high consumption aspirations may meet their consumption needs by curtailing fertility when faced with the prospect of low income generated by poor economic conditions.

This concept is intuitively appealing, and has sometimes been applied in the context of developing countries where rising consumerism is purported to be

associated with fertility. We know that higher income leads to more consumption and we also have some evidence that higher income is associated with family lifestyles conducive of low fertility. But in order to understand the role of consumerism in generating a children vs. consumption trade off, we must examine the relationship between fertility and consumption, holding income constant. The IHDS is unique in that it is one of the few surveys to collect both income and consumption data.

The IHDS collected detailed data on household assets and amenities including type of housing and ownership of various consumer durables. A consumption index based on these goods has been created by adding up 23 assets and amenities (for a further description, see Desai et al., 2010). Since one-child families are concentrated at the upper end of the income distribution, it is not surprising that one-child families have 9.7 assets (of a total of 23) while larger families have 7.8 assets. However, the theoretical argument hinges on comparing families at the same income level. The IHDS is unique in developing country surveys in collecting detailed income data from 56 sources of income including farming, livestock, business, wage labour, family and non-family transfers. The results are presented in Table 6. Table 6 focuses on two dependent variables: the ownership of all consumer durables and amenities (on a scale from 0 to 23) and the ownership of any large items only (car, air conditioner, credit card, refrigerator, washing machine and computer). The results shows that while smaller families have somewhat higher consumption, this effect is relatively small in magnitude.<sup>4</sup>

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<sup>4</sup> Note that less than 2% of the IHDS families indicated that their annual income is less than the money invested in farming. These are mostly families with orchards and other large farmers whose incomes are often biannual. For this analysis, their income is set to zero and

[Table 6 about here]

One would expect that holding income constant, households that have fewer children will invest more in amenities that make their lives easier. Table 6 shows that indeed, households with smaller families own somewhat larger number of assets and amenities. But the magnitude of this effect (additional 0.35 items on a scale that has a mean of 8.78) is very small. A comparison with the education effect will illustrate this point. Holding income and residence constant, households in which women have even one to four standards of education own about 0.9 additional assets more compared to those where women have no education and college education is associated with nearly 5 additional assets. So a difference of 0.4 between different family compositions is extremely small, although statistically significant. When we restrict our analysis to ownership of major assets, specifically refrigerator, washing machine, air conditioner, computer, and car, the difference between various family sizes is minuscule for rural areas and relatively small in size for urban areas. This suggests that small families, particularly one-child families are not substantially more consumption focused than larger families.

### ***Personal Aspirations and Family Size***

Competition from material consumption possibilities is of course not the only form of consumption constraint on high fertility. Indeed, when Blake (1968) sought to understand the relationship between income and family size, she focused on the non-monetary dimension of consumption (Blake 1968). In a superficially chatty but extremely insightful article, Nathan Keyfitz (1986) went in further detail about some

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a dummy variable indicating income of less than zero is included. These farmers are actually somewhat better off than other farmers as shown by the positive coefficient for this variable.

of the factors that might explain what he called the ‘family that does not reproduce itself’. Instead of focusing on the opportunity costs of children in the usual economic way and discussing things like wages foregone, he focused on the non-monetary attractiveness of other ways of spending one’s time and one’s money (Keyfitz 1986). He talked of the non-monetary but still crucial pleasures of leisure (eating out, holidays, television, all pursuits more or less incompatible with children) of course, but also of the world of work in the present day, where for the rich and educated it is not the monotony and onerousness of the assembly line that provides the wages but the social interactions and other comforts of the modern workplace that almost make the economic motive for work secondary (Keyfitz 1986).

This is not as tongue in cheek as it sounds. More recent, more empirically grounded elaborations of this broad hypothesis focus on the increased non-material opportunity costs of children as what Van de Kaa (2001) calls a ‘post-modern’ set of values have led to marriage and childbearing being but one of several ways of spending one’s time, energy and material resources. Our data set does not allow us to check in any direct way that the one child family represents the Indian counterpart of these changed values in the very low fertility (and even the childless) family in contemporary Western Europe but several lines of, frequently qualitative, enquiry suggest that this is not an implausible comparison.

However, this parallel would have to be modified for Indian conditions, at least thus far. Even if they subscribe to these post-modern aspirations, the cultural imperative to marry and procreate is still too strong to be rejected outright. As Ansley Coale noted a long time ago, some cultures are inherently geared to universal marriage and universal childbearing (Coale 1973). That statement would appear to be still true in India – the data on which this paper is based record 99% of women

married at least once by the end of their reproductive lives, and record levels of childlessness that are still very close to those obtaining in societies where the only childlessness that exists is the result of involuntary infertility.

There is thus less room for the individualization and search for personal expression that characterize the second demographic transition in Europe (see, for example, Lesthaeghe and Sukryn, 1986; Van de Kaa, 2001). The pull of culture is still too strong. This imperative may therefore be accommodated by the single child being the way to pay one's dues to a society in which procreation is still central to existence and by couple aspirations compensating for the continuing difficulty of setting individual level goals, especially for women.

It is very likely that, in a segment of the population, the desire for the kind of marriage in which the conjugal dyad is primary, with the demands of extended family being subservient to this dyad was nurtured as early as in the late nineteenth century as the new western educated elites in the colonial Presidencies sought a reform of Hinduism through increasing emphasis on a form of companionate marriage (a continuing patriarchal form that historians call the 'new patriarchy' or "colonial modernity") in which the authority of family elders was replaced by the authority of the husband, albeit a loving husband who believed in educating his wife so that she was a true partner able to share his intellectual as well as emotional space without the mediation (or meddling) of these elders.

Walsh (2005) in her analysis of advice manuals aimed at Bengali women at the turn of the Century notes the pages upon pages of popular manuals devoted to teaching the upper class literate Bengali woman to become a real partner (again an unequal partner, but nevertheless in a partnership in which she displaced the older

members of her husband's family in his primary affections and interests). It is noteworthy that the marital bond is played up even more than the maternal bond in these manuals, childcare and upbringing often taught in terms of training servants to do these things with the right amount of discipline and hygiene.

This line of argument would suggest that a greater desire for leisure as well as greater intimacy in conjugal relationship might well motivate couples to have smaller families. These aspirations are difficult to measure within a survey and we make no claims that the results presented in this paper provide an exhaustive analysis of the possible linkages between leisure, conjugal intimacy and family size.

For example, the overwhelmingly urban concentration of the one child family in India is certainly compatible with the competing goods hypothesis – it is the cities, especially in the neo-liberal economy of the nineties onwards that provide the largest and most seductive non-material alternatives to children, alternatives moreover that require one to be unfettered by children if one is to really exploit them. On the other hand, the centrality of the marital unit as a motivating force for a single child is not supported by data. Prevalence of nuclear families among households with one, two or more children is about 50% in our sample. This contradicts the expectation that intergenerational relations are less central to family functioning in the single child household than they are in higher fertility homes.

IHDS contains information on a few indicators that are of potential interest here. Four indicators are analyzed in Table 7: (1) Hours of hours of television watching per day among women in the household; (2) Whether the respondent and her husband go out to watch films or to fairs and other festivals (with or without children) as a couple without other extended family members; (3) An index

measuring frequency of discussion between the couple about work and farm issues, politics and community events, and household expenditure; and, (4) Whether the respondent is able to visit her natal family at least once a month.

[Table 7 about here]

The results are intriguing. While education, income etc. have the expected relationship with these various indicators of personal freedom and expression, for virtually none of the outcomes studied, do women with one child have a substantially greater amount of freedom or greater degree of conjugal intimacy than women with larger families. For one marker, the index measuring frequency of discussion between the couple, women with a single child in fact have a *lower* level of couple communication, suggesting that children possibly form a topic of parental conversation and increase rather than decrease conjugal intimacy. While our markers of personal freedom are indeed superficial and may be subject to considerable measurement error, it is interesting that for none of these four markers do we see a large and substantial improvement in personal freedom with smaller families.

## **Low Fertility as a Route to Social Mobility**

### ***Investments in Children***

Apart from aspirations for oneself, aspirations for children may play an important part in shaping fertility behavior. As noted by a variety of scholars (Greenhalgh 1988), a desire to invest in children and obtain family social mobility through these investments may prompt families to limit their families to a single child.

[Table 8 about here]

Table 8 shows the differences in total educational expenditure for 30,285 children ages 6-14. In these regressions, in addition to parental characteristics, we also control for child's gender, age and standard enrolled. Note that children who are not currently in school are dropped from this analysis, but with the sharp increase in school enrollment in the last decade, nearly 90% of the children aged 6-14 were enrolled in school in 2004-5 (Desai et al. 2010) and our sample remains large.

The results show a striking impact of family size on educational investments. Expenditures on children's education is higher by 40% in one-child families than in families with three or more children; two-child families fall in between. Children from one-child families are 1.56 times as likely to be in a private school as children from 3+ child families, while children from two child families are 1.4 times as likely to attend private school. Both of these relationships are significant at the 0.001 percent level. When we interact being a single child with the gender of this child, the relationship is even more intriguing (tables not reported here). Any negative impact of being a girl is limited to girls in 2+ child families; among one-child families parents do not distinguish between boys and girls.

The magnitude of the relationship between family size and investments in children pose a striking contrast with the other relationships reported earlier. While one and two child families increase their consumption marginally and families are somewhat more likely to engage in pleasure activities such as family outings, these relationships appear dwarfed in comparison to the large and statistically significant relationship between family size and investments in children.

It is not our intention to enter into the well-worn debate as to whether family size *causes* greater investments in children or vice versa (Cassen 1994; Johnson and Lee 1986). We seek to compare the life-styles of small and large families in India to see if these comparisons yield any insights into possible motivations that may affect Indian parents' family building strategies. In this context, the observation that the primary distinction between small and large families in India lies in investments in children's education is highly significant, a theme to which we return below.

### **Discussion:**

In this paper, we have theorized on two possible kinds of aspirations that exceed the reach of even the educated, urban, middle class family in India and the fertility response that follows. Somewhat simplistically, we have separated these two sets of aspirations by the immediate objects of these aspirations, although of course we do not mean to imply that these are two mutually exclusive ways of wanting; if anything, the two sets of aspirations reinforce one another. However, they may hold greater or smaller sway over different categories of very low fertility households.

In the first category are the aspirations for oneself, that is, the parental or fertility decision-making unit. These are those material and non-material desires for personal advancement and fulfillment, which are hampered by children. The second category includes aspirations for social mobility through the advancement of one's children. This requires resources and even for middle class families, larger families lead to a greater dilution of these resources.

In as much as our survey data lend themselves to examination of these competing motives, we find only a minor relationship between family size and markers of personal consumption or personal fulfillment. Instead, the central finding

seems to be that the emerging one child family in India, rather than placing a greater value on parental desires and freedoms, seems to focus even more on investing in this single child. This may well be a response to the neo-liberal economic policies of the last twenty years and the rising opportunities and aspirations that this economy has endangered in one section of the population – that which is predominantly urban or semi-urban, educated and able and willing to exploit the special offers of the new global marketplace.

Unfortunately willingness and ability is not the same thing. And so it is the brief of this paper that beyond a point, the new middle classes created by the economic reform of the last quarter century need to reformulate their strategies for successful entry into and mobility within the new economy. Otherwise, aspirations will constantly be beyond the grasp. One such strategy is the raising of highly qualified children, who are better groomed to thrive in this qualitatively new economic environment. But raising such highly qualified children is extremely expensive, and one way in which these costs can be met (there are other ways, some of them less savory, but we do not go into that here) is by having fewer and fewer (even as few as just one) but ever more qualified (and qualified not just educationally, but socially and emotionally as well) children who take over the task of fulfilling the ever more ambitious dreams of social and economic mobility in the middle classes.

As discussed in the last section, children in these still atypical but growing one-child families appear to be highly advantaged. They are heavily invested in. They (boys as well as girls) are more likely to be sent to private schools, more likely to attend English medium schools, more likely to be aided by private tuition to supplement school learning, than their peers from larger families. At the end of the

day, all these costs pay off, because children who attend private schools and obtain private tutoring also more proficient when tested for schooling outcomes – they perform somewhat better on all kinds of tests of reading, writing and ‘rithmetic’ (Desai et al. 2009). We do not have data to check if they are also more emotionally and socially proficient, but they are certainly more suited to take advantage of the new opportunities in the economy.

This observation has important implications for fertility theories that have assumed a floor of two child families for the first demographic transition. The life style of the one-child families that we document is an extension of the life style of two child families. Both are more likely to invest in children’s education than larger families but parents of a single child are even more invested in this child than families with two-children. This suggests that one need not look towards the emergence of post-modern aspirations and ideologies for below-replacement families in developing countries. Motives underlying the first demographic transition do not respect the arbitrary floor of a TFR of 2 that we demographers have set up and may well propel families into having a single child.

We are left with an important but not easily answered question. Do these one child families represent what Livi Bacci (1973) called the ‘forerunners’ of fertility decline in the rest of the population? That is, is this an idea that will catch on? Or do these families instead reflect a growing heterogeneity in the Indian population, with eventual average fertility being a balance of childbearing among these heavily motivated families and fertility in the remaining bulk of the population that lacks the capacity to dream big dreams and is also hampered by cultural and institutional constraints on such dramatic fertility decline? Such heterogeneity would be

analogous to the heterogeneity of career and fertility preferences underlying average low TFRs in western countries today (Hakim).

Reading the popular as well as intellectual discourse on the growing economic disparities in the country, one is tempted to focus on the second explanation above. That is, one is tempted to think of these one child families as a movement towards greater population heterogeneity. However, there is also the large historical and contemporary literature on the rapidity with which new behavioral norms can spread in a population even among those who have little to gain from subscribing to these norms. One of the important routes through which such new norms spread is rising literacy and education and, given the amount of attention and investment the country is finally putting into expanding, monitoring and improving the access to education, perhaps, the one child family too will not seem as farfetched a mass behavioral change that it still seems to us today.

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**Table 1: Proportion of Women with at exactly one living child by Women's Age**

<b>Age</b>	<b>NFHS-1 (1992-93)</b>	<b>NFHS-III (2005-06)</b>
20-24	0.36	0.41
25-29	0.13	0.17
30-34	0.06	0.09
35-39	0.04	0.06
40-44	0.03	0.05
45-49	0.03	0.04
Median Age at First Birth for women aged 15-49	19.6	20

Source: Calculated from published reports of National Family Health Surveys I and III

**Table 2: Distribution of Different Socio Economic Groups by Family Size**

	<b>One Child</b>	<b>Two Children</b>	<b>Censored</b>	<b>3 or more Children</b>
<b>Woman's Age</b>				
20-24	3	2	82	13
25-29	6	13	42	39
30-34	7	24	15	54
35-39	5	23	7	65
40-45	5	20	6	70
45-49	5	18	5	72
<b>Years since Marriage</b>				
Less than 5	1	0	98	1
6-8	8	3	76	14
9+	5	21	12	62
<b>Age at First Birth</b>				
15-19	4	16	18	62
20-24	6	19	29	47
25-29	11	22	34	33
30-34	20	15	37	27
35-39	15	10	63	12
40-45	45	0	55	0
<b>Woman's Education</b>				
None	3	12	18	66
1-4 Class	5	19	21	55
5-9 Class	6	20	28	46
10-11 Class	7	28	33	31
12 & come College	12	27	44	17
College Graduate	16	29	43	12
Missing Data	4	6	22	68
<b>Place of Residence</b>				
Metro Area	13	25	25	37
Other Urban	6	21	27	45
Developed Villages	5	19	24	53
Less Dev. Villages	4	13	23	60
<b>Household Income Quintiles</b>				
Less than 1000 Rs.	4	16	20	59
Poorest	5	14	25	57
2nd Quintile	4	15	24	57
3rd Quintile	4	16	24	56
4th Quintile	6	19	24	52
Richest	8	24	25	42
<b>Total</b>	<b>5</b>	<b>18</b>	<b>24</b>	<b>53</b>

**Table 3: Distribution of Family Size Across Socio-Economic Groups**

	One Child	Two Children	Censored	3 or more Children	All
<b>Woman's Age</b>					
20-24	7	1	41	3	12
25-29	21	14	33	14	19
30-34	27	28	13	21	20
35-39	22	27	7	26	21
40-45	18	23	5	28	21
45-49	6	6	1	9	6
Total	100	100	100	100	100
<b>Years since Marriage</b>					
Less than 5	1	0	24	0	6
6-8	14	1	31	2	10
9+	85	99	42	97	84
Total	100	100	100	100	100
<b>Age at First Birth</b>					
15-19	35	46	39	59	50
20-24	41	42	47	35	39
25-29	18	11	12	5	9
30-34	5	1	2	1	1
35-39	1	0	1	0	0
40-45	0	0	0	0	0
Total	100	100	100	100	100
<b>Woman's Education</b>					
None	31	33	35	59	47
1-4 Class	7	9	7	8	8
5-9 Class	28	31	31	24	27
10-11 Class	12	14	12	5	9
12 & come College	9	6	7	1	4
College Graduate	12	7	7	1	4
Missing Data	1	1	1	2	1
Total	100	100	100	100	100
<b>Place of Residence</b>					
Metro Area	18	11	8	5	8
Other Urban	25	26	24	19	22
Developed Villages	29	36	33	34	34
Less Dev. Villages	28	27	35	42	37
Total	100	100	100	100	100
<b>Household Income Quintiles</b>					
Less than 1000 Rs.	2	2	2	2	2
Poorest	15	14	18	19	17
2nd Quintile	14	17	20	21	20
3rd Quintile	16	18	20	21	20
4th Quintile	22	21	20	20	20
Richest	32	27	21	16	20
Total	100	100	100	100	100

**Table 4: Distribution of Different Socio Economic Groups by Family Size**

	Distribution of IHDS Sample(+)				TFR
	One Child	Two Children	Censored	3 or more Children	NFHS-III
Jammu & Kashmir	1	11	17	72	2.38
Himachal Pradesh	3	23	25	48	1.94
Uttarakhand	1	10	22	67	2.55
Punjab	3	21	24	51	1.99
Haryana	3	18	23	56	2.69
Delhi	8	26	17	49	2.13
Uttar Pradesh	3	7	24	67	3.82
Bihar	1	5	21	73	4.00
Jharkhand	3	10	25	61	3.31
Rajasthan	4	10	23	64	3.21
Chhattisgarh	5	10	27	57	2.62
Madhya Pradesh	3	12	22	63	3.12
Northeast	8	18	26	48	*
Assam	10	24	17	48	2.42
West Bengal	12	22	22	44	2.27
Orissa	4	16	26	54	2.37
Gujarat	6	23	25	47	2.42
Maharashtra, Goa**	4	19	26	51	2.11
Andhra Pradesh	7	24	27	42	1.79
Karnataka	7	23	26	45	2.07
Kerala	8	41	27	24	1.93
Tamil Nadu	7	28	27	38	1.80
<b>All India</b>	<b>5</b>	<b>18</b>	<b>24</b>	<b>53</b>	<b>2.68</b>

Note: \* NFHS-III TFR for different states in North East is in the range of 2-3 (+) Limited to women ages 15-49 with at least one child.

\*\* NFHS-III TFR for Goa is 1.8.

**Table 5: Predicted Probability of Women's Employment By Family Size**

	Rural	Urban
<b>Predicted Probability of Any Work for Mothers</b>		
3 or More Children	0.739	0.235
One Child	0.655 **	0.171 **
Two Children	0.709	0.209
Censored with 1 or 2 children	0.661 **	0.174 **
<b>Predicted Probability of Wage Work for Mothers</b>		
3 or More Children	0.227	0.095
One Child	0.227	0.095
Two Children	0.220	0.092
Censored with 1 or 2 children	0.222	0.092

Note: \*\* P <= 0.05 Compared to families with 3 or more children.

Predicted Values from Logistic Regressions Controlling for Mother's Age, Education, Caste/Religion, Household Income excluding mother's wages, and Place and State of Residence Due to sample size constraints regressions combine urban and rural samples, but predicted values are calculated holding background variables at their urban and rural means separately. Full regression in Appendix Table 1.

**Table 6: Predicted Consumption Behavior for Families at the Same Income Level**

	<b>Rural</b>	<b>Urban</b>
<b>Predicted Asset Ownership</b>		
3 or More Children	6.718	11.223
One Child	7.039 **	11.544 **
Two Children	7.148 **	11.653 **
Censored with 1 or 2 children	6.777	11.282
<b>Predicted Probability of Owning at least one large item</b>		
3 or More Children	0.013	0.228
One Child	0.018	0.285 **
Two Children	0.018	0.283 **
Censored with 1 or 2 children	0.015	0.252

Note: Predicted Values from Logistic Regressions Controlling for Mother's Age, Education, Caste/Religion, Household Income and Place and State of Residence. Full regression in Appendix Table 2.

**Table 7: Predicted Leisure and Gender Related Outcomes by Family Size**

	<b>Rural</b>	<b>Urban</b>
<b>Predicted Hours of TV Watching for Women (+)</b>		
3 or More Children	1.020	2.243
One Child	1.083	2.306
Two Children	1.036	2.258
Censored with 1 or 2 children	1.020	2.242
<b>Frequent Visits to the Natal Family</b>		
3 or More Children	0.160	0.175
One Child	0.165	0.182
Two Children	0.157	0.172
Censored with 1 or 2 children	0.199 **	0.217 **
<b>Index of Couple Communication</b>		
3 or More Children	3.530	3.699
One Child	3.363 **	3.531 **
Two Children	3.515	3.684
Censored with 1 or 2 children	3.190 **	3.359 **
<b>Probability of Going on a Family Outing</b>		
3 or More Children	0.424	0.679
One Child	0.458 **	0.708
Two Children	0.475 **	0.722 **
Censored with 1 or 2 children	0.421	0.676

Note: Predicted Values from Logistic Regressions Controlling for Mother's Age, Education, Caste/Religion, Household Income and Place and State of Residence. Full regression in Appendix Table 3.

**Table 8: Predicted Investments in Children by Family Size**

	<b>Rural</b>	<b>Urban</b>
<b>Predicted Annual Expenditure on Children's Education (in Rupees)</b>		
3 or More Children	377	1059
One Child	528 **	1484 **
Two Children	480 **	1349 **
Censored with 1 or 2 children	465 **	1306 **
<b>Predicted Probability of Children Attending Private School</b>		
3 or More Children	0.127	0.468
One Child	0.186 **	0.580 **
Two Children	0.172 **	0.556 **
Censored with 1 or 2 children	0.191 **	0.588 **

Note: Predicted Values from Logistic Regressions Controlling for child's age, sex, standard, Mother's education, Caste/Religion, Household Income and Place and State of Residence. Full regression in Appendix Table 4.

**Appendix Table 1: Effect of Family size on Women's Employment,  
Results from Logistic Regression**

	Any Work		Work for Pay	
	Including Family Farm			
	Odds Ratio	SE	Odds Ratio	SE
<b>Family size (3 or more children omitted)</b>				
One Child	0.67 **	0.06	1.00	0.09
Two Children	0.86 *	0.05	0.96	0.06
Censored with 1 or 2 Children	0.69 **	0.04	0.97	0.07
<b>Age of the Mother (Under 25 omitted)</b>				
26-29	1.45 **	0.11	1.51 **	0.13
30-34	2.22 **	0.18	2.05 **	0.18
35-39	2.53 **	0.21	2.36 **	0.22
40-44	2.32 **	0.20	2.00 **	0.19
45-49	2.14 **	0.24	2.04 **	0.25
<b>Maternal Education (None Omitted)</b>				
1-4 Std.	0.74 **	0.06	0.63 **	0.05
5-9 Std.	0.58 **	0.03	0.43 **	0.03
10-11 Std.	0.51 **	0.04	0.35 **	0.03
12 th or some college	0.67 **	0.08	0.81	0.12
College Graduate	0.92	0.09	1.72 **	0.20
Missing	1.36	0.21	0.78	0.16
<b>Caste/Religion (Forward Caste Hindu Omitted)</b>				
Other Backward Classes (Middle castes)	1.39 **	0.08	1.51 **	0.10
Scheduled Caste	1.24 **	0.08	2.92 **	0.21
Scheduled Tribe	2.31 **	0.22	3.52 **	0.32
Muslim	0.77 **	0.06	0.97	0.09
Christian, Jain, Sikh and others	1.39 **	0.16	1.34	0.22
<b>Place of Residence (Metro City Omitted)</b>				
Small-Med. Cities	1.66 **	0.13	1.31 **	0.13
Developed Villages	7.05 **	0.60	1.92 **	0.19
Less Developed Villages	10.02 **	0.84	2.12 **	0.22
<b>Other Family Income (Excluding women's own earnings)</b>				
Log of family Income	0.68 **	0.02	0.53 **	0.02
Negative Family Income	0.06 **	0.02	0.00 **	0.00
Constant	19.68 **	7.16	12.68 **	5.68
Log Likelihood Ratio (df 45)	4715			
N	30487			

Note: \*\* p <= 0.01 \* p <= 0.05 Regressions include dummy variables for state of residence.  
Sample=Ever married women age 15-49 with at least one child.

Appendix Table 2: Effect of Family Size on Household Consumption

	No. of Assets Owned		Ownership of any Major Asset (car, refrigerator, AC, computer or credit card)	
	OLS Coeff.	SE	Odds Ratio	SE
<b>Family size (3 or more children omitted)</b>				
One Child	0.32 **	0.09	0.30 **	0.11
Two Children	0.43 **	0.06	0.29 **	0.07
Censored with 1 or 2 Children	0.06	0.06	0.13	0.08
<b>Age of the Mother (Under 25 omitted)</b>				
26-29	0.07	0.07	0.24 *	0.11
30-34	0.22 **	0.08	0.50 **	0.11
35-39	0.49 **	0.08	0.67 **	0.12
40-44	0.70 **	0.08	0.82 **	0.12
45-49	1.07 **	0.11	0.99 **	0.15
<b>Maternal Education (None Omitted)</b>				
1-4 Std.	0.83 **	0.08	0.80 **	0.11
5-9 Std.	1.76 **	0.06	0.99 **	0.07
10-11 Std.	3.14 **	0.08	1.70 **	0.09
12 th or some college	3.88 **	0.11	2.14 **	0.10
College Graduate	4.87 **	0.11	2.56 **	0.11
Missing	-0.21	0.16	0.23	0.25
<b>Caste/Religion (Forward Caste Hindu Omitted)</b>				
Other Backward Classes (Middle castes)	-0.54 **	0.06	-0.35 **	0.06
Scheduled Caste	-1.21 **	0.06	-0.59 **	0.08
Scheduled Tribe	-1.62 **	0.09	-0.74 **	0.15
Muslim	-0.51 **	0.07	-0.09	0.08
Christian, Jain, Sikh and others	0.13	0.14	0.11	0.12
<b>Place of Residence (Metro City Omitted)</b>				
Small-Med. Cities	-0.19 *	0.08	-0.52 **	0.09
Developed Villages	-1.80 **	0.09	-1.50 **	0.10
Less Developed Villages	-2.29 **	0.09	-1.96 **	0.12
<b>Family Income</b>				
Log of family Income	1.42 **	0.03	1.24 **	0.04
Negative Family Income	14.35 **	0.37	13.63 **	0.51
Constant	-6.45	0.42	-15.14	0.53
R Square	0.6301			
Log Likelihood (df 45)				4324
N	30487			30487

Note: \*\* p <= 0.01 \* p <= 0.05 Regressions include dummy variables for state of residence. Sample=Ever married women age 15-49 with at least one child.

Appendix Table 3: Effect of Family Size on Women's Autonomy and Leisure

	Hours of Watching TV		Visit Natal Family Monthly		Couple Communication Index			Go on Family Outings	
	OLS Coeff.	SE	Odds Ratio	SE	OLS Coeff.		SE	Odds Ratio	SE
<b>Family size (3 or more children omitted)</b>									
One Child	0.06	0.05	1.04	0.10	-0.17	**	0.05	1.15	0.10
Two Children	0.02	0.04	0.98	0.06	-0.02		0.04	1.23	**
Censored with 1 or 2 Children	0.00	0.03	1.30	**	0.08		0.05	0.99	0.06
<b>Age of the Mother (Under 25 omitted)</b>									
26-29	0.04	0.04	1.05	0.08	-0.02		0.05	0.92	0.06
30-34	0.03	0.04	0.87	0.07	-0.02		0.05	0.89	0.06
35-39	0.07	0.04	0.84	0.08	-0.06		0.06	0.72	**
40-44	0.10	*	0.91	0.08	-0.01		0.06	0.64	**
45-49	0.15	*	0.79	0.10	0.08		0.07	0.57	**
<b>Maternal Education (None Omitted)</b>									
1-4 Std.	0.19	**	1.13	0.09	0.14	**	0.05	1.32	**
5-9 Std.	0.46	**	1.04	0.06	0.29	**	0.04	1.59	**
10-11 Std.	0.60	**	0.99	0.07	0.55	**	0.04	2.45	**
12 th or some college	0.61	**	1.26	*	0.14		0.07	3.64	**
College Graduate	0.56	**	1.31	**	0.13		0.06	6.41	**
Missing	-0.14	*	0.83	0.13	-0.04		0.13	0.73	*
<b>Caste/Religion (Forward Caste Hindu Omitted)</b>									
Other Backward Classes (Middle castes)	-0.05		1.05	0.06	-0.04		0.04	0.87	*
Scheduled Caste	-0.21	**	1.13	0.08	-0.19	**	0.04	0.92	0.05
Scheduled Tribe	-0.33	**	1.39	**	0.14		0.07	0.90	0.07
Muslim	-0.21	**	2.12	**	0.15		0.05	0.57	**
Christian, Jain, Sikh and others	-0.09		1.44	**	0.16		0.07	1.02	0.10
<b>Place of Residence (Metro City Omitted)</b>									
Small-Med. Cities	0.12	**	1.86	**	0.15		0.05	0.60	**
Developed Villages	-0.48	**	1.61	**	0.15		0.05	0.39	**
Less Developed Villages	-0.70	**	1.46	**	0.13		0.05	0.43	**
<b>Family Income</b>									
Log of family Income	0.31	**	0.91	**	0.02		0.02	1.22	**
Negative Family Income	3.15	**	0.58	0.19	0.92	**	0.21	6.53	**
Constant	-1.96	**	1.19	0.42	1.95	**	0.23	0.36	**
R Square	0.3368				0.1977				
Log Likelihood (df 45)			1676.9					2913.67	
N	29832		29449		29741			30330	

Note: \*\* p <= 0.01 \* p <= 0.05 Regressions include dummy variables for state of residence.

Sample=Ever married women age 15-49 with at least one child.

**Appendix Table 4: Effect of Family Size on Expenditure on Children's Education**

	Log of Total Educational Expenditure			Enrollment in Private School		
	OLS Coeff.		SE	Odds Ratio		SE
<b>Family size (3 or more children omitted)</b>						
One Child	0.34	**	0.07	1.57	**	0.17
Two Children	0.24	**	0.03	1.43	**	0.08
Censored with 1 or 2 Children	0.21	**	0.06	1.62	**	0.14
Female Child	-0.14	**	0.02	0.78	**	0.03
Age of child in years	0.03	**	0.01	1.07	**	0.02
Standard attended by child	0.12	**	0.01	0.89	**	0.01
<b>Maternal Education (None Omitted)</b>						
1-4 Std.	0.11	*	0.04	1.28	**	0.11
5-9 Std.	0.37	**	0.03	2.12	**	0.11
10-11 Std.	0.71	**	0.04	4.01	**	0.31
12 th or some college	0.89	**	0.05	3.64	**	0.40
College Graduate	1.20	**	0.06	5.35	**	0.63
Missing	-0.06		0.06	1.18		0.16
<b>Caste/Religion (Forward Caste Hindu Omitted)</b>						
Other Backward Classes (Middle castes)	-0.08	**	0.03	0.88	*	0.05
Scheduled Caste	-0.26	**	0.03	0.59	**	0.04
Scheduled Tribe	-0.43	**	0.05	0.80	*	0.09
Muslim	-0.28	**	0.03	1.00		0.07
Christian, Jain, Sikh and others	0.08		0.05	1.58	**	0.20
<b>Place of Residence (Metro City Omitted)</b>						
Small-Med. Cities	-0.51	**	0.05	0.77	**	0.06
Developed Villages	-0.96	**	0.05	0.29	**	0.03
Less Developed Villages	-1.25	**	0.05	0.17	**	0.02
<b>Family Income</b>						
Log of family Income	0.19	**	0.01	1.48	**	0.04
Negative Family Income	2.10	**	0.16	75.41	**	25.84
Constant	5.31	**	0.19	0.05	**	0.02
R-Square	0.3458					
Chi Statistic (DF 43)				3724.33		
N	30285			30286		

Note: \*\* p <= 0.01 \* p <= 0.05 Regressions include dummy variables for state of residence.  
Sample=Children Ages 6-14 of ever-married women ages 15-49.

# CASH OR QUALITY? IMPACT OF CONDITIONAL CASH TRANSFER ON MATERNAL CARE IN INDIA

|

# Conditional Cash Transfers (CCT): A silver bullet?

- In development thinking, CCT's have been seen as silver bullet
- Provide incentives to individuals to engage in “good” behavior
- Began with a variety of programs such as Progressa in Latin America, increasingly spreading to other parts of the world
- Time to examine their effectiveness

# Janani Suraksha Yojana (JSY)

- JSY meaning *Maternal Protection Scheme* initiated in late 2005
- Provides cash benefits to eligible women for delivery in a hospital
- Also provides payment to Accredited Social Health Activist (ASHA) for motivating hospital delivery and ensuring prenatal and postnatal care
- One of the largest conditional cash transfer (CCT) programs in the world

# Goal of the paper

1. Examine effectiveness of JSY in increasing hospital delivery
2. Examine maternal health consequences

# The few assessment of JSY that exist show that

- While hospital delivery increased, in the early years it increased in states which already had high levels of hospital delivery (Lim et al, 2010, Lancet)
- In later years low performing states seem to be catching up but not for lowest caste group and tribals (Dongre, 2012)
- Increase in hospital delivery is not matched by drop in maternal mortality, if anything the relationship is negative (Randive et al. 2013)

# Methodological challenges to impact assessment

- Wide variation in India based on:
  - ▣ Geography and accessibility of villages
  - ▣ Cultural practices
  - ▣ Service availability and location
- Inability to control for these spatial characteristics limits the ability to assess the impact of the program, although studies like Lim 2010 try to manage by matching villages on comparable observed characteristics. But this is an imperfect solution at best.

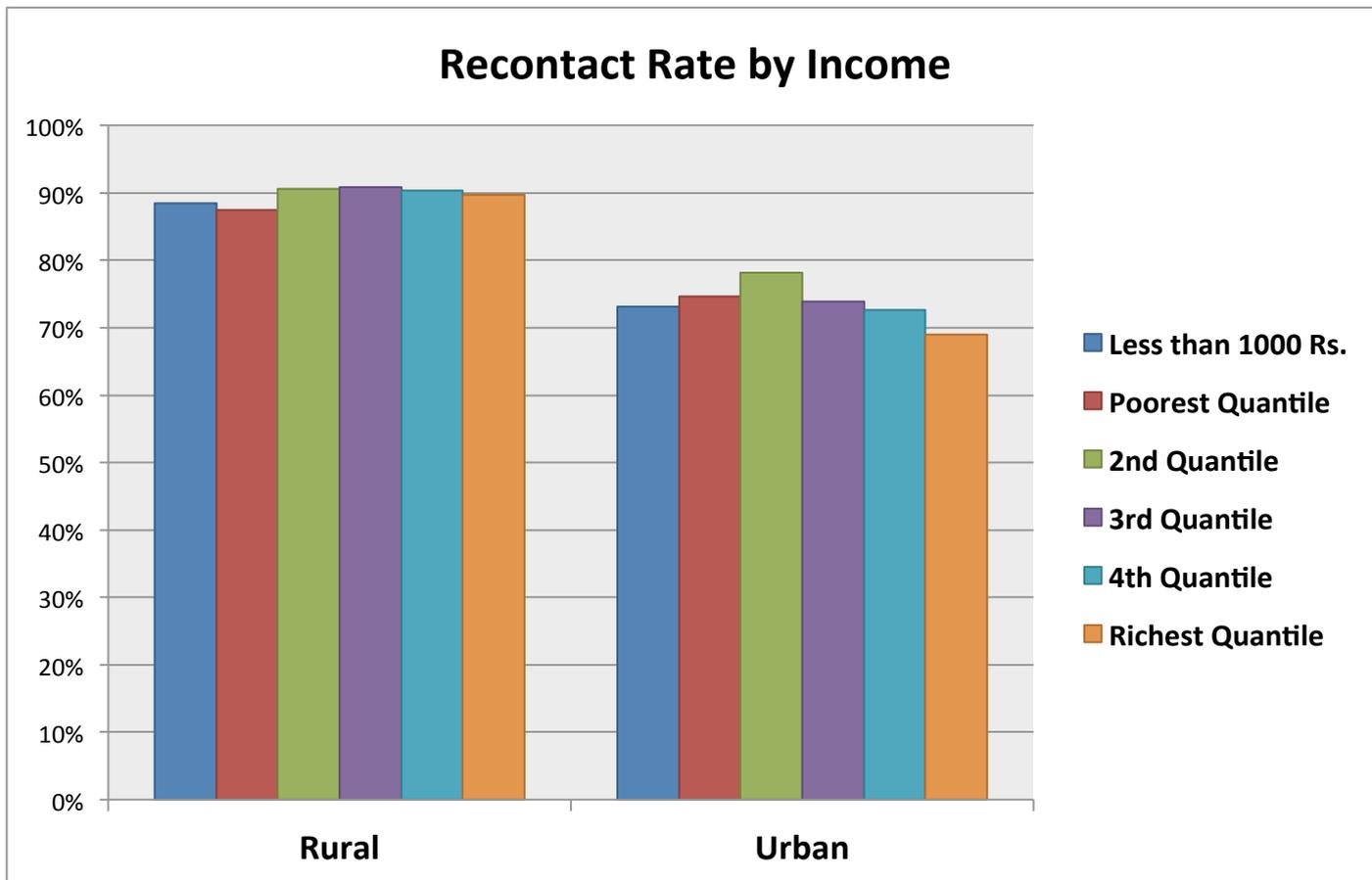
# Dealing with unobserved heterogeneity

- Panel design, compare births in the same location before and after initiation of the program
- India Human Development Survey conducted in 2004-5 and 2011-12 following up the same households (plus an urban refresher sample)
- Comparison of births over time controlling for village/neighborhood level random effects

# India Human Development Survey 2004-5 and 2011-12

- Nationally representative , covering 33 states and union territories – 1503 villages and 971 urban blocks
- Survey of 41,554 households in 2004-5 and 42,152 households in 2011-12
- Recontacted 83% of the original households and any splits residing the same village/town
- Added 2,109 new households to refresh the sample, mostly in urban area

# No income difference in recontact rate



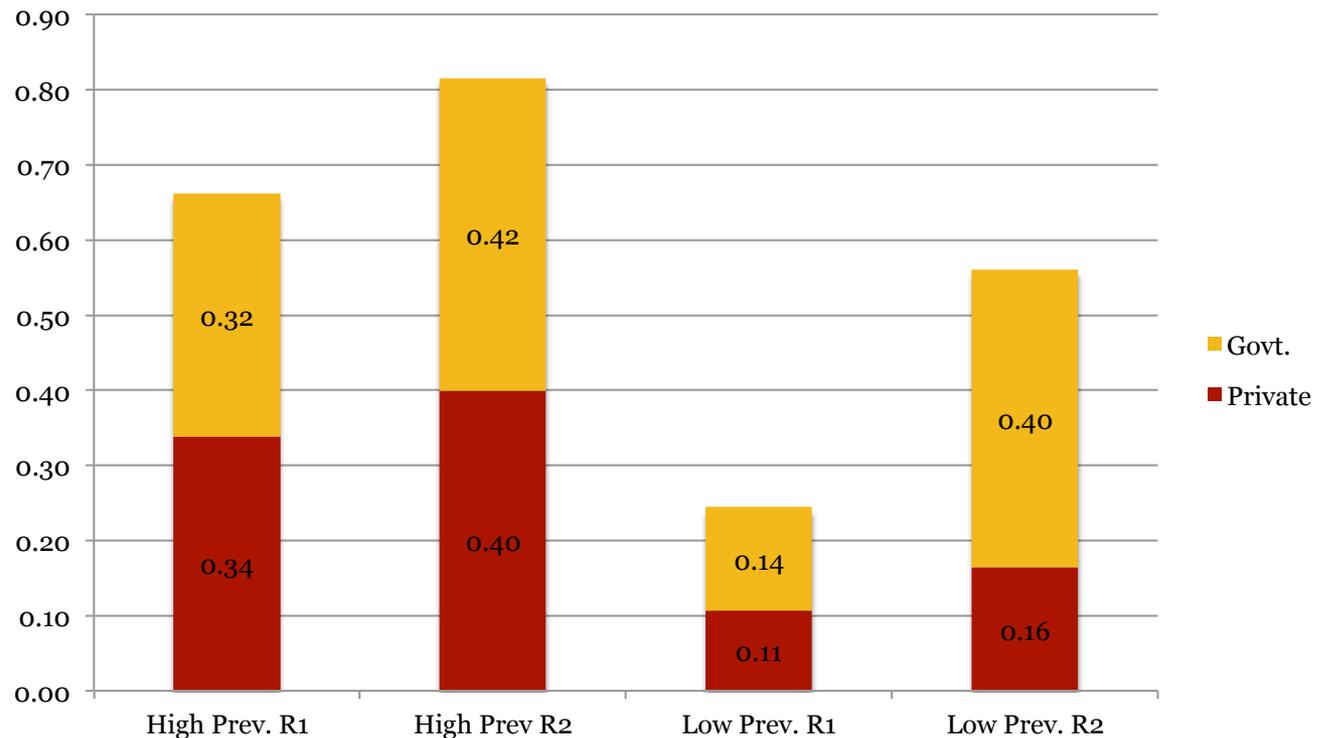
# This analysis...

- Compares maternal care in the same village/urban block for deliveries in 2000-2005 with those in 2005-2012
- Village/block level random effects logistic regression model for the likelihood of obtaining delivery care, having caesarian section and high fever post partum, controlling for background factors including:
  - ▣ Age, education, caste/tribe/religion, parity
  - ▣ Consumer goods ownership, log of per capita household expenditure
  - ▣ Sample size - 11,931 births in 2000-5 and 13,637 births in 2005-12

# Shape of the change

Cash incentives difficult to access with private hospitals and no cash incentive for motivators outside of govt. hospitals

## Changes in Deliveries in Govt. and Private Facilities



# Village/block level random effects

$$\ln(P_{in}/1-P_{in}) = \beta_{on} + \beta_{1n}X_{wi} + \beta_{pn}X_{pi}$$

$$\beta_{on} = \partial_{oo} + \mu_{on}$$

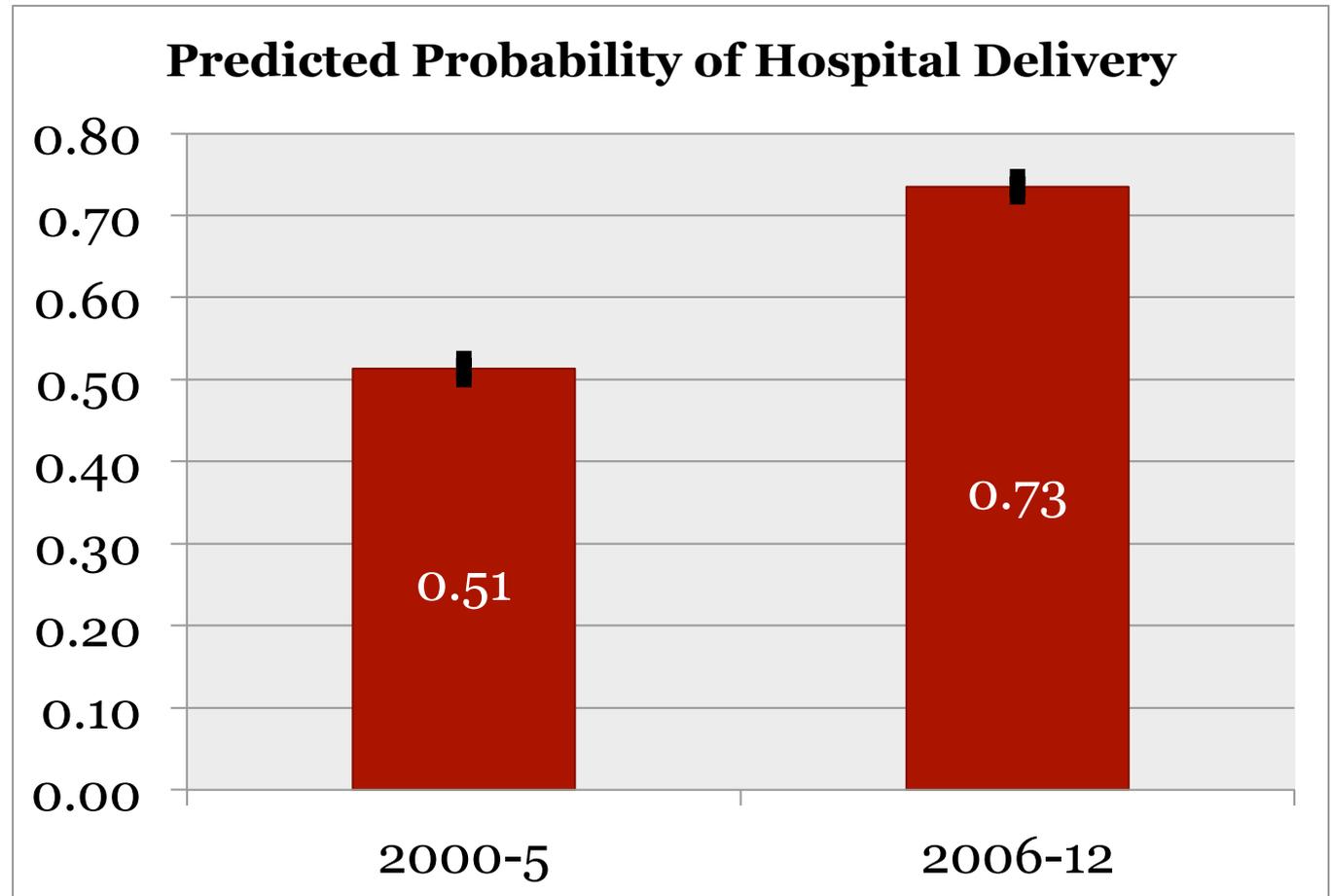
- Where  $X_{wi}$  represents  $i^{\text{th}}$  women's characteristics including age, education, wealth, consumption expenditure, caste/religion
- $X_{pi}$  represents period of birth
- $\beta_{on}$  is village/block level random intercept for  $n^{\text{th}}$  village/block
- Three outcomes of interest are hospital delivery, caesarian delivery and high post-partum fever

# Results – Hospital deliveries increased substantially

Predicted value from random effects logits.

Difference model comparing two time points

Error bars show 95% confidence interval



# JSY Benefit levels vary across states

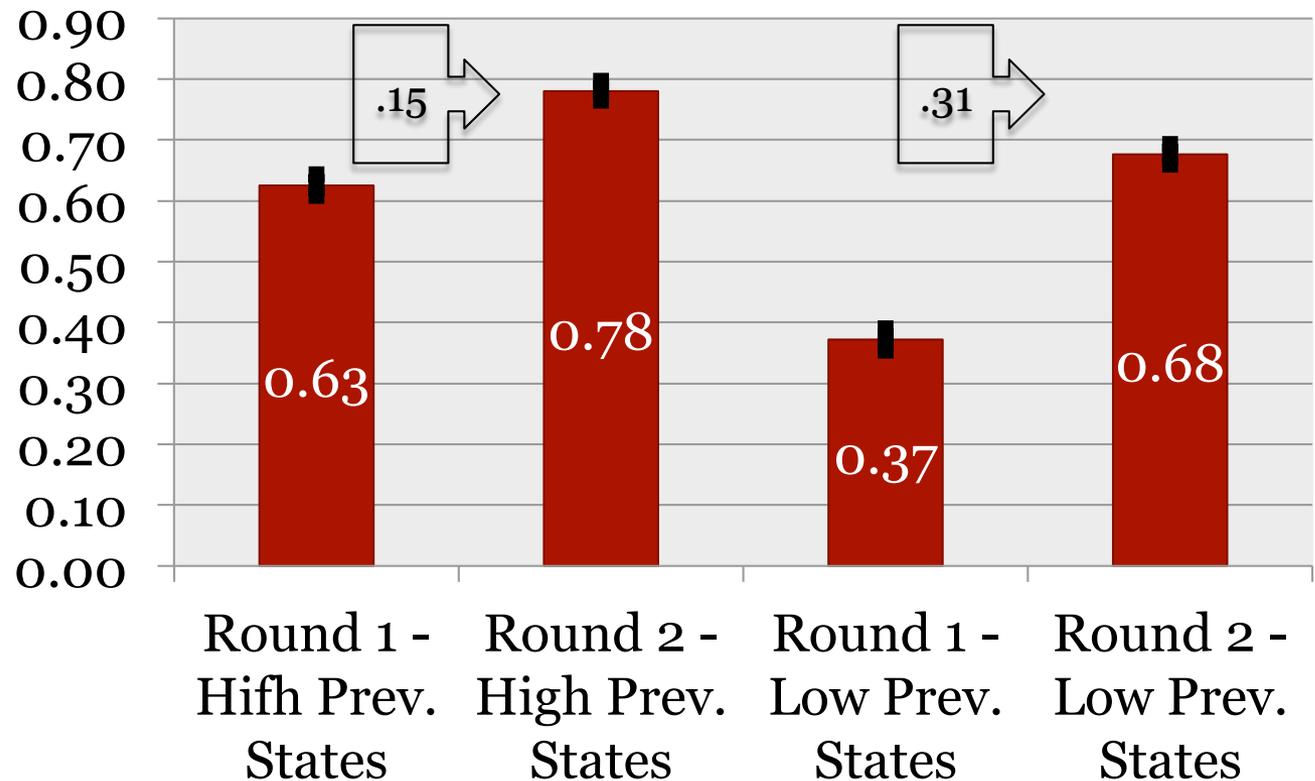
- In 10 states with low prevalence of hospital delivery in 2004-5, rural women received Rs. 1400 and urban women received Rs. 1000
- In the rest of the states, eligible women received Rs. 700 in rural areas and Rs. 600 in urban areas

# Increase greater for low prevalence states

States which began at a lower level but have higher cash incentives experience greater growth.

Diff-in-diff model.

### Predicted Probability of Hospital Delivery

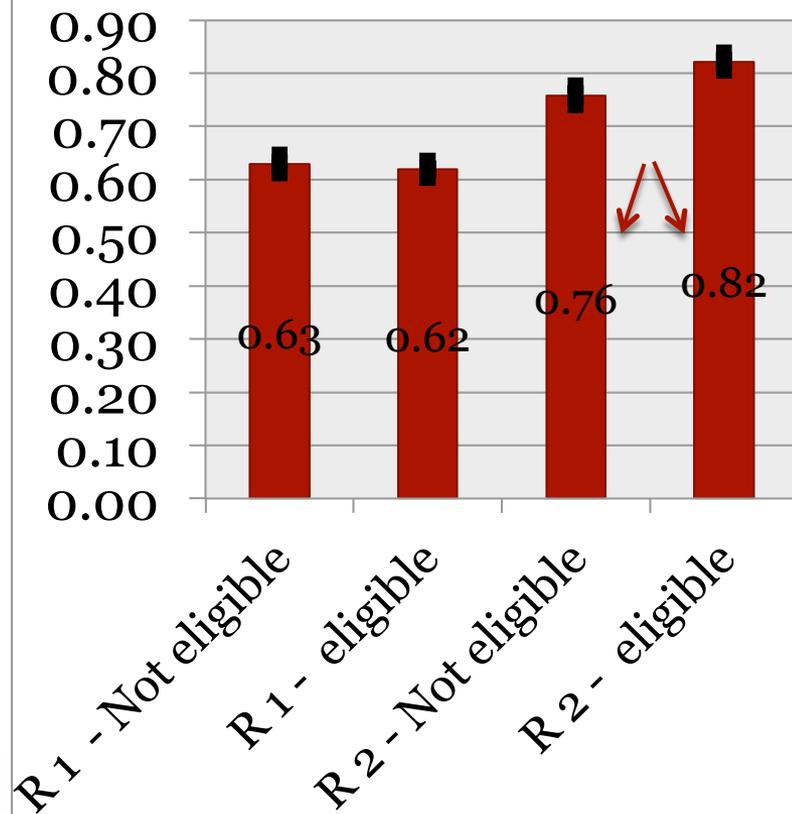


# Within high prevalence states, incentives only given to select women

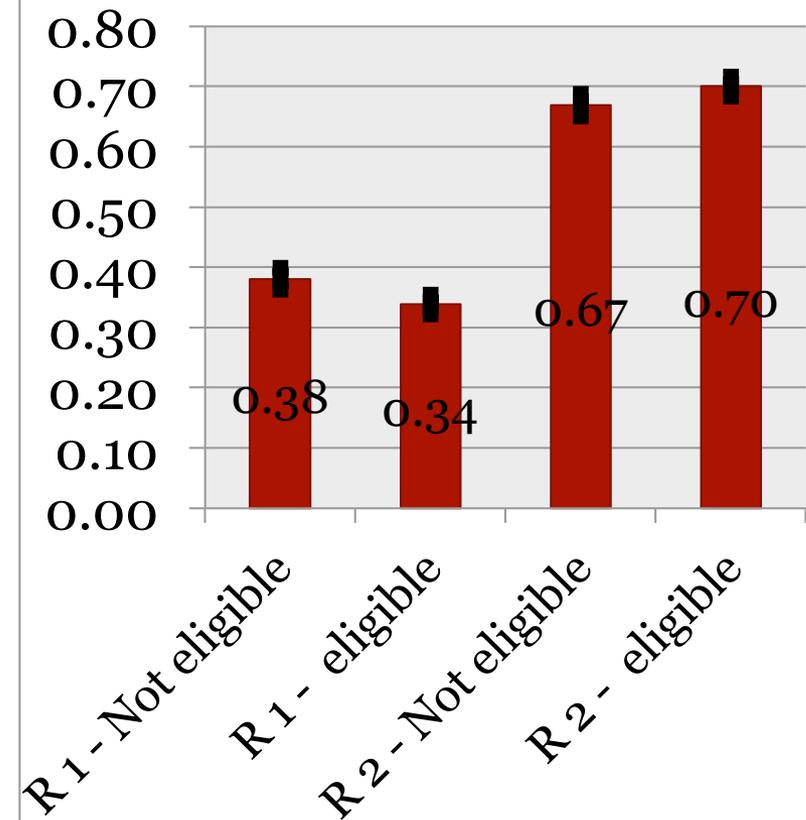
- In low prevalence states, all women get cash benefits
- In high prevalence states benefits given to...
  - ▣ Below poverty line women
  - ▣ Scheduled Caste and Scheduled Tribe women
  - ▣ But only for first 2 births and for women older than 19
- ▣ We ignore the age restriction in our analysis due to high measurement error in age data but apply eligibility criteria to see changes in hospital delivery for “eligible” women in both low and high prevalence states
- ▣ **BUT NOTE: ENFORCABILITY OF “ELIGIBILITY” CRITERIA IS WEAK**

Only significant diff between eligible and non-eligible women is in high prevalence staes in round 2

### High Prevalence States



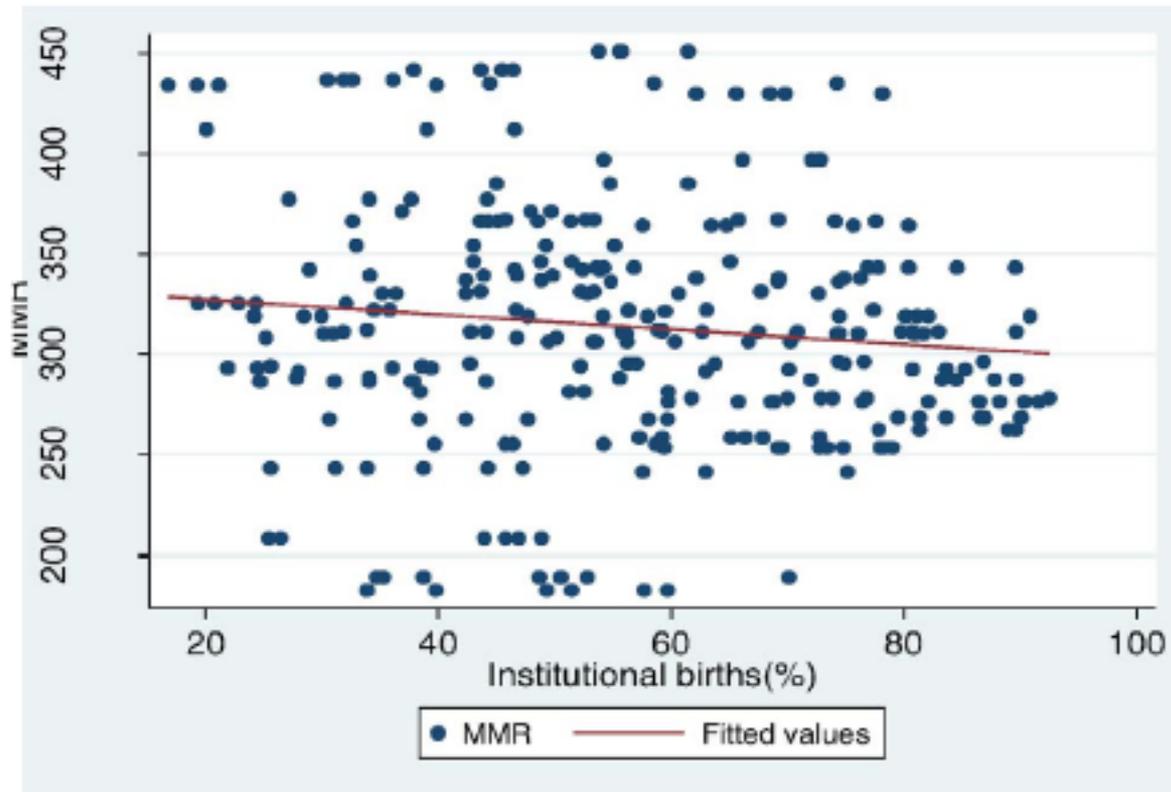
### Low Prevalence States



# While hospital delivery has increased...

- .... It is not clear that it is associated with decline in maternal mortality
- Randive et al. 2013 using SRS data find a slight negative correlation rather than a positive correlation between institutional deliveries and MMR

# From Randive et al. 2013



**Figure.3. Scatter plot of MMR and proportion institutional births.**

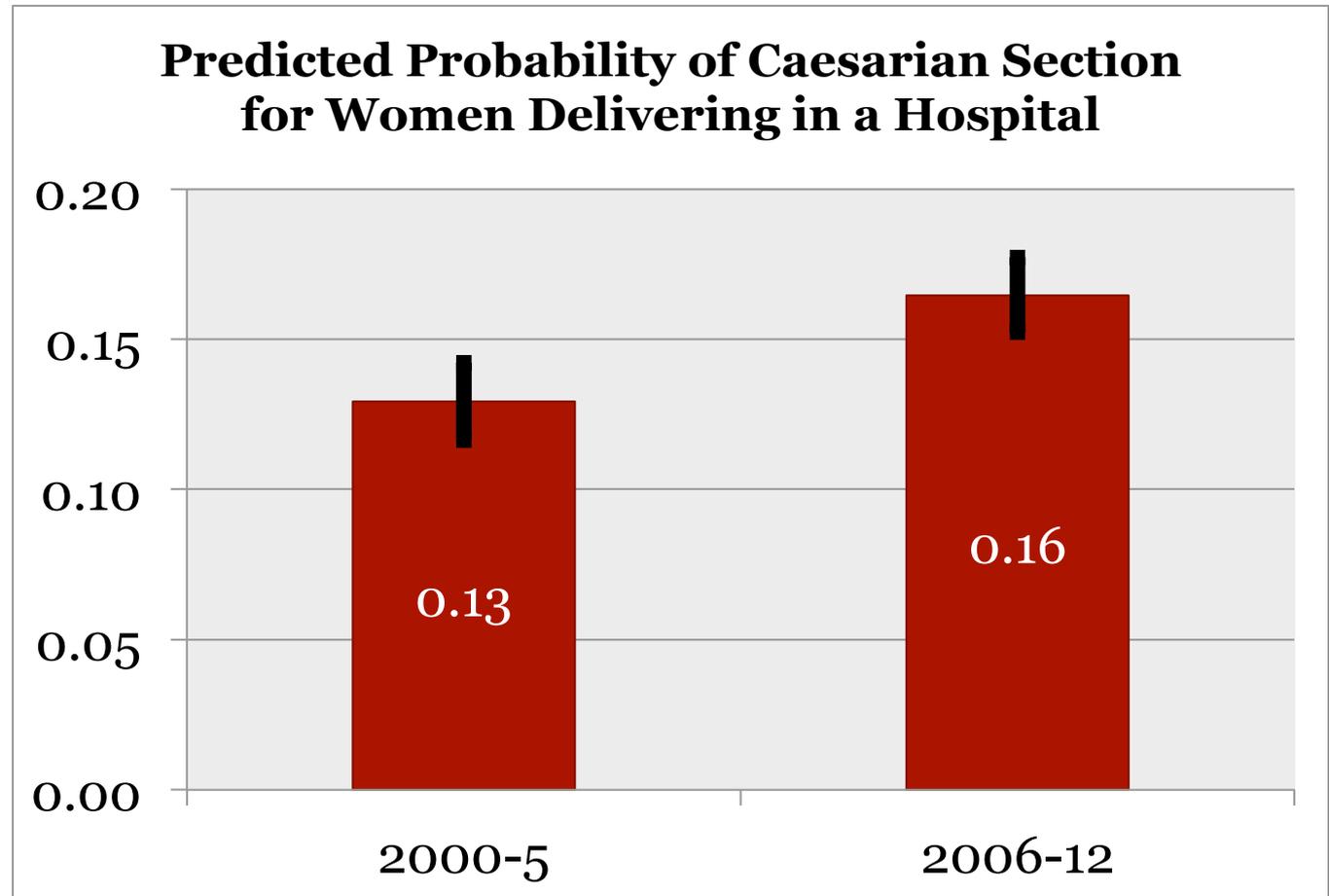
# Increased pressure on hospitals may lead to

- .... Decline in quality of services
- The IHDS data offers some clues but needs more examination

# More caesarian sections for women delivering in hospitals

Predicted values from random effects model with same covariates as before.

Sample: Women with Hospital delivery



# Hospital deliveries more “common” now...

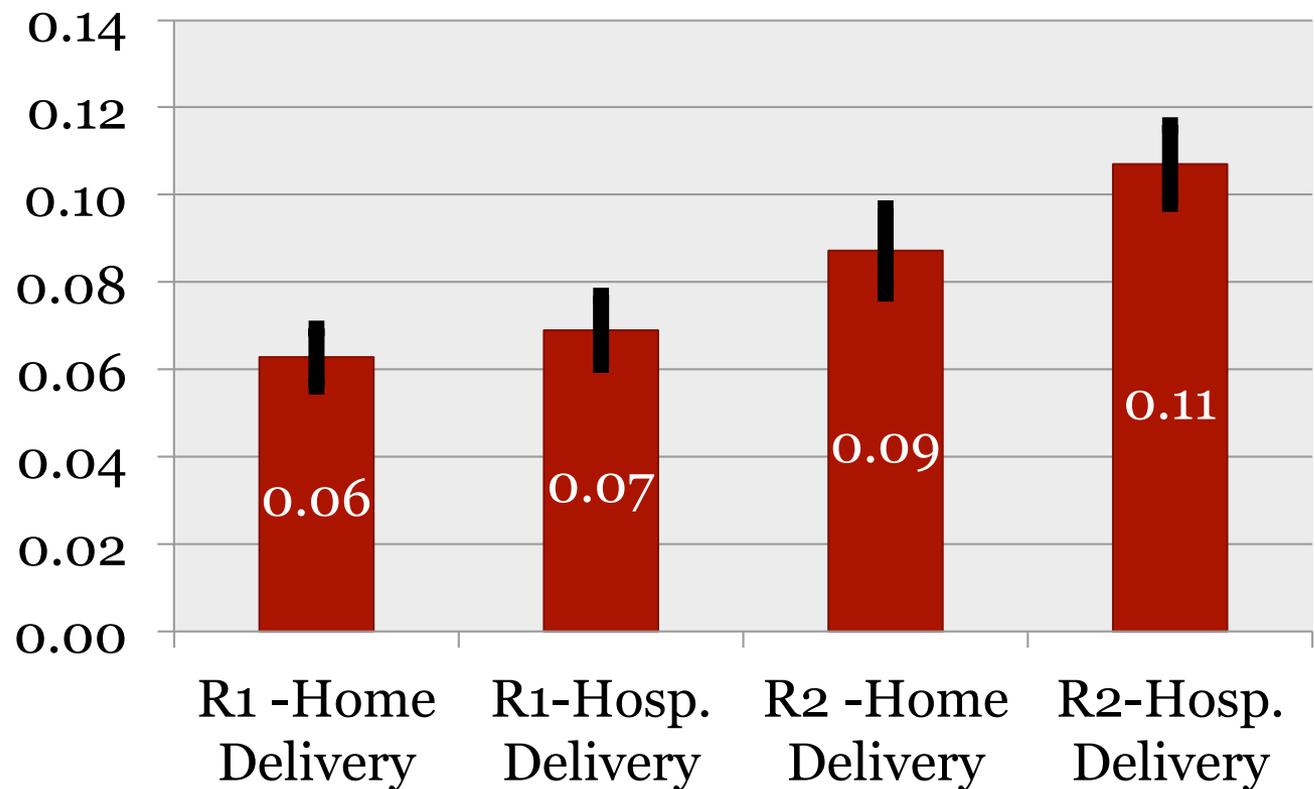
- ... so no reason to expect greater complications for women delivering in hospitals
- Increase in caesarian sections probably reflects the impact of overcrowding

# Greater likelihood of high post-partum fever for women with hospital deliveries and caesarians

Greater level of high post-partum fever for hospital deliveries in Round 2 than in Round 1.

But also note secular increase – Reporting issues?

**Predicted Prob. of High Post-Partum Fever**





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KUSP  
KUSP

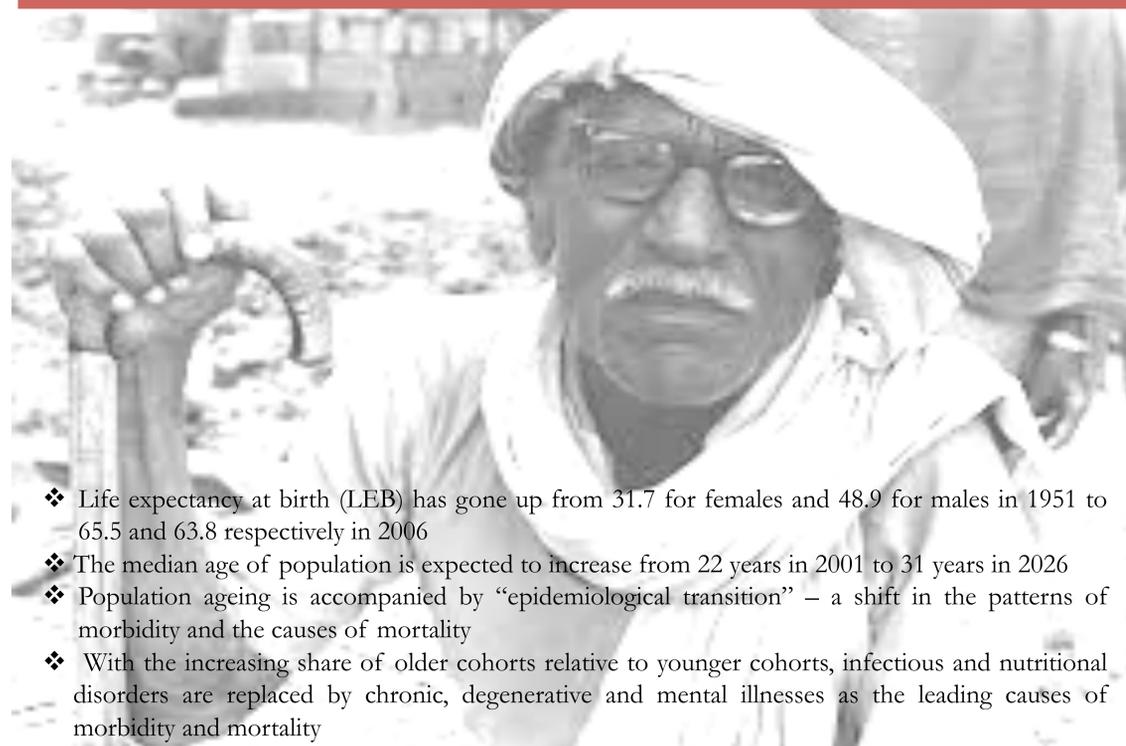
LIFE AID  
MEDICAL SUPPLIES

100 ml  
CONCENTRATED  
FORMALIN  
SOLUTION #

# Increase in access, decrease (?) in quality

- We can unambiguously note increase in hospital delivery and this increase is greater for women who are eligible for cash transfers
- But the IHDS data also show some indications of deterioration in the quality of services.

## Introduction



- ❖ Life expectancy at birth (LEB) has gone up from 31.7 for females and 48.9 for males in 1951 to 65.5 and 63.8 respectively in 2006
- ❖ The median age of population is expected to increase from 22 years in 2001 to 31 years in 2026
- ❖ Population ageing is accompanied by “epidemiological transition” – a shift in the patterns of morbidity and the causes of mortality
- ❖ With the increasing share of older cohorts relative to younger cohorts, infectious and nutritional disorders are replaced by chronic, degenerative and mental illnesses as the leading causes of morbidity and mortality

## Need for the study

- ❖ India is experiencing a rapid pace of population ageing
- ❖ The elderly (60+) of India is expected to increase at annual rate of 2.8 percent and the child population is expected to decline at an annual rate of 0.4 percent until 2050
- ❖ Population ageing leads to shift in infectious/nutritional disorders into chronic, degenerative diseases
- ❖ Shift in morbidity pattern will demand for change in the expenditure pattern in the health care sector
- ❖ Therefore, a look into shift in morbidity pattern is a serious concern in health planning

## Objectives

- ❖ To predict the improvement in life expectancy at birth among Indian population and the changes in the proportion of elderly during 2006-2051
- ❖ To assess the changes in the burden of communicable and non-communicable diseases among Indian population by 2051

## Data and Methodology

### Data

- ❖ National Sample Survey Organization (NSSO) 60<sup>th</sup> round – “Morbidity and Health Care” (2004)
- ❖ Projected population as well as Life Expectancy at Birth using Sample Registration System (SRS) and Indian Census (2001) data

### Methodology

- ❖ Population aged 65 years or over is defined as elderly in the present study
- ❖ Prevalence of any ailment or morbidity has been defined as

$$\text{Prevalence Rate} = \frac{\text{Number of persons ailing within the reference period}}{\text{Total number of persons exposed to the risk of the ailment from the same group}} * 1000$$

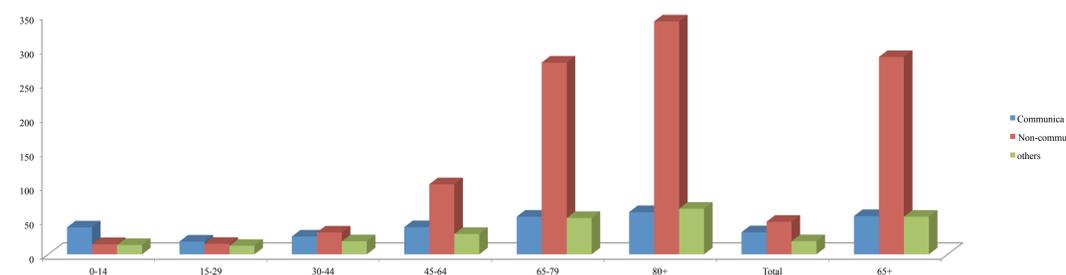
- ❖ Communicable diseases (CDs) refer to those diseases that can be transmitted directly from one individual to another
- ❖ Non-communicable diseases (NCDs) are medical conditions or diseases non-infectious in nature

## Key Findings

### Projected life expectancy at birth ( $e_0^0$ )

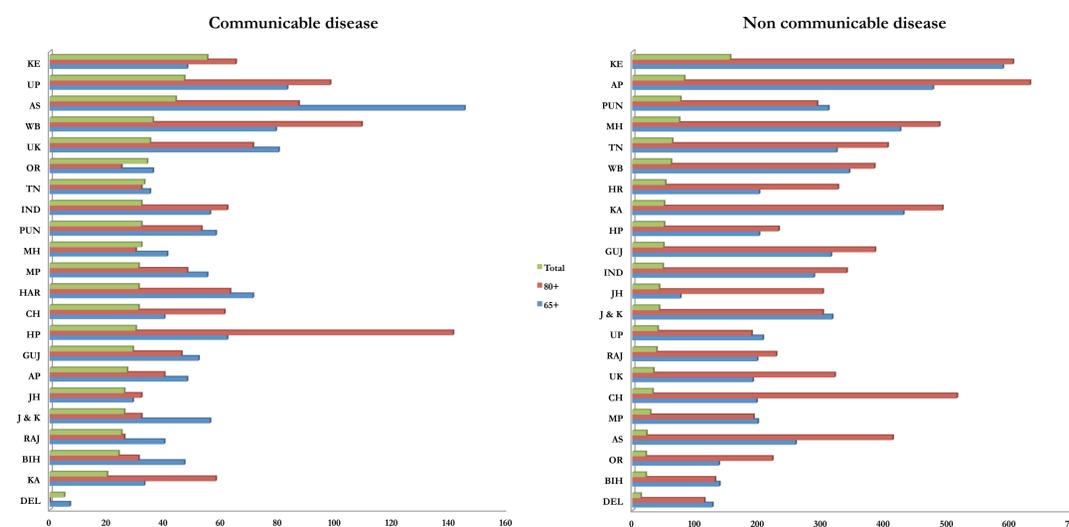
- ❖  $e_0^0$  will increase about 10 years for males and 11 years for females in India by 2051 from 63.8 years for males and 65.5 for females in 2006
- ❖  $e_0^0$  for males will be highest in Kerala (79.2) and lowest in Assam (72.4)
- ❖  $e_0^0$  for females will also be highest in Kerala (81.0) and lowest in Madhya Pradesh (73.8)
- ❖ The proportion of younger population will decline by 45 per cent and that of elderly will increase by 174 percent during 2006-51

### Age pattern of CDs, NCDs and other types of diseases in India



- ❖ Prevalence of CDs as well as NCDs is lowest in the age group of 15-29 years
- ❖ As age increases, prevalence of both the diseases increases; NCDs increases at a much faster rate
- ❖ Prevalence of NCDs is higher than the CDs in almost all Indian States
- ❖ Prevalence of CDs is higher in the NRHM focused states like Assam, Bihar, MP, Orissa, UP and UK
- ❖ Prevalence of NCDs is highest in Kerala (155), followed by Andhra Pradesh (82) and Punjab (76)

### Prevalence of CDs & NCDs among elderly (65+) in major states of India



- ❖ Among the elderly, prevalence of NCD is highest in Kerala (588)
- ❖ Prevalence is lowest among elderly in Jharkhand (76)
- ❖ Prevalence increases with age of the elderly males
- ❖ The prevalence shows a downward trend in rural areas but upward trend in urban areas

### Projected burden of CDs, NCDs and other types of diseases, 2006-2051

- ❖ Share of NCDs will increase from 46 percent in 2006 to 57 percent in 2051
- ❖ Share of CDs will reduce from 34 percent to 25 percent
- ❖ Around 3/4<sup>th</sup> of the diseases in Karnataka will be NCDs by 2051.
- ❖ In the southern states like Andhra Pradesh, Maharashtra and Kerala, the share of NCDs will be around 70 percent
- ❖ The share of CDs is relatively higher in almost all the EAG states.
- ❖ The NCDs are mainly chronic in nature and demands for long term care
- ❖ So, the nation should be prepared to provide required infrastructure to combat with the situation.

## Summary and Conclusion

- ❖ Gradual increase in  $e_0^0$  will increase the vulnerability of elderly in the later phase of life
- ❖  $e_0^0$  for both sexes will be higher in the states leading in the demographic transition process
- ❖ Age specific morbidity prevalence shows a slower pace of increase for CDs and much faster pace of increase for NCDs
- ❖ Appropriate strategies should be taken to combat with the NCDs in near future
- ❖ Shift in disease burden towards NCDs due to transition in age-structure will result in 3/4<sup>th</sup> share of NCDs in the total disease burden in most Indian states
- ❖ The treatment of NCDs requires lab-based clinical examination and intense long term care
- ❖ Dominance of these diseases in later part of life requires set up of geriatric care units
- ❖ Hence, investment in health infrastructure and trained health personnel are urgently required in states which are demographically advanced and with higher prevalence of NCDs

## Introduction

- Population of India are graying rapidly, more widow population in late sixties
- Extreme poverty & hunger: high insecurity in old age
- Government provision of institutional care during old age in India is very limited
- Regular pension benefit: limited to organized sector workers
- IGNOAPS: neither universal nor adequate
- Non-communicable diseases in old age – incurable & required long term care
- Health insurance: hardly practiced, high out-of-pocket expenditure for prolonged care
- Family becomes vital to provide social, emotional, health & economic support
- Unfortunately, India's joint family system is gradually disappearing – a great threat to the growing number of elderly

## Need for the study

- Family and relatives are only destination for Indian citizens in their old age.
- But,**
- Are the families providing necessary support to their elder members?
- Is household economic status the only determinant for treatment of elderly?
- Apart from household economic status, what are the other factors responsible for differential in treatment behaviour among elderly?
- How far living arrangements affect treatment seeking behaviour during old age?

This is a matter of serious concern and the present study aims in it

## Objectives

- To find out inequality in treatment seeking among elderly from intra-economic groups but with different living arrangements
- To find out factors responsible for intra and inter economic group discrimination in treatment seeking with different living arrangement among the elderly

## Data and Methodology

### Data

- National Sample Survey Organization (NSSO): 60<sup>th</sup> round & 25.0 sub-round
- Elderly 34831: Males 17750 and Females 17081
- Rural 22265 and Urban 12566

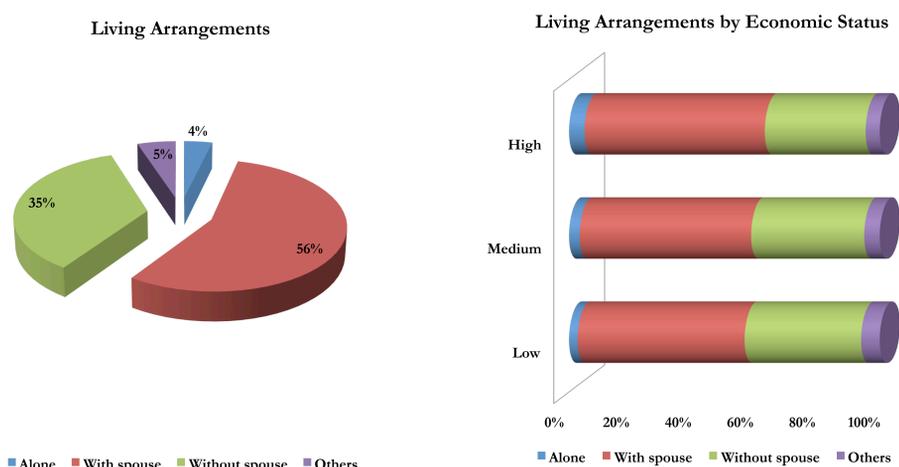
### Methodology

- Monthly per-capita consumption expenditure (MPCE) is considered as proxy indicator of household economic status
- MPCE tertile has been calculated for rural and urban areas separately
- The living arrangements among the elderly has been classified into four categories - living alone and not as an inmate of old age home, living with spouse, living without spouse but with children, and others
- Other includes those living alone as an inmate of old age home, living with other relatives and non-relatives
- Treatment rate is defined as,

$$\text{Treatment rate} = \frac{\text{Number of ill persons sought treatment from a specific category}}{\text{Total number of persons ill from that particular category}} * 100$$

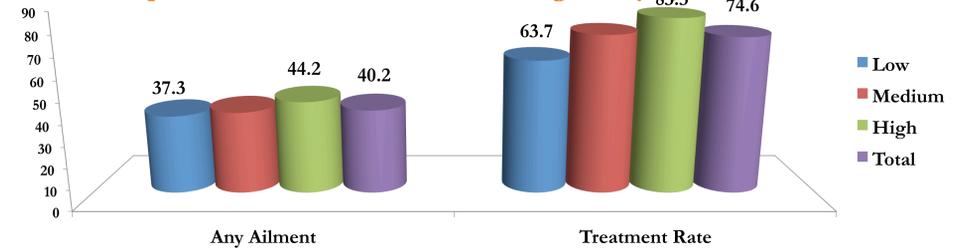
- Bi-variate analysis & binary logistics regression analysis

## Sample Description



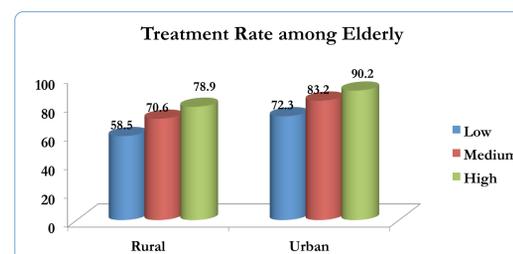
## Key Findings

### Ailment prevalence and treatment rate among elderly by MPCE tertile in India



- Two-fifth of elderly suffers from any ailment and one-fourth of them don't seek treatment
- Prevalence of ailments is relatively higher among elderly from rich households
- Treatment rate is also significantly higher among these richer elderly

### Rural-Urban (R-U) differential in treatment seeking behaviour



- Significant R-U differential exists
- Treatment rate is much higher among urban poor
- Treatment rate is significantly lower among rural rich than urban

### Differential in treatment rate by living arrangements & economic status



- Irrespective of place of residence and household economic status, treatment rate is lowest among elderly living alone (not as an inmate of old age home)
- Highest among elderly living with spouse only or with spouse and children
- However, living with children (without spouse) is associated with better treatment than living alone or living with others
- There is not much difference in treatment rate between elderly living alone in medium and high MPCE households

### Factors affecting treatment seeking among elderly by household MPCE

#### Low MPCE Households

- Elderly living with spouse are more likely to seek treatment while ill
- Elderly in early elderhood (60-64 years), male, living in urban areas, belongs to other than Hindu religion are more advantageous in terms of treatment seeking
- Elderly of Scheduled tribe (ST) & low MPCE households are less likely to get treatment

#### Medium MPCE Households

- Elderly living alone are more likely to seek treatment than others
- Sex and religion do not show any significant difference in treatment rate; STs are less likely

#### High MPCE households

- Living with children but spouse are less likely to get treatment than living alone
- No gender differential in treatment seeking; STs are in disadvantageous group

## Summary and Conclusion

- Less treatment in rural areas across all economic groups indicates lack of access to facilities
- Treatment rate increases with the increase in economic status
- Living with family leads higher treatment rate in low MPCE households
- Living alone leads more treatment rate in middle and high MPCE households
- Treatment rate declines with increase in age of the elderly, in the critical moments of life
- Female elderly are neglected in treatment during illnesses in poor households
- Elderly of scheduled tribe community are neglected irrespective of household economic status
- Rural health system needs to strengthen to cater health services to rural elderly as well