



# REPORT AND PRELIMINARY SCIENTIFIC PROGRAMME

2021 IUSSP International Population Conference

8 September 2021

## [Abstract](#)

This document provides an overview of the regular oral sessions created by theme conveners from the Call for Papers as presented to the IOC on 6 September. More recent additions of papers and sessions are not included. This document provides details for each session with the papers and authors.

IUSSP Secretariat

## Table des matières

<b>Introduction:</b>	<b>8</b>
Theme targets	8
COVID-19 as a cross-cutting theme	11
<b>Theme 1: Fertility and Childbearing - Wang Feng</b>	<b>12</b>
Session 101: Production and Reproduction	12
Session 102: Health and Fertility	12
Session 105: Fertility in India: Present and Prospect	13
Session 106 Health and Reproductive Health	13
Session 107 Parity and Parenthood	14
Session 108: Fertility Transition and Prospects	15
Session 109: European Fertility: Recent findings	15
Session 110: COVID-19 and Fertility	16
Session 116: Fertility: Preferences and Intentions	16
Session 117 : Social Differences and Fertility	17
Session 118: Social Differences and Fertility (II)	17
Session 119: Social Differences and Fertility (III)	18
Session 120: Pandemics, Health, and Fertility	18
Session 121: Timing and Childbearing	19
Session 122 Technology, Work, and Fertility	20
Session 124: Spatial and Social Patterns of Fertility	20
Session 125: Economy, Education, and Fertility	21
<b>Theme 2: Older Adults and Intergenerational Relations – Jane Falkingham</b>	<b>21</b>
Session 201 Intergenerational relations, living arrangements and COVID-19	21
Session 202: Gender, Care and Health	22
Session 203: Paid and unpaid "work" including grandparental care and well-being	22
Session 204: Older adults and intergenerational relations	23
<b>Theme 3: Gender – Zeba Sathar</b>	<b>23</b>
Session 301: Societal impacts of Sex Selection Behaviour	23
Session 302: Impact of COVID-19 on Gender Relations	24
Session 303: Gender-Based Sexual Violence	24
Session 304: Female empowerment, Fertility and Sexual Violence	25
Session 305: Post-Shock Gender Dynamics	26
Session 306: Gender Differences through the Life Course	26
Session 307: Gendered impacts of migration and squatter living	27

Session 308: Gender Inequalities -Drivers and impacts .....	27
Session 309: Persisting Preferences for Sons.....	28
<b>Theme 4: Culture, Ethnicity, Race, Religion and Language – Alaka Basu .....</b>	<b>28</b>
Session 401: Us vs Them: Cultural Assimilation and Anxieties in the Modern World .....	28
Session 402: Ethnicity, Religion and Tribe: Sociocultural Influences on Demographic Behavior .	29
<b>Theme 5: Sexual and Reproductive Health and Rights - Ilene Speizer .....</b>	<b>30</b>
Session 501: Empowerment and Equity in Sexual and Reproductive Health Care Services .....	30
Session 502: Maternal Health Care and Associated Needs .....	30
Session 503: Pregnancy Intentions and Life Planning among Women, Men and Adolescents ....	31
Session 504: Sexual and Reproductive Health of Adolescents and Youth in sub-Saharan Africa	31
Session 505: Measurement Issues in Sexual and Reproductive Health Research .....	32
Session 506: Men as Part of the Sexual and Reproductive Health Equation.....	32
Session 507: COVID-19 and Sexual and Reproductive Health .....	33
Session 508: Abortion as a Programme and Policy Priority.....	34
Session 509: Examining Maternal and Child Health Issues in Sub-Saharan Africa .....	35
Session 510: Sexual and Reproductive Health Experiences of Women in India over the Life Course .....	35
<b>Theme 6: International Migration - Fernando Lozano .....</b>	<b>36</b>
Session 601 Contemporary international migration trends, estimations, and methods.....	36
Session 602: High-skilled mobility and perceptions on migration: the use of novel data sources .....	36
Session 603: Return migration: reintegration during the pandemic, social networks' roles and occupational mobility .....	37
Session 604: Social ties, family reunification, and housing conditions among international migrants.....	37
Session 605: International migration projections, determinants and crossing strategies.....	38
<b>Theme 7 Migrant Populations and Refugees – Helga de Valk .....</b>	<b>39</b>
Session 701: Migration, space and environment.....	39
Session 702: Migrant health .....	39
Session 703: COVID-19 and migration (Flash session).....	40
Session 704 Labour market position and economic effects of migration .....	41
Session 705: Family formation in migrant families .....	41
Session 706: Refugees, policies and public opinion .....	42
Session 707: Health and mortality among migrants .....	43
<b>Theme 8: Internal Migration – Donatien Beguy .....</b>	<b>43</b>
Session 801: Migration, living arrangements and family wellbeing .....	43
Session 802: Migration in the context of the COVID-19 pandemic.....	44

Session 803: Migration flows: Origins, Destinations and Consequences .....	44
Session 804: Understanding migration: Applying new data and methods .....	45
Session 805: Migration and socio-economic inequalities.....	45
Session 806: Migration: Diversity of contexts .....	46
<b><i>Theme 9: Urban Demography – Mark Montgomery.....</i></b>	<b>46</b>
Session 901: Urban Exposure to Risk.....	46
Session 902: Urban demography and segregation.....	47
Session 903: The Determinants of Urban Inequality.....	47
Session 904: New Methods and Measures in Urbanization .....	48
<b><i>Theme 10 Human Capital and Labour Markets – Anne Goujon .....</i></b>	<b>48</b>
Session 1001: Impact of COVID-19 on Human Capital and the Labour Force.....	48
Session 1002: Inequalities in Human Capital and Labour Markets.....	49
Session 1003: Education, human capital and demography .....	49
Session 1004: Gender Differentials in Human Capital and Labour Force Participation .....	50
<b><i>Theme 11 Population and Development and the Demographic Dividend – Latif Dramani .....</i></b>	<b>50</b>
Session 1101: Modeling the Demographic Dividend and policy implications .....	50
Session 1102: Demographic dividend and development .....	51
Session 1103: Population and development: human capital perspectives .....	51
<b><i>Theme 12 Population Ageing – Bussarawan Puk Teerawichitchainan .....</i></b>	<b>52</b>
Session 1201: Cognitive Health and Older Adults.....	52
Session 1202: Marital Status, Livelihoods, and Well-being in Older Adulthood .....	52
Session 1203: Intergenerational and Social Support among Older Persons .....	53
Session 1204: Ageing and Subjective Well-Being.....	53
Session 1205: Ageing and Disability .....	54
Session 1206: COVID-19 Impacts on Older Adults .....	54
Session 1207: Old-Age Pension, Healthcare, and Welfare Policy Evaluation .....	55
<b><i>Theme 13: Family Planning and Contraception – Leela Visaria.....</i></b>	<b>55</b>
Session 1301: Postpartum Contraceptive Needs and Use.....	55
Session 1302: Impact of Covid-19 on contraceptive behaviour.....	56
Session 1303: Barriers to Contraceptive Use .....	57
Session 1304: Contraceptive Dynamics: Role of Macro-level Socio-economic Factors .....	57
Session 1305: Global and Macro-level analysis of Contraceptive use Data .....	58
Session 1306: Factors inhibiting continuity in contraceptive use.....	58
Session 1307: Contraceptive Dynamics : Supply side issues.....	59
Session 1308: Correlates of Infertility and Assisted Reproduction.....	59

Session 1309: Influence of Ethnicity and Minority status on Contraception Use .....	60
Session 1310: Demand and Unmet need for Contraception .....	60
<b><i>Theme 14 Population and Environment – Susana Adamo .....</i></b>	<b><i>61</i></b>
Session 1401: Impact of environmental factors on population health and well-being (I) .....	61
Session 1402: Multidimensional links: environmental conditions, fertility, and reproductive and maternal health.....	61
Session 1403: Population shifts and environmental change: past trends, current conditions and future scenarios .....	62
Session 1404: Impact of environmental factors on population health and well-being (II) .....	63
Session 1405: Human mobility and the environment .....	63
Session 1406: Demography, consumption and environmental concerns .....	64
Session 1407: People at risk: environmental hazards and population vulnerability .....	64
<b><i>Theme 15 Data and Methods – Bruno Schoumaker.....</i></b>	<b><i>65</i></b>
Session 1501: Counting and classifying populations .....	65
Session 1502: Measurement of age and age structures.....	66
Session 1503: Covid-19: impacts and methodological challenges .....	66
Session 1504: Estimating and modelling mortality .....	67
Session 1505: Modelling and forecasting mortality.....	67
Session 1506: Creating and using international or historical datasets .....	67
Session 1507: Fertility and sexual and reproductive health: new methods.....	68
Session 1508: Data quality: from pregnancy to death .....	69
Session 1509: Human capital, labour, standard of living and inequality .....	69
Session 1510: Fertility: measurement and data quality.....	70
Session 1511: Measurement of mortality and causes of death.....	70
Session 1512: Demographic trends: estimates and projections .....	71
Session 1513: Fertility, fertility preferences and contraception: data and methods .....	71
Session 1514: Data and methods: a medley of perspectives.....	72
<b><i>Theme 16: Spatial Demography and Human Geography – James Raymer.....</i></b>	<b><i>72</i></b>
Session 1601: Migration experiences and population distributions.....	72
Session 1602: Modelling international movements and responses to Covid-19.....	73
Session 1603: Spatial population dynamics.....	74
Session 1604: Vulnerable populations at risk .....	74
Session 1605: Spatial networks, clusters and accessibility.....	75
Session 1606: Augmenting census and other data to better understand spatial population distributions .....	75
Session 1607: Geographic variations in education and health .....	76

<b><i>Theme 17: Population Policy Challenges – Cheikh Mbacke.....</i></b>	<b><i>76</i></b>
Session 1701: Migration, mobility and population aging.....	76
Session 1702: Strengthening the evidence base for inclusive population policies.....	77
Session 1703: Population policies and the demographic transition .....	77
<b><i>Theme 18: Historical Demography – Lionel Kesztenbaum .....</i></b>	<b><i>78</i></b>
Session 1801: Marriage and Reproduction in Historical Populations .....	78
Session 1802: Consequences of Pandemics: Lessons from History .....	78
Session 1803: Innovative methods in historical demography for the study of socioeconomic mobility.....	79
Session 1804: Socioeconomic differentials in mortality.....	79
<b><i>Theme 19: Families and Households – Albert Esteve .....</i></b>	<b><i>80</i></b>
Session 1901: Consequences of COVID-19 on family life and structure.....	80
Session 1902: The influence of family structure and dynamics on children's health and well-being .....	80
Session 1903: Family transitions in longitudinal perspective.....	81
Session 1904: Living arrangements in a global perspective .....	81
<b><i>Theme 20: Union Formation and Dissolution – Dana Hamplova.....</i></b>	<b><i>82</i></b>
Session 2001: Union dissolution around the world: Predictors and outcomes.....	82
Session 2002: Different pathways to residential and non-residential partnerships .....	82
Session 2003: Family systems, kinship and marriage timing.....	83
Session 2004: Union formation, dissolution, and family trajectories .....	83
Session 2005: Patterns of union formation around the world .....	84
<b><i>Theme 21: Health and Morbidity – Nyovani Madise .....</i></b>	<b><i>84</i></b>
Session 2101: Estimating impacts of COVID-19 on mortality, morbidity, and society.....	84
Session 2102: Nutritional Status and its health and socio-economic effects in Asia.....	85
Session 2103: Demographic and socio-economic aspects of health across many geographies ...	85
Session 2104: Profiles and Patterns of chronic multimorbidity.....	86
Session 2105: Trajectories in multimorbidity .....	87
Session 2106: Early life experiences and impacts on later life health.....	87
Session 2107: Use and misuse of preventive and curative treatments: the role of socioeconomic factors.....	88
Session 2108: Social and demographic factors influencing communicable and non-communicable diseases .....	89
Session 2109: Spatial and Socioeconomic determinants of child health .....	89
Session 2110: Exploring hypotheses of nutritional status and non-communicable diseases .....	90
Session 2111: Estimating COVID-19 risks and self-perceptions .....	91
Session 2112: Well-being and mental health outcomes: measurements and determinants.....	91

Session 2113: Health service utilisation to improve reproductive and maternal Health .....	92
Session 2114: Communicable diseases in the Americas.....	93
<b>Theme 22: Economic Demography – David Canning.....</b>	<b>93</b>
Session 2201: Aging, Retirement, and Saving .....	93
Session 2202: Socio-Economic Effects of the COVID-19 Pandemic .....	94
Session 2203: Fertility, Demographic Dividend, and Development.....	94
Session 2204: Economic Policy and Health Outcomes .....	95
Session 2205: Disadvantage, Opportunity and Inequality .....	95
<b>Theme 23: Mortality and Longevity – Bernardo Lanza Quieroz .....</b>	<b>96</b>
Session 2301: Formal Models and Methods for the Analysis of Mortality and Causes of Death.	96
Session 2302: Socioeconomic Status and Mortality.....	96
Session 2303: Socioeconomic inequality and mortality differentials .....	97
Session 2305: Longevity in perspective .....	97
Session 2306: Flash Session: Direct and Indirect Impacts of the Covid pandemic.....	98
Session 2308: Demographic Analysis of the Covid-19 Pandemic.....	99
Session 2309: Infant and Child Mortality .....	100
Session 2310: Flash Session: Mortality and Causes of Death .....	100
Session 2311: Flash Session: Socioeconomic inequality, differentials and mortality .....	101
Session 2312: Methods and Data for Demographic Analysis .....	102
Session 2313: Mortality in Low and Middle Income Countries .....	102
Session 2314: Geographic Analysis of Mortality and Health .....	103
<b>Theme 24: Life Course – Ann Evans .....</b>	<b>103</b>
Session 2401: Life course approaches to the transition to adulthood.....	103
Session 2402: Early life experience and later life outcomes.....	104
Session 2403: Inequality and the life course .....	104
Session 2404: Approaches to life course research .....	105
<b>Theme 25: Children and Youth – K.G. Santhya .....</b>	<b>105</b>
Session 2501: Public health and political crises: Familial and community influences on outcomes for children.....	105
Session 2502: Undernutrition among children and adolescents in India: From Micro to Macro level variations .....	106
Session 2503: Emotional wellbeing of adolescents and young people.....	107
Session 2504: Achieving inclusive and equitable quality education for children and adolescents from vulnerable households .....	108
Session 2505: Enabling children and adolescents to realise their full potential: What works and what does not?.....	109
Session 2506: Sexual and reproductive health of young people .....	110

Session 2507: COVID-19 and widening inequalities .....	110
Session 2508: Patterns in markers of transitions and associated factors .....	111
Session 2509: Child care arrangements: Patterns, trends and effects .....	112
<b>Theme 26: India – National Organising Committee.....</b>	<b>113</b>
Session 2601: Development challenges in India: poverty, migration and urbanisation .....	113
Session 2602: Key factors influencing family planning and maternal health services in India ..	113
Session 2603: COVID-19 and consequences of lockdowns on health outcomes .....	114
Session 2604: What affects child health: Perspectives from India .....	114
Session 2605: Challenges facing the young in India .....	115
<b>Posters .....</b>	<b>115</b>
Poster Session 2801.....	115
Poster Session 2802.....	117
Poster Session 2803.....	118
Poster Session 2804.....	119
Poster Session 2805.....	120
Poster Session 2806.....	123
Poster Session 2807.....	124
Poster Session 2808.....	126
Poster Session 2809.....	128
Poster Session 2810.....	129
Poster Session 2811.....	131
Poster Session 2812.....	132
Poster Session 2813.....	134
Poster Session 2814.....	136
Poster Session 2815.....	138
Poster Session 2816.....	139
Poster Session 2817.....	141
Poster Session 2818.....	143
Poster Session 2819.....	144
Poster Session 2820.....	146
Poster Session 2821.....	148
Poster Session 2822.....	149
Poster Session 2823.....	151



## Introduction:

This document provides an overview of the regular oral sessions and poster sessions created by theme conveners including details of each session with the papers. In order for the communications listed in this preliminary programme to be listed in the final programme the presenting author of the communication must register and pay the registration fee before 15 November. Authors from low and middle-income countries who are IUSSP members and unable to pay the fee can apply for financial support from IUSSP to cover the fee.

This introduction covers the process of creating sessions including criteria for the number of sessions per theme.

### Theme targets

Theme conveners were allocated targets for the number of sessions to create, which were determined by the number and the quality of submissions. All submissions were independently reviewed by two experts in the topic area who scored papers on a scale of 1 – 9 with 1 being the highest score for outstanding papers and 9 the lowest score. Conveners were given session targets based on the number of papers with average scores in the highest quality range of one to three. Conveners could include lower scoring papers in the 4-5 range where appropriate to ensure geographic and topic breadth.

Targets were also allocated for timeslots based on the number of available papers and their quality in each theme for eleven 90-minute session timeslots. The first session timeslot starts at 2:00 GMT and the last session timeslot ends at 23:30 GMT- each timeslot is followed by a 30-minute break for meet-the-author discussion and poster sessions. The number of session streams has been limited to no more than 7, one of which would be set aside for special sessions -- Research Leader Sessions and IOC/IUSSP organized “plenary” sessions.

Theme conveners created sessions for timeslots drawing on the papers available to present at the same time (See Figure1 for details). This somewhat limited which papers they could select for a session and required some flexibility and creativity as conveners could not freely group all the papers in their theme into an ideal session or set of sessions. In some instances, Conveners created “flash sessions” (6-7 papers) for timeslots with many excellent papers while others with fewer choices created sessions with just 3 papers. Overall, the conveners did an excellent job of creating the sessions which are listed by theme and timeslot (unfortunately URL links to the long paper abstracts do not work). Most of the sessions listed in this document also include a description of the session topic.

Theme conveners created 176 sessions, which include 768 papers (from 678 individual presenting authors based in 78 countries). These include

- 10 flash sessions with 6 papers (1 with 7 papers): 124, 1004, 1512, 1514, 2103, 2111, 2306, 2310, 2311, 703 (with 7 papers)
- 12 sessions with 3 papers : 301, 601, 707, 902, 903, 904, 1302, 1307, 1308, 1801, 1803, 1804, 2507
- 96 sessions with 4 papers
- 57 sessions with 5 papers

Figure 1: List of themes with number of sessions proposed

Theme	Ave score of papers	#sessions
Fertility and Childbearing	2,83	17
Older Adults and Intergenerational Relations	2,81	4
Gender	2,76	9
Culture, Ethnicity, Race, Religion and Language	3,90	2
Sexual and Reproductive Health and Rights	3,26	10
International Migration	3,00	5
Migrant Populations and Refugees	3,59	7
Internal Migration	2,81	6
Urban Demography	3,23	4
Human Capital & Labour Markets	3,42	4
Population and Development and the Demographic Dividend	3,42	3
Population Ageing	3,90	7
Family Planning and Contraception	2,73	10
Population and Environment	3,21	7
Data and Methods	2,96	14
Spatial Demography and Human Geography	3,00	7
Population Policy Challenges	3,50	3
Historical Demography	2,58	4
Families and Households	2,63	4
Union Formation and Dissolution	3,55	5
Health and Morbidity	3,43	14
Economic Demography	2,63	5
Mortality and Longevity	2,90	12
Life Course	3,38	4
Children and Youth	3,49	9
Total		176

Id	Theme	Timeslots (GMT)										
		2:00 - 3:30	4:00 - 5:30	6:00 - 7:30	8:00 - 9:30	10:00 - 11:30	12:00 - 13:30	14:00 - 15:30	16:00 - 17:30	18:00 - 19:30	20:00 - 21:30	22:00 - 23:30
1	Fertility and Childbearing	2	3	2	1	1	3	1	0	2	1	1
2	Older Adults and Intergenerational Relations	0	0	0	1	0	1	0	1	0	1	0
3	Gender	0	0	1	3	1	2	1	1	0	0	0
4	Culture, Ethnicity, Race, Religion and Language	0	1	0	0	0	0	1	0	0	0	0
5	Sexual and Reproductive Health and Rights	0	1	2	1	1	1	1	2	1	0	0
6	International Migration	0	0	0	1	1	1	1	1	0	0	0
7	Migrant Populations and Refugees	0	0	1	1	1	1	1	1	1	0	0
8	Internal Migration	0	2	0	2	0	0	1	1	0	0	0
9	Urban Demography	0	0	0	0	0	1	1	0	1	1	0
10	Human Capital & Labour Markets	0	0	0	1	1	0	1	1	0	0	0
11	Population and Development and the Demographic Dividend	0	0	0	1	1	1	0	0	0	0	0
12	Population Ageing	0	1	1	1	1	1	1	1	0	0	0
13	Family Planning and Contraception	0	0	1	1	1	3	3	1	0	0	0
14	Population and Environment	1	0	0	1	1	0	1	1	1	1	0
15	Data and Methods	1	1	1	1	1	1	2	2	2	1	1
16	Spatial Demography and Human Geography	0	0	1	1	1	1	1	1	1	0	0
17	Population Policy Challenges	0	0	0	1	1	1	0	0	0	0	0
18	Historical Demography	0	0	0	1	0	0	2	1	0	0	0
19	Families and Households	0	0	0	2	1	0	0	1	0	0	0
20	Union Formation and Dissolution	0	0	0	1	1	1	1	1	0	0	0
21	Health and Morbidity	1	2	2	2	1	1	1	1	1	1	1
22	Economic Demography	0	0	0	0	0	0	3	1	1	0	0
23	Mortality and Longevity	1	1	1	1	1	1	1	2	2	0	1
24	Life Course	0	0	0	1	1	0	1	1	0	0	0
25	Children and Youth	1	1	1	1	1	1	1	1	1	0	0
Total		7	13	14	27	19	22	27	23	14	6	4

176

176

Figure 2 Overview of timeslots by the

## **COVID-19 as a cross-cutting theme**

COVID-19 sessions cut across many of the themes. 107 papers on this programme include COVID-19 in the title and COVID is the topic of 18 sessions listed below:

- Session 110: COVID-19 and Fertility
- Session 201: Intergenerational relations, living arrangements and COVID-19
- Session 302: Impact of COVID-19 on Gender Relations
- Session 507: COVID and Sexual and Reproductive Health
- Session 703: Flash Session - COVID 19 and migration
- Session 802: Migration in the context of COVID-19 pandemic
- Session 1001: Impact of COVID-19 on Human Capital & Labor Force
- Session 1206: COVID-19 Impacts on Older Adults
- Session 1302: Impact of Covid-19 on contraceptive behaviour
- Session 1503: Covid-19: impacts and methodological challenges
- Session 1602: Modelling international movements and responses to Covid-19
- Session 1901: Consequences of COVID-19 on family life and structure
- Session 2101: Estimating impacts of COVID-19 on mortality, morbidity, and society.
- Session 2111: Estimating COVID-19 risks and self-perceptions
- Session 2202: Socio-Economic Effects of the COVID-19 Pandemic
- Session 2306: Flash Session: Direct and Indirect Impacts of the Covid pandemic
- Session 2308: Demographic Analysis of the Covid-19 Pandemic
- Session 2507: COVID-19 and widening inequalities (Needs 1-2 additional papers)

## Theme 1: Fertility and Childbearing - Wang Feng

### Session 101: Production and Reproduction

A set of studies from different parts of the world to examine the links between production (or labor market activities) and reproduction.

**Time Slot:** 2:00 - 3:30 GMT

**Domestic outsourcing in an ultra-low fertility context: Employing live-in domestic help and fertility in Hong Kong**

Adam Cheung, *Hong Kong Baptist University* • Erin Kim, *University of Seoul*

**The Impact of Fertility on Woman's Labour Force Participation in China under the New Two-Child Policy**

Yuanyuan Duan, *Renmin University of China* • Fei Guo, *Macquarie University* • Wei Chen, *Center for Population and Development Studies, Renmin University of China*

**Low fertility with low female labor force participation in South India**

Stuart Gietel-Basten, *The Hong Kong University of Science and Technology* • Dean Spears, *University of Texas at Austin* • Leela Visaria, *Gujarat Institute of Development Research*

**Is Fertility Behavior in Africa Different?**

Claus C. Portner, *Seattle University*

**Production, reproduction, and the evolution of social organization**

Ronald D. Lee, *University of California, Berkeley* • Cyrus Chu, *Academia Sinica*

### Session 102: Health and Fertility

Papers from different settings examine links between health related factors and fertility

**Time Slot:** 2:00 - 3:30 GMT

**Access to ovulation monitoring and strategic timing of sexual activity in a low-fertility setting**

Poh Lin Tan, *National University of Singapore*

**The Survival Effect on Fertility: A Decomposition of the Net Reproduction Rate (NRR)**

Tianyu Shen, *Australian National University* • Ester Lazzari, *Australian National University* • Vladimir Canudas-Romo, *Australian National University*

**Trends in primary and secondary infertility in 16 countries using a demographic approach**

Sara Riese, *ICF Macro*

**The Impact of Childhood Mortality on Fertility in Rural Tanzania: Evidence from the Ifakara and Rufiji Health and Demographic Surveillance Systems**

Colin Baynes, *University of Washington* • Almamy Malick Kante, *Johns Hopkins Bloomberg School of Public Health* • Jitihada Baraka, *Ifakara Health Institute (IHI)* • Amon Exavery, *Ifakara Health Institute (IHI)* • James F. Phillips, *Heilbrunn Department of Population and Family Health, Columbia University, New York, NY 10032, USA*

**Understanding fertility desires as a determinant of modern contraception use in sub-Saharan Africa: A scoping review**

Anna Church, *Ohio State University* • Shibani Chettri, *Ohio State University* • Mobolaji Ibitoye, *The Ohio State University* • John B. Casterline, *Ohio State University*

**Session 105: Fertility in India: Present and Prospect**

Papers in this session trace fertility transition in India and project future changes

**Time Slot:** 4:00 - 5:30 GMT

**Development and Validation of a Fertility Norms Scale in a rural community in Maharashtra, India**

Nandita Bhan, *Center on Gender Equity and Health, UC San Diego* • Nicole Johns, *Center on Gender Equity and Health, UC San Diego* • Sangeeta Chatterji, *Center on Gender Equity and Health, UC San Diego* • Edwin Thomas, *Center on Gender Equity and Health, UC San Diego* • Namratha Rao, *Center on Gender Equity and Health, UC San Diego* • Mohan Ghule, *National Institute for Research in Reproductive Health (NIRRH) (ICMR)* • Anita Raj, *University of California, San Diego*

**Spatio-temporal patterns and determinants of fertility transition in India, 1991-2016: A district-level analysis**

Sayantani Chatterjee, *International Institute for Population Sciences (IIPS)* • Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)*

**Measuring the Quality of Maternal and Newborn Care in India**

GURSIMRAN SINGH RANA, *International Institute for Population Sciences (IIPS)*

**Probabilistic projection of subnational total fertility rate in India and its 15 major states, 1950-2100**

Ankita Srivastava, *Jawaharlal Nehru University* • Nandita Saikia, *Jawaharlal Nehru University*

**An Exploration of Treatment Seeking Behaviour of Women Experienced Infertility and Need for Services in Rural India**

Shraboni Patra, *International Institute for Population Sciences (IIPS)* • Sayeed Unisa, *international Institute for Population Sciences*

**Session 106 Health and Reproductive Health**

Papers in this session examine several health and reproductive health factors, in India, Nigeria, and Indonesia

**Time Slot:** 4:00 - 5:30 GMT

**Abortion-related near-miss events in humanitarian crisis contexts: Results from a qualitative study in Jigawa State, Nigeria**

Ann M. Moore, *Guttmacher Institute* • Tamara Feters, *Ipas* • Timothy Williams, *EpiCentre-Médecins Sans Frontières* • Estelle Pasquier, *Epicentre-Médecins Sans Frontières* • Joy Kantiock, *EpiCentre-Médecins Sans Frontières* • Claire Fotheringham, *Médecins Sans Frontières, OCP* • Onikepe Owolabi, *Guttmacher Institute* • Laitu Jatau, *EpiCentre-Médecins Sans Frontières* • Bill Powell, *Ipas* • Catrin Schulte-Hillen, *Médecins Sans Frontières*

**Primary and Secondary infertility in India: Trends, Socio-Demographic and Behavioural Determinants**

Sampurna Kundu, *Jawaharlal Nehru University* • Balhasan Ali, *International Institute for Population Sciences (IIPS)* • Preeti Dhillon, *International Institute for Population Sciences (IIPS)*

**Determinants of early neonatal mortality in Indonesia: insights from the Indonesia Demographic and Health Survey, 2017**

Maria Gayatri, *Badan Kependudukan Dan Keluarga Berencana Nasional* • Dian Kristiani Irawaty, *Badan Kependudukan Dan Keluarga Berencana Nasional*

**Effect of COVID-19 on birth planning and contraceptive use among married women in urban India: Evidence from nine selected states**

Sana Ashraf, *Population Council* • Ashita Munjral, *Reproductive Health Program* • Anshul Kastor, *International Institute for Population Sciences (IIPS)* • Arupendra Mozumdar, *Population Council* • Ankita Shukla, *International Institute for Population Sciences (IIPS)* • Abhishek Kumar, *International Institute for Population Sciences (IIPS)* • Subrato Mondal, *U.S. Agency for International Development (USAID)* • Niranjan Saggurti, *Population Council* • Rajib Acharya, *Population Council*

**Impact of Obesity on Reproductive Functioning**

Shreyans Rai, *IIPS* • Sayeed Unisa, *international Institute for Population Sciences*

**Session 107 Parity and Parenthood**

Papers in this session examine parenthood and fertility in several countries around the world

**Time Slot:** 6:00 - 7:30 GMT

**Vulnerability and Reproductive Health Outcomes Among Women in Sub-Saharan Africa**

Oluwaseyi Somefun, *University of the Witwatersrand, Johannesburg* • Boladé Hamed Banounin, *University of Ibadan*

**Union Formation and Transition to Parenthood: Comparison of Finnish Women born in the 1970s, 1980s and 1990s**

Leen Rahnu, *University of Turku* • Marika Jalovaara, *University of Turku*

**The stories behind postponing motherhood: A Qualitative Insight From Advance Aged Mothers in Mumbai**

Aishwarya Aishwarya, *International Institute for Population Sciences (IIPS)*

**Use of health facilities for delivery and postnatal care services among women (15-49 years) in Malawi: what are the determinants?**

BONANG BOITSHWARELO, *University of Botswana*

**Parity Disparity: Educational Differences in Nordic Fertility across Parities and Number of Reproductive Partners**

Marika Jalovaara, *University of Turku* • Linus Andersson • Anneli Miettinen, *Kela and University of Turku*

## Session 108: Fertility Transition and Prospects

Papers in this session examine fertility transitions from Iran to Ethiopia, and fertility behavior in other settings

**Time Slot:** 6:00 - 7:30 GMT

### **Scenario-based fertility projections incorporating impacts of COVID-19**

Ann M. Berrington, *University of Southampton* • Joanne Ellison, *University of Southampton* • Bernice Kuang, *University of Southampton* • Sindhu Vasireddy, *University of St Andrews* • Hill Kulu, *University of St Andrews*

### **Fertility transition in Ethiopia: A study using reproductive outcome measures of Bongaarts and Casterline**

Mezgebo Gebretsadikan, *Mekele University* • Krishna Ponnappalli, *Mekelle University*

### **Does the Family's Investments in the First child Affects the Decision to Give Birth to a second child?**

Zexu Wang, *None*

### **Non-marital fertility in South Africa: An analysis of trends and socioeconomic factors**

Reesha Kara, *Rhodes University*

### **Low fertility in Tehran: An agent-based modeling approach**

Mohammad Jalal Abbasi-Shavazi, *The University of Tehran* • Nasibeh Esmaeili, *University of Tehran* • Hajiieh Bibi Razeghi Nasrabad, *National Institute for Population Research, Iran.* • Fatemeh Torabi, *University of Tehran*

## Session 109: European Fertility: Recent findings

Papers in this session offer latest assessments of fertility change in a number of European societies

**Time Slot:** 18:00 - 19:30 GMT

### **The End of a European Exception: The First Signs of a Durable Decline in French Fertility?**

Didier Breton, *Université de Strasbourg and Institut National d'Études Démographiques (INED)* • John Tomkinson, *Université de Lille*

### **Partnership dynamics and the fertility gap between Sweden and Spain**

Momoko Nishikido, *Center for Demographic Studies (Barcelona)* • Qi Cui, *Center for Demographic Studies*

### **Two Decades of Fertility Fluctuation in the Great Britain**

Hill Kulu, *University of St Andrews* • Bernice Kuang, *University of Southampton* • Ann M. Berrington, *University of Southampton*

### **Structural change and childlessness in Southern and Eastern Europe: The role of women's education and celibacy**

Annalisa Donno, *University of Padova* • Maria Letizia Tanturri, *University of Padova*

### **Forward looking and fertility in Germany. A dyadic approach.**

DANIELA BELLANI, *University of Bologna* • Steffen Peters, *Rostock Center for the Study of Demographic Change* • Daniele Vignoli, *University of Florence*



## Session 110: COVID-19 and Fertility

Papers in this session offer fresh assessments of the COVID-19 pandemic impacts on fertility in different societies

**Time Slot:** 18:00 - 19:30 GMT

### **Scars from a Previous Epidemic among White and Black Women: Social Proximity to Zika and Fertility Intentions During the Covid-19 Pandemic**

Leticia J. Marteleto, *University of Texas at Austin* • Molly Dondero, *American University* • Andrew Koepp, *University of Texas at Austin*

### **COVID-19 and the Future of US Fertility: What Can We Learn from Google?**

Joshua K. Wilde, *Max Planck Institute for Demographic Research (MPIDR)* • Wei Chen, *Max Planck Institute for Demographic Research (MPIDR)* • Sophie Lohmann, *Max Planck Institute for Demographic Research (MPIDR)*

### **Fertility delay among married Singaporean women during Zika and COVID: roles of infection risk and uncertainty**

Poh Lin Tan, *National University of Singapore* • Joan Ryan, *University of Pennsylvania* • Jeremy Lim-Soh, *National University of Singapore*

### **Fertility Attitudes amid Successive Novel Infectious Disease Outbreaks**

Leticia J. Marteleto, *University of Texas at Austin* • Molly Dondero, *American University* • Alexandre Gori Maia, *Universidade Estadual de Campinas*

### **Boom or bust? Shifts in births and fertility rates across the highly developed countries during the COVID-19 pandemic**

Tomas Sobotka, *Vienna Institute of Demography* • Aiva Jasilioniene, *Max Planck Institute for Demographic Research* • Ainhoa Alustiza, *Max-Planck Institute for Demographic Research* • Krystof Zeman, *Vienna Institute of Demography* • Laszlo Nemeth, *Max Planck Institute for Demographic Research (MPIDR)* • Maria Winkler-Dworak, *Wittgenstein Centre (IASA, VID/ÖAW, WU)* • Dmitri A. Jdanov, *Max Planck Institute for Demographic Research / National Research University Higher School of Economics*

## Session 116: Fertility: Preferences and Intentions

Papers in this session examine fertility preferences in different parts of the world and their implications for low fertility.

**Time Slot:** 10:00 - 11:30 GMT

### **Fertility preferences in China in the 21st Century**

Rui Lu, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Anne H. Gauthier, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Gert Stulp, *University of Groningen*

### **Realization of short-term fertility intentions in a comparative perspective: Which macro-level conditions matter?**

Zsolt Speder, *Hungarian Demographic Research Institute, Budapest*

### **The effect of birth intention status on maternal and child outcomes in 59 low- and middle-income countries: A fixed effects analysis**

Heini Väisänen, *Ined / University of Southampton* • Ewa Batyra, *Max Planck Institute for Demographic Research (MPIDR)*

**Single mothers by choice? Trends in single mothers' socio-economic profiles and mode of conception in Belgium, 1991-2020**

Christine Schnor, *UCLouvain* • Luisa Fadel, *UCLouvain* • Diederik Boertien, *Centre d'Estudis Demogràfics (CED)*

**Socioeconomic development predicts a weaker contraceptive effect of breastfeeding**

Nicolas Todd, *Centre national de la recherche scientifique (CNRS)* • Mathias Lerch, *Ecole Polytechnique Fédérale De Lausanne (epfl-eth)*

## **Session 117 : Social Differences and Fertility**

Papers in this session examine links between social status (social class, urban-rural, educational) and fertility.

**Time Slot:** 4:00 - 5:30 GMT

**Educational Differentials on the Transition to First Birth in South Korea: Findings from the Korean Longitudinal Survey of Women and Families**

Jolene Tan, *Australian National University*

**Rural-urban fertility convergence, differential stopping behaviour, and contraceptive method mix in West Bengal, India: A spatio-temporal analysis**

KAKOLI DAS, *INSTITUTE OF DEVELOPMENT STUDIES KOLKATA (IDSK)* • Saswata Ghosh, *Institute of Development Studies Kolkata (IDSK)*

**Fertility differentials from rural/urban migration in Brazil: an analysis using cohort fertility**

Camila Soares, *Universidade Estadual de Campinas (UNICAMP)* • Everton E. C. Lima, *IFCH - UNICAMP* • Rosana Baeninger, *Universidade Estadual de Campinas (UNICAMP)*

**Why do women delay childbearing in Mumbai? An exploration into the reasons of delay**

Aishwarya Aishwarya, *International Institute for Population Sciences (IIPS)* • Perianayagam Arokiasamy, *International Institute for Population Sciences (IIPS)*

**First class, then culture: accounting for the historically low fertility among domestic workers in three Latin American countries**

Andrés Castro Torres, *Max Planck Institute for demographic Research* • Edith Y. Gutierrez-Vazquez, *University of Pennsylvania* • Tereza Bernardes, *University of Pennsylvania*

## **Session 118: Social Differences and Fertility (II)**

Papers in the session focus on social differences (gender, employment, wealth, immigration) and fertility

**Time Slot:** 20:00 - 21:30 GMT

**Fertility Intentions vs. Gender Equity in the Family: A Micro Analysis of the Association in Developed Countries and Brazil**

Victor Leocádio, *Universidade Federal de Minas Gerais (UFMG)* • Ana Paula Verona, *Universidade Federal de Minas Gerais (UFMG)* • Simone Wajnman, *Cedeplar, UFMG*

**Why do jobless children of migrants more often become parents than jobless non-migrants? On the importance of limited opportunities and the normalization of disadvantage**

Daniël van Wijk, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Helga A. G. de Valk, *Netherlands Interdisciplinary Demographic Institute (NIDI) / KNAW/ University of Groningen* • Aart C. Liefbroer, *Netherlands Interdisciplinary Demographic Institute (NIDI)*

**Wealth and the fertility intention-behavior link in China**

Chenyao Zhang, *Ohio State University*

**Fertility and job uncertainty: the case of the Italian couples 2012-20**

Gianpiero Dalla Zuanna, *University of Padova* • Rachele Brocco, *Dept. of Statistical Sciences, University of Padova, Italy* • Carlo Paolin, *Dept. of Statistical Sciences, University of Padova, Italy*

**A Macro-level Analysis of Non-nationals' Fertility Response to the Great Recession in Italy**

Thaïs García Pereiro, *Università degli Studi di Bari "Aldo Moro"* • Anna Paterno, *Università degli Studi di Bari*

**Session 119: Social Differences and Fertility (III)**

Papers in this session examine fertility differences associated with women's age, education, and marital status in different societies

**Time Slot:** 22:00 - 23:30 GMT

**The diversity of fertility trends in Mexico. A theoretical challenge.**

Olinca Pérez, *Inegi* • Maria Eugenia Cosío Zavala, *El Colegio de México*

**Women's Education, Marriage, and Fertility: Evidence from Thailand's Compulsory Schooling Law**

Pallavi Panda, *State University of New York, Geneseo (SUNY)* • Pasita Chaijaroen, *Vidyasirimedhi Institute of Science and Technology*

**The Changing Process of China's Fertility Level from an International Perspective: Based on Research of Fertility Age Pattern**

Zhen Guo, *Huazhong University of Science and Technology* • Sha Jiang, *Stanford University*

**Polygamy in West and Central African Countries: Implications for Fertility Intentions and Family Planning**

Charlotte Greenbaum, *Population Reference Bureau (PRB)* • Deborah Bitire, *Population Reference Bureau* • Roch Millogo, *Université de Ouagadougou*

**Trends in under-15 fertility in the developing world since the 1960s**

Bruno D. Schoumaker, *Université catholique de Louvain (UCL)*

**Session 120: Pandemics, Health, and Fertility**

Papers in this session focus on the impact of social and health crises on fertility

**Time Slot:** 12:00 - 13:30 GMT

**The impact of the Covid pandemic on natality and fertility in France**

Sandra Brée, *Centre national de la recherche scientifique (CNRS)* • Didier Breton, *Université de Strasbourg and Institut National d'Études Démographiques (INED)*

**Fertility and Child Well-being in sub-Saharan Africa**

Uchenna Efobi, *Covenant University* • Joseph Ajefu, *Northumbria University*

**Effects of the Haiti 2010 Earthquake on Fertility**

Hilde Orderud, *European University Institute* • Juho Härkönen, *European University Institute*

**Fertility Trends in Sub-Saharan Africa: Has HIV contributed to Fertility Stalls?**

David Sánchez Páez, *Université Catholique de Louvain* • Bruno D. Schoumaker, *Université catholique de Louvain (UCL)*

**Early Assessment of the Impact of the COVID-19 Pandemic on Births in High-Income Countries**

Arnstein Aassve, *Bocconi University* • Nicolò Cavalli, *Carlo F. Dondena Centre for Research on Social Dynamics and Public Policy, Università Commerciale Luigi Bocconi* • Letizia Mencarini, *Bocconi University, Milan, Italy* • Seth Sanders, *Department of Economics, Cornell University*

## **Session 121: Timing and Childbearing**

Papers in this session focus on causes and effects of delayed childbearing on fertility

**Time Slot:** 12:00 - 13:30 GMT

**Re-partnering and fertility**

Chiara Pronzato, *University of Turin & CCA* • Francesca Luppi, *Università Cattolica del Sacro Cuore* • Matteo Migheli

**Three Decades of Lowest-low Fertility in Spain, 1991-2018**

Albert Esteve, *Center for Demographic Studies (Barcelona)* • Mariona Lozano, *CED, Centre for Demographic Studies* • Diederik Boertien, *Centre d'Estudis Demogràfics (CED)* • Qi Cui, *Center for Demographic Studies* • Ryohei Mogi, *Centre for Demographic Studies*

**How Much Time Is Left? Trends in Parental Lifespan Around the World**

Erich Striessnig, *University of Vienna* • Alessandra Trimarchi, *Institut National d'Études Démographiques (INED)*

**Intergenerational transmission of fertility in the UK: A parity-specific investigation using the 1970 British Cohort Study**

Katherine Keenan, *University of St Andrews* • Julia Mikolai, *University of St Andrews* • Rebecca King, *University of St Andrews*

**The transition toward super late motherhood or childlessness. The Spanish case**

Chiara Dello Iacono, *Universidad de Salamanca* • Jesús García Gómez, *Universidad de Salamanca* • Mikolaj Stanek Baranowski, *University of Salamanca*

## Session 122 Technology, Work, and Fertility

Papers in this session focus on the roles of reproductive technologies, health facilities, and work in fertility differences

**Time Slot:** 12:00 - 13:30 GMT

### **An assessment of Availability and Accessibility factors at Urban Primary Health Centres for Maternal Care: Insights from a field study**

Sunanda Mishra, *Population Research Centre* • manoj agarwal, *University of Lucknow*

### **Nonstandard working hours and fertility in France**

Anne Lambert, *Institut National d'Études Démographiques (INED)* • Marion Segu, *Institut national d'études démographiques*

### **Estimating the contribution of assisted reproductive technology (ART) to completed cohort fertility.**

Ester Lazzari, *Australian National University* • Michaela Potancoková, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)* • Tomas Sobotka, *Vienna Institute of Demography*

### **Peaks in twin births? An international comparison of trends in twinning rates in 30 developed countries**

Gilles Pison, *Muséum National D'histoire Naturelle* • Catalina Torres, *Muséum National D'histoire Naturelle* • Christiaan W. S. Monden, *University of Oxford* • Jeroen Smits, *Radboud Universiteit Nijmegen*

### **Both Children and Work? Labour Market Conditions, Long Work Hours and Birth Transitions in South Korea**

Rachel Ganly, *Hong Kong University of Science and Technology*

## Session 124: Spatial and Social Patterns of Fertility

Papers in this session examine fertility differences by regions and by social differences (such as education and son preference).

**Time Slot:** 8:00 - 9:30 GMT

### **Female Early Marriage and Son Preference in Pakistan**

Rashid Javed, *University of Pau and Pays de l'Adour* • Mazhar Mughal, *Pau Business School*

### **Spatial Patterns and Associations of Lowest-low Fertility in India: Childlessness and Single Childness.**

Koyel Sarkar, *Universite catholique de Louvain (UCL)* • Christophe Z. Guilmoto, *Institut de Recherche pour le Développement (IRD)*

### **Education and urban-rural differentials in fertility in developing countries – does residence matter?**

Saroja Adhikari, *International Institute of Applied System Analysis* • Samir KC, *IIASA* • Michaela Potancokova, *International Institute for Applied Systems Analysis (IIASA)*

### **Fertility in Italian regions: analysis and estimation of cohort indicators**

Sara Miccoli, *Sapienza University of Rome*

### **How does childcare affect female labour force participation? Evidence from Albania**

Andrea Cinque, *Université Paris 1 Panthéon-Sorbonne* • Cecilia Poggi, *Agence Française de Développement*

**Is son preference increasing or decreasing in Viet Nam? Lessons from the 2009 and 2019 censuses**

Valentine Becquet, *INED* • Christophe Z. Guilmoto, *Institut de Recherche pour le Développement (IRD)*

**Session 125: Economy, Education, and Fertility**

Papers in this session examine fertility changes associated with economy and education

**Time Slot:** 14:00 - 15:30 GMT

**The impact of education on fertility during the Chinese Reform Era**

Pau Baizan-Munoz, *Universitat Pompeu Fabra and ICREA* • Wanli Nie, *UCLouvain*

**COLLEGE EDUCATION AND FERTILITY: THE ROLE OF EDUCATION EXPANSION FOR BEHAVIOR CHANGE**

Bruna Firmino, *CEDEPLAR / UFMG* • Raquel Coutinho, *CEDEPLAR - Universidade Federal de Minas Gerais*

**Examining strength of future fertility preferences: A longitudinal study in Kenya and Bangladesh**

Kazuyo Machiyama, *London School of Hygiene & Tropical Medicine* • Joyce N. Mumah, *IPPF* • Fauzia Akhter Huda, *Icddr,b* • George Odwe, *Population Council* • Yohannes Dibaba Wado, *African Population and Health Research Center (APHRC)* • Francis Obare, *Population Council* • John B. Casterline, *Ohio State University* • John G. Cleland, *London School of Hygiene and Tropical Medicine (LSHTM)*

**Media narratives of the economy and fertility**

Raffaele Guetto, *University of Florence* • Maria Francesca Morabito, *University of Florence* • Daniele Vignoli, *University of Florence* • Matthias Vollbracht, *Media Tenor International AG*

**Why is Nigeria exceptional? A comparative perspective on Nigeria's fertility trends**

Aisha Dasgupta, *UK Foreign Commonwealth and Development Office* • Philipp Ueffing, *United Nations Population Division* • Mark Wheldon, *United Nations Population Division* • Vladimira Kantorova, *United Nations*

**Theme 2: Older Adults and Intergenerational Relations – Jane Falkingham**

**Session 201 Intergenerational relations, living arrangements and COVID-19**

How were intergenerational relations and the living arrangements of older people affected during the COVID-19 pandemic? And what role did changes in intergenerational contacts during the pandemic play in fueling or mitigating the spread of COVID-19? This session brings together four papers examining different aspects of the link between COVID-19 and intergenerational relations over the past 18 months.

**Time Slot:** 16:00 - 17:30 GMT

**Changing living arrangements and stress during Covid-19 lockdown: Evidence from four birth cohorts in the UK**

Maria Evandrou, *University of Southampton* • Jane C. Falkingham, *University of Southampton* • Min Qin, *ESRC Centre for Population Change, University of Southampton* • Athina Vlachantoni, *University of Southampton*

**Better off alone? Living arrangements and COVID-19 among older Brazilians**

Flavia Andrade, *University of Illinois at Urbana-Champaign* • Nekehia T. Quashie, *Chulalongkorn University* • Luisa Schwartzman, *University of Wisconsin-Madison*

**Intergenerational contacts and COVID-19 infection during the pandemic. Evidence from SHARE data.**

Damiano Uccheddu, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Ester L. Rizzi, *Université Catholique de Louvain*

**Intergenerational co-residence and social contacts during the first wave of the COVID-19 pandemic in Europe: Evidence from a multicountry survey**

Emanuele Del Fava, *Max Planck Institute for Demographic Research (MPIDR)* • André Grow, *University of Leuven (KU Leuven)* • Perrotta Daniela, *Max Planck Institute for Demographic Research* • Emilio Zagheni, *Max Planck Institute for demographic Research*

## **Session 202: Gender, Care and Health**

This session brings together papers examining intergenerational support, how caregiving is affected by the gender of adult children and how this in turn is impacting upon gender preference, life satisfaction and well-being. Three papers each investigating a different dimension of this complex relationship in different settings within Asia are complemented by a paper from the UK exploring whether caregiving itself is bad for health.

**Time Slot:** 20:00 - 21:30 GMT

**“Not a bowl of rice, but tender loving care”: From aborting girls to preferring daughters in South Korea**

Monica Das Gupta, *University of Maryland* • Heeran Chun, *Jungwon University*

**Is caregiving bad for health? Trajectories of health and well-being among UK caregivers for parents or parents in law taking account of initial health status**

Pilar Zuera, *University of Essex* • Emily Grundy, *University of Essex*

**“Blessed with only daughters”: Gender composition of children and life satisfaction among the elderly in India**

Isha Bhatnagar, *Cornell University*

**The Feminization of Migration and Mental Health of Older Parents Left Behind: Evidence from Indonesia**

Sneha Kumar, *Cornell University*

## **Session 203: Paid and unpaid "work" including grandparental care and well-being**

Older people engage in a variety of economic and social roles with implications for both their own and their wider kin's well-being. This session brings together papers examining various dimensions of the complex relationship between work, care and well-being

**Time Slot:** 12:00 - 13:30 GMT

**The effect of grandchild care on older people's cognitive functioning: Does it matter what grandparents and grandchildren do together?**

Valeria Bordone, *University of Vienna* • Bruno Arpino, *University of Florence* • Giorgio Di Gessa, *University College London*

**Grandfathers important for children's schooling in sub-Saharan Africa**

Sandor Schrijner, *Radboud University Nijmegen* • Jeroen Smits, *Radboud Universiteit Nijmegen*

**Employment status and life satisfaction among Indian elderly: From a gender perspective**

Priya Maurya, *International Institute for Population Sciences (IIPS)*

**Retired but not tired: Unravelling the nexus between involvement in post-retirement activities and quality of life in Osun state, Nigeria**

John Abe, *Obafemi Awolowo University, Ile-Ife* • Akanni I. Akinyemi, *Obafemi Awolowo University, Ile-Ife* • Amos O. Oyedokun, *Obafemi Awolowo University*

**Session 204: Older adults and intergenerational relations**

This session brings together four papers examining key topics in this Theme

**Time Slot:** 8:00 - 9:30 GMT

**The impact of the 2008 global financial crisis on the mental health of retirees in 15 European countries**

Lara Bister, *University Of Groningen* • Fanny Janssen, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen* • Tobias C. Vogt, *MPI for Demographic Research*

**Stalled revolution or unwavering parent-child bonds? Parental roles in marriage decisions**

Shu Hu, *Singapore University of Social Sciences* • Xiaorong Gu

**Internet use and contacts with children among older Europeans**

Bruno Arpino, *University of Florence*

**Childlessness and Economic Well-being among Older Persons in Thailand**

Bussarawan Teerawichitchainan, *National University of Singapore* • Timothy Low, *National University of Singapore* • Eugene Tan, *National University of Singapore*

**Theme 3: Gender – Zeba Sathar**

**Session 301: Societal impacts of Sex Selection Behaviour**

Preference for children by gender leads to a range of behaviours such as prenatal sex selection and changing reproductive intentions on the part of parents. Importantly, it leads to skewed sex structures with far-reaching outcomes such as shortages of spousal partners.

**Time Slot:** 8:00 - 9:30 GMT

**The Seen and the Unseen: Impact of a Conditional Cash Transfer Program on Prenatal Sex Selection**



Sayali Javadekar, *Université de Genève* • Kritika Saxena, *IHIED*

**Why should sex selection ultimately decline?**

Christophe Z. Guilmoto, *Institut de Recherche pour le Développement (IRD)* • Laura Rahm, *Universitat de Barcelona*

**How Missing Men Lead to Missing Women: Revising Natural Sex Ratios at Birth for the Fragile Male**

Joshua K. Wilde, *Max Planck Institute for Demographic Research (MPIDR)*

## **Session 302: Impact of COVID-19 on Gender Relations**

Covid-19 has altered lives, families, and work patterns across the world. It has influenced gender roles, forcing many women and men to take on additional roles in work and childrearing. Long term impacts will extend to living arrangements, labour market and will most likely alter gender relations far beyond the pandemic.

**Time Slot:** 10:00 - 11:30 GMT

**Care work during Covid-19: Impacts on women's wellbeing in the Middle East and North Africa**

Maia Sieverding, *American University of Beirut* • Caroline Krafft, *St. Catherine University* • Irene N. Selwaness, *Cairo University*

**Health impacts of the COVID-19 Pandemic: Experiences of the trans-feminine community from Delhi, India**

Ankita Chakrabarti, *Jawaharlal Nehru University*

**Occupational Work context and the implications of COVID-19 for Gender Inequality in the South African Labour Market**

Jacqueline Mosomi, *University of Cape Town* • Amy Thornton, *University of Cape Town* • Nicola Branson, *University of Cape Town*

**Gendered Impact of COVID-19 on Unpaid Care Work and Time Use of Women from a Rural Community in India**

Kakoli Borkotoky, *Icrw* • Prerna Kumar, *International Center for Research On Women (ICRW)*

**Change and stability at home: Professional women negotiating care work during the COVID-19 pandemic in India**

Ieva Zumbyte, *Brown University*

## **Session 303: Gender-Based Sexual Violence**

Intimate partner relations and gender violence across high-risk groups are rising across the world. An extreme form of violence against females within families is Female genital cutting. Collectively the evidence points to and explores reasons for the disproportionate risks of violence for younger women, transsexuals and pregnant women.

**Time Slot:** 14:00 - 15:30 GMT

**Safer if connected? Mobile technology and intimate partner violence**

Luca Maria Pesando, *McGill University* • Valentina Rotondi, *University of Applied Sciences and Arts of Southern Switzerland*

## **VULNERABILITIES AND STRENGTHS OF MEXICAN HOMOSEXUAL ADOLESCENTS FACING THE RISK OF DATING VIOLENCE**

Irene Casique Rodríguez, *Universidad Nacional Autónoma de México*

### **Intimate partner violence during pregnancy as impacted by COVID-19: mixed-methods from a national cohort of recently pregnant Ethiopian women**

Shannon Wood, *Johns Hopkins Bloomberg School of Public Health* • Robel Yirgu, *Addis Ababa University School of Public Health* • Abigiya Wondimagegnehu, *Addis Ababa University School of Public Health* • Jiage Qian, *Johns Hopkins Bloomberg School of Public Health* • Rachel Milkovich, *Johns Hopkins Bloomberg School of Public Health* • Michele Decker, *Johns Hopkins University* • Nancy Glass, *Johns Hopkins School of Nursing* • Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health*

### **Understanding adolescents' perspectives on street harassment in Kathmandu, Nepal: Mixed methods results using video vignettes**

Deborah Levison, *University of Minnesota* • Binu Sharma, *unaffiliated* • Anna Bolgrien, *University of Minnesota*

### **Spatial Clustering in Temporal Trends of Female Genital Mutilation Risk: Leveraging sparse data in Ethiopia, Kenya and Somalia**

Kathrin Weny, *United Nations Population Fund (UNFPA)* • Romesh Silva, *United Nations Population Fund* • Rachel Snow, *United Nations Population Fund (UNFPA)*

## **Session 304: Female empowerment, Fertility and Sexual Violence**

Research continues to evolve on the relationship between female empowerment and sexual and reproductive outcomes. The relationship between empowerment and fertility remains of integral interest. The field has expanded to exploring empowerment related to sexual violence especially within partnerships.

**Time Slot:** 12:00 - 13:30 GMT

### **Why do men justify violence? Evidence from India with special reference to Microfinance**

Debashree Sinha, *International Institute for Population Sciences (IIPS)* • Pradeep Kumar, *International Institute for Population Sciences (IIPS)* • Aparajita Chattopadhyay, *International Institute for Population Sciences (IIPS)*

### **Does young women's empowerment influence fertility intentions?**

Kerry MacQuarrie, *The DHS Program (Avenir Health)*

### **Self-esteem and control over resources are positively associated with reporting of intimate partner violence among married with: Evidence from a cross-sectional survey in rural Uttar Pradesh, India**

JALEEL AHMAD, *Population Council* • Avishek Hazra, *Population Council*

### **The Gender of Gender Equality: Implications for Fertility**

Samuel Plach, *Carlo F. Dondeña Centre for Research on Social Dynamics and Public Policy, Università Commerciale Luigi Bocconi* • Arnstein Aassve, *Bocconi University* • Mary Brinton, *Harvard University* • Letizia Mencarini, *Bocconi University, Milan, Italy*

## Session 305: Post-Shock Gender Dynamics

Economic, political, and health shocks tend to shift gender roles and responsibilities, but do not necessarily lead to improvements in gender equality. Covid-19 is the most recent of these new health realities, but major political events lead to social upheaval and change.

**Time Slot:** 12:00 - 13:30 GMT

### **Care and domestic work in the context of Covid-19 pandemic in Brazil**

Mariana Almeida, *CEDEPLAR / UFMG* • Simone Wajnman, *Cedeplar, UFMG* • Nadya Guimarães, *Universidade de São Paulo (USP)* • Fátima Guerra, *Departamento Intersindical de Estatística e Estudos Socioeconômicos (Dieese)* • Anna Araujo, *Universidade de São Paulo (USP)*

### **The Arab Spring, A Setback for Gender Equality? Evidence from the Gallup World Poll**

Robert Rudolf, *Korea University* • Shun Wang, *KDI School of Public Policy and Management* • Fengyu Wu, *Eudaimonia Institute, Wake Forest University*

### **Gender differences in domestic work during COVID 19 in Uruguay**

Florencia Amábile, *Faculty of Social Sciences, Universidad de la República* • Marisa Bucheli, *Universidad de la Republica* • Cecilia González, *Universidad de la República, Uruguay* • María MCL Lara, *Facultad de Ciencias Sociales Universidad de la República, Uruguay*

### **A shock is not enough. The persistence of gender inequality in childcare among Italian couples during the Great Recession**

Annalisa Donno, *University of Padova* • Maria Letizia Tanturri, *University of Padova*

## Session 306: Gender Differences through the Life Course

Starting from birth, infancy, and into middle and into old ages, gender value systems define different life chances for each gender. This affects a range of outcomes like nutrition, survival, and health care along with leisure and work across the life cycle.

**Time Slot:** 8:00 - 9:30 GMT

### **Early Female Marriage and Sex Differentials in Child Healthcare and Nutrition**

Rashid Javed, *University of Pau and Pays de l'Adour* • Mazhar Mughal, *Pau Business School*

### **Analysing contributions of ages and causes of death to gender gap in life expectancy using functional data analysis**

Alessandro Feraldi, *Sapienza Università di Roma* • Virginia Zarulli, *University of Southern Denmark - Interdisciplinary Center on Population Dynamics* • Stefano Mazzuco, *University of Padova* • Cristina Giudici, *Università di Roma "La Sapienza"*

### **Gender, work, and leisure in old ages in China and India**

Shu Hu, *Singapore University of Social Sciences* • Dhiman Das, *George Mason University*

### **Exploring Mother-Daughter Relationships and Mothers' Aspirations for their Adolescent Daughters: Early Evidence from Umang Project in Rural Jharkhand**

Pooja Kini, *Project Concern International India* • Dr. Sudipta Mondal, *PCI India* • Sushmita Mukherjee, *PCI India*

### **Gender differentials in food consumption and dietary diversity among Indian adults and couples**

Preeti Dhillon, *International Institute for Population Sciences (IIPS)* • Kabita Khatun, *International Institute for Population Sciences, Mumbai*

### **Session 307: Gendered impacts of migration and squatter living**

Rapid migration and displacement are widespread in the developing world when people move due to economic and other reasons. These shifts in residence can have impacts extending from mental to physical health, fertility, work patterns, and domestic violence. A range of gender dynamics is triggered by moving from places of origin to informal settlements.

**Time Slot:** 6:00 - 7:30 GMT

#### **Patterns of subjective well-being (dis-)advantages in Belarus: the intersectionality of partnership, parenthood, gender, and migration**

Vytenis Juozas Deimantas, *Università Bocconi*

#### **Economic abuse and its associations with symptoms of common mental disorders among women in a cross-sectional survey in informal settlements in Mumbai, India**

Suman Kanougiya, *Tata Institute of Social Sciences (TISS)* • Nayreen Daruwalla, *Society for Nutrition, Education & Health Action (SNEHA), Mumbai India* • Lu Gram, *Institute for Global Health, University College London, London WC1N 1EH, UK* • Apoorwa Gupta, *Society for Nutrition, Education & Health Action (SNEHA), Mumbai India* • Sivakami Muthusamy, *Tata Institute of Social Sciences (TISS)* • David Osrin, *University College London*

#### **Coercive control and its associations with domestic violence and common mental disorders in a cross-sectional survey in informal settlements in Mumbai, India**

Suman Kanougiya, *Tata Institute of Social Sciences (TISS)* • Nayreen Daruwalla, *Society for Nutrition, Education & Health Action (SNEHA), Mumbai India* • Lu Gram, *Institute for Global Health, University College London, London WC1N 1EH, UK* • Sivakami Muthusamy, *Tata Institute of Social Sciences (TISS)* • David Osrin, *University College London*

#### **Migrants and Waste: A Gendered Analysis of Work, Identity and Precarity in Urban Slums of Lucknow, Uttar Pradesh, India**

Roli Misra, *University of Lucknow* • Nidhi Tewari, *TISS Mumbai*

### **Session 308: Gender Inequalities -Drivers and impacts**

Most research studies gender inequalities but do not examine their fundamental drivers and correlates. This session brings together a variety of drivers and impacts factors such as relative income, household hierarchies, and the most recent outfall of COVID-19

**Time Slot:** 16:00 - 17:30 GMT

#### **The Impact of Income and Socioeconomic Characteristics on Education: A Gender Differences Analysis**

Humaira Kamal Pasha, *Universite Clermont Auvergne Clermont-Ferrand France*

#### **The impact of the COVID-19 pandemic on gender inequality in Africa**

Holly E. Reed, *CUNY Institute for Demographic Research*

#### **Intersecting hierarchies: Individual and societal correlates of women's autonomy within household**

Dhiman Das, *George Mason University* • Sonalde B. Desai, *India Human Development Survey*

**Revolving door effect in the media: New cohort method reveals a dual job market for actors and actresses**

Mathieu Arbogast, *Centre national de la recherche scientifique (CNRS)*

**Gender Display in Marriage Revisited: Female's Relative Income and Transition into Motherhood**

Wenhao Jiang, *New York University*

## **Session 309: Persisting Preferences for Sons**

Gender preferences for children are found across societies with varying drivers and consequences

**Time Slot:** 8:00 - 9:30 GMT

**Trends and pattern in excess female under-5 mortality in India**

Vandana Tamrakar, *Jawaharlal Nehru University* • Nandita Saikia, *Jawaharlal Nehru University*

**The role of the previous offspring's sex composition in the transition to the third child among Indian mothers born between 1966-1985**

Eleonora Trappolini, *University of Milan-Bicocca* • Patrizia Farina, *University Milan Bicocca* • Laura Terzera, *Università degli Studi di Milano - Bicocca*

**Fille ou garçon ? Préférences des mères et des pères pour le sexe de l'enfant à naître en France**

Olivia Samuel, *Université de Versailles St Quentin* • Carole Brugeilles, *Université de Paris X, Nanterre*

**Son Preference in India: Trends, patterns and determinants**

Vineet Kumar, *Banaras Hindu University* • Kaushalendra K. Singh, *Banaras Hindu University*

## **Theme 4: Culture, Ethnicity, Race, Religion and Language – Alaka Basu**

### **Session 401: Us vs Them: Cultural Assimilation and Anxieties in the Modern World**

Thanks to the growing ease of physical and (especially) virtual communication, immigrants today are both more able to retain their cultural baggage as well as paradoxically less dependent on this cultural baggage. The papers in this session explore how they handle these contradictions; how willing and able they are to assimilate in the multicultural environments that their arrival creates and how they negotiate the connections between their past and their present. The other side of these emerging multicultural societies, the attitudes and anxieties of those who came first, also condition the immigrant or minority experience and this session looks at the role of the state as well as of 'native' citizen groups as facilitators of or impediments to peaceful or happy co-existence.

**Time Slot:** 14:00 - 15:30 GMT

**The role of migration in shaping cultural proximity across countries: Evidence from Facebook data on national cuisines**

Carolina Vieira, *Max Planck Institute for Demographic Research (MPIDR)* • Sophie Lohmann, *Max Planck Institute for Demographic Research (MPIDR)* • Emilio Zagheni, *Max Planck Institute for demographic Research*

**EU-15 Immigrants Language Integration on Twitter**

Gil Clavel Beatriz Sofia, *Max Planck Institute for demographic Research* • André Grow, *University of Leuven (KU Leuven)* • Maarten J. Bijlsma, *Max Planck Institute for Demographic Research*

**Using Twitter to maintain and strengthen cultural identity: A case study of the young Sierra Leonean diaspora**

Danita Hingston, *University of KwaZulu-Natal*

**Demographic language in alt-right communities on Reddit**

Heather McBrien, *University of Toronto* • Diego Alburez, *Max Planck Institute for Demographic Research*

**Immigrants' socio-cultural integration trajectories in Quebec**

Yao Robert Djogbenou, *Département de Démographie, Université de Montréal* • Vissého Adjikanou, *Université Du Québec à Montréal* • Solène Lardoux, *Université de Montréal*

**Session 402: Ethnicity, Religion and Tribe: Sociocultural Influences on Demographic Behavior**

This session tries to disentangle cultural differences in demographic behaviors related to marriage, fertility, health and health care. When do these differences arise from differing cultural practices? When are they reflections of minority status? And when do they stand in for economic and social vulnerability? Are cultural and religious identities sometimes protective? For example, could they make it easier to cope with Covid? Or could consanguinity increase marital satisfaction? 'Culture' is a mix of many things and there are no clear win-win connections between cultural identity and 'good' demographic outcomes.

**Time Slot:** 4:00 - 5:30 GMT

**Social cohesion among immigrants during COVID-19**

James O'Donnell, *Australian National University*

**Association between consanguinity and marital satisfaction: Insights from a cross sectional study in India**

Atreyee Sinha, *International Union Against Tuberculosis And Lung Disease*

**Minority-Majority Religious Group Differences in Fertility: A Propensity Score Matching Approach Applied to South Asia**

Saman Naz, *The Pennsylvania State University* • Mary K. Shenk, *University of Missouri at Columbia*

**Sociocultural risk factors of birth size of child in ethnically homogenous tribal population in India**

Rahul Bawankule, *International Institute for Population Sciences (IIPS)*

**Rapidly rising Caesarean deliveries among the Scheduled Tribes of South India: An emerging public health crisis?**

## Theme 5: Sexual and Reproductive Health and Rights - Ilene Speizer

### Session 501: Empowerment and Equity in Sexual and Reproductive Health Care Services

This session examines issues related to women's empowerment and sexual and reproductive health outcomes, including use of health care services.

**Time Slot:** 4:00 - 5:30 GMT

**Maternal sexual empowerment and sexual and reproductive outcomes among female adolescents: Evidence from a cross-sectional study in Ecuador**

Luis Quijano-Ruiz, *Ecuadorian Development Research Lab* • Marco Antonio Haro, *Pennsylvania State University*

**Young women's access to safe abortion and contraception in Nepal – the effect of socio-economic background, caste/ ethnicity and abortion facility access**

Yagya Karki, *Population, Health and Development (PHD) Group*

**Association of women's empowerment with reproductive and maternal health practices: Evidence from a cross-sectional study with women self-help group members in rural India**

Supriya Verma, *Population Council* • Avishek Hazra, *Population Council* • Laili Irani

**Effect of behavior change communication through women's groups on maternal health care practices in rural India: A hierarchical modeling approach**

Raj Kumar Verma, *Population Council, India*

### Session 502: Maternal Health Care and Associated Needs

This session examines women's maternal health care needs throughout the reproductive lifecourse.

**Time Slot:** 6:00 - 7:30 GMT

**A multilevel analysis of the predictors of access to Caesarean Section services among women who deliver from institutionalized facilities in Uganda**

Henry Nsobya, *Uganda Development and Health Associates* • Elizabeth Nansubuga, *Makerere University*

**Utilization and determinants of Full Antenatal Care among Tribal mothers of India: A multilevel analysis based on NFHS-4**

Sourav Chowdhury, *Banaras Hindu University*

**Quality of Maternal Health Care at the Public Health Facilities in India: Does Clients Background and Structural Attributes in Facilities Matter?**

Vinod Joseph K J, *international Institute for Population Sciences*

**Prevalence and Correlates of Infertility among Rural Women in India- A Mixed-Method Approach**

## **Session 503: Pregnancy Intentions and Life Planning among Women, Men and Adolescents**

This session examines women, men, and adolescents pregnancy intentions and timing of pregnancy decision-making across different study contexts.

**Time Slot:** 18:00 - 19:30 GMT

### **Country-level patterns in unintended pregnancy and abortion 2015–2019: a description of country-specific estimates from a Bayesian hierarchical model**

Jonathan Bearak, *Guttmacher* • Anna Popinchalk, *Guttmacher Institute* • Cynthia Beavin • Bela Ganatra, *WHO* • Ann-Beth Moller, *World Health Organization (WHO)* • Özge Tunçalp, *World Health Organization* • Leontine Alkema, *University of Massachusetts Amherst*

### **DO UNINTENDED BIRTHS INFLUENCE READINESS FOR FUTURE USE OF MODERN CONTRACEPTION AMONG WOMEN IN MEXICO?**

Fatima Juarez, *El Colegio de Mexico* • Cecilia Gayet, *Facultad Latinoamericana de Ciencias Sociales (FLACSO)*

### **Environnement familial et entrée en sexualité des adolescentes en Côte D'Ivoire**

Zie Coulibaly, *Institut de Formation et de Recherche Démographiques (IFORD)*

### **"If I am ready": Exploring the relationships between masculinities, reproductive life-courses, and pregnancy supportability among men**

Joe Strong, *London School of Economics and Political Science (LSE)*

## **Session 504: Sexual and Reproductive Health of Adolescents and Youth in sub-Saharan Africa**

This session examines sexual and reproductive health issues of adolescents in varying sub-Saharan African contexts.

**Time Slot:** 8:00 - 9:30 GMT

### **Experiences of teachers and community health workers implementing sexuality and life skills education in youth clubs in Zambia**

Malizgani Chavula, *University Of Zambia* • Joseph Zulu, *University of Zambia, P O Box 50110 Lusaka, Zambia.* • Joar Svanemyr, *University of Bergen, Bergen, Norway* • Ingvild Sandøy, *University of Bergen*

### **La vulnérabilité des adolescents et jeunes en matière d'accès aux produits et services de santé sexuelle et reproductive à Bujumbura (Burundi)**

Charles Emmanuel MOUTE NYOKON, *Bureau Central des recensements et des Etudes de Population (BUCREP)* • Gervais Beninguisse, *Institut de Formation et de Recherche Démographiques (IFORD)* • Pierre de Beaudrap, *Centre Francais sur la Population et le Developpement (CEPED)* • Lilie Carolle Dongmo Temgoua, *Institut de Formation en Recherche Démographique* • Nsabimana Loïc, *IFORD*

### **Female Genital Mutilation/Cutting in the Central African Republic: A demographic perspective**



José Antonio Ortega, *Universidad de Salamanca, Spain*

**Sexual and reproductive health and rights challenges of adolescents and young women in an IDP camp in Nigeria**

Michael Kunnuji, *University of Lagos* • Heather Marlow, *International Center for Research on Women* • Adenike Esiet, *Action Health Incorporated* • Funsho Bukoye, *Action Health Incorporated* • Chimaraoke Izugbara, *International Center for Research on Women*

**Session 505: Measurement Issues in Sexual and Reproductive Health Research**

This session explores different strategies for measuring key sexual and reproductive health outcomes.

**Time Slot:** 10:00 - 11:30 GMT

**How interviewers affect responses to sensitive questions on the justification for wife beating and refusal to have conjugal sex, and domestic violence in India**

Abhishek Singh, *International Institute for Population Sciences (IIPS)* • Kaushalendra Kumar, *International Institute for Population Sciences (IIPS)* • Fred Arnold, *ICF International*

**Interviewer effects on abortion reporting: a multilevel analysis of household survey responses in Côte d'Ivoire, Nigeria and Rajasthan, India**

Katy Footman, *LSE*

**A Review of Geospatial Methods for Population Estimation and their use in constructing Reproductive, Maternal, Newborn, Child and Adolescent Health Service Indicators**

Kristine Nilsen, *University of Southampton* • Natalia Tejedor, *University of Southampton* • Douglas R Leasure, *University of Southampton* • Chigozie E Utazi, *School of Geography and Environmental Science, University of Southampton* • Corrine Ruktanonchai, *Virginia Tech* • Adelle Wigley, *University of Southampton* • Claire A. Dooley, *London School of Hygiene and Tropical Medicine* • Zoe Matthews, *University of Southampton* • Andrew J. Tatem, *University of Southampton*

**Exploring the relationship between quantified abortion stigma and abortion reporting in two demographic surveillance sites**

Onikepe Owolabi, *Guttmacher Institute* • Clementine Rossier, *University of Geneva* • Moussa Zan, *University of Geneva* • Ramatou Ouedraogo, *African Population and Health Research Center (APHRC)* • Rachidatou Compaore, *Institut de Recherche en Sciences de la Santé* • Caron Kim, *World Health Organization* • Martin Bangha, *African Population and Health Research Center (APHRC)* • Seni Kouanda, *Institut de Recherche en Sciences de la Santé (IRSS)* • Adama Baguiya, *Institut de Recherche en Sciences de la Santé* • Clement Oduor, *African Population and Health Research Center (APHRC)* • Sherine Athero, *African Population and Health Research Center (APHRC)* • Vincent Bagnoa, *ISSP* • Bela Ganatra, *WHO*

**Session 506: Men as Part of the Sexual and Reproductive Health Equation**

This session provides perspectives from men on their involvement in different sexual and reproductive health areas.

**Time Slot:** 12:00 - 13:30 GMT

**“We will die having sex” – perspectives on sex, sexuality and HIV among older adults**

Makandwe Nyirenda, *South African Medical Research Council, Burden Of Disease Unit* • Sizakele Sukazi, *South African Medical Research Council* • Cebo Buthelezi, *South African Medical Research Council* • Jill Hanass-Hancock, *South African Medical Research Council*

**Women's autonomy and men's concerns regarding contraception: exploring men's experiences with Progesterone Vaginal Ring in three sub-Saharan African countries**

Francis Obare, *Population Council* • Fatou Mbow, *Population Council* • Saumya Ramarao, *Population Council* • Avishek Hazra, *Population Council*

**What emerging adults are saying about sexual and reproductive health programmes: Evidence from a suburb in Accra, Ghana**

Laud Sowah, *University of Ghana, legon* • Adriana A. Biney, *Regional Institute for Population Studies (RIPS)* • Donatus Atiglo, *Regional Institute for Population Studies (RIPS), University of Ghana, Legon, P. O. Box LG 96, Accra* • Delali Badasu, *Regional Institute for Population Studies* • Augustine Ankomah, *Population Council*

**Effective use and barriers to effective use of male condoms among HIV negative people in Manicaland, Zimbabwe: An HIV Prevention Cascade analysis**

Louisa Moorhouse, *Imperial College London* • Robin Schaefer, *Imperial College London* • Jeff Eaton, *Imperial College London* • Constance Nyamukapa, *Imperial College London* • Ranjeeta Thomas, *London School of Economics* • Morten Skovdal, *University of Copenhagen* • Mike Pickles, *Imperial College London* • Rufurwokuda Maswera, *Biomedical Research and Training Institute* • Tawanda Dadirai, *Biomedical Research and Training Institute* • Timothy Hallett, *Imperial College London* • Simon Gregson, *Imperial College London School of Public Health*

## **Session 507: COVID-19 and Sexual and Reproductive Health**

This session features five papers that cover topics related to COVID and how it affects various aspects of sexual and reproductive health.

**Time Slot:** 14:00 - 15:30 GMT

**Scoping Review of Social Media Representations and Responses to Sexual Violence during the Covid-19 Lockdown Periods in Sub-Saharan Africa**

Oladimeji Ogunoye, *Obafemi Awolowo University* • Opeyemi O. Ekundayo, *Department of Psychology, Obafemi Awolowo University, Ile-Ife* • Olutoyin Ikuteyijo, *Swiss Tropical and Public Health Institute* • Taofeek Aliyu, *Department of Sociology and Anthropology, Obafemi Awolowo University, Ile-Ife* • John Abe, *Obafemi Awolowo University, Ile-Ife* • Jacob W. Mobolaji, *Obafemi Awolowo University, Ile-Ife* • Lanre O. Ikuteyijo, *Obafemi Awolowo University* • Ojo M. Agunbiade, *Obafemi Awolowo University* • Oluwaseun O. Obasola, *University of Ibadan* • Akanni I. Akinyemi, *Obafemi Awolowo University, Ile-Ife* • Gbemisola R. Adeoti, *Obafemi Awolowo University*

**The impact of the COVID-19 pandemic on adolescent's sexual and reproductive health in Mexico**

Mitzi Ramirez, *National Population Council (CONAPO)* • Gabriela Mejia-Pailles, *National Population Council (CONAPO)* • Maricruz Muradás Troitiño, *National Population Council*

**Social context of Intimate Partner Violence and System Response During Covid-19 in sub-Saharan Africa: A scoping review**

Ojo M. Agunbiade, *Obafemi Awolowo University/ Department of Sociology and Anthropology* • Akanni I. Akinyemi, *Obafemi Awolowo University, Ile-Ife* • Oluwaseun Obasola, *College of Medicine University of Ibadan, Nigeria* • John Abe, *Obafemi Awolowo University, Ile-Ife* • Jacob W. Mobolaji, *Obafemi Awolowo University, Ile-Ife* • Taofeek

Aliyu, *Department of Sociology and Anthropology, Obafemi Awolowo University, Ile-Ife* • Olutoyin Ikuteyijo, *Swiss Tropical and Public Health Institute* • Oladimeji Ogunoye, *Obafemi Awolowo University* • Lanre Ikuteyijo, *Obafemi Awolowo University*

**The effect of the Covid-19 pandemic on the quality of prenatal care in a Brazilian city**

Raquel Coutinho, *CEDEPLAR - Universidade Federal de Minas Gerais* • Fabiana Guimarães, *Universidade Federal de Minas Gerais* • Sonia Lansky, *Universidade Federal de Minas Gerais* • Michelle Ferreira, *Universidade Federal de Minas Gerais (UFMG)* • José Vilton Costa, *Núcleo de Estudos de População (NEPO) and Universidade Estadual de Campinas*

**Contraception and abortion in times of COVID-19: access, policy responses and groups most affected in Argentina, Chile and Uruguay**

Javiera Fanta Garrido, *Consejo Nacional de Investigaciones Científicas y Técnicas (CONICET)*

## **Session 508: Abortion as a Programme and Policy Priority**

This session examines various aspects of abortion policies and choices in a variety of settings.

**Time Slot:** 16:00 - 17:30 GMT

**Menstrual regulation, abortion and postabortion care in Cox's Bazar: Results from a mixed methods pilot test**

Ann M. Moore, *Guttmacher Institute* • Kaosar Afsana, *BRAC* • Altaf Hossain, *BAPSA* • Jesse Philbin, *Guttmacher Institute* • Tahmid Hasan, *BRAC University, JPG School of Public Health* • Mira Tignor, *Guttmacher Institute* • Saira Jolly, *BRAC University, JPG School of Public Health* • Ayanti Barua, *BRAC University, JPG School of Public Health*

**Son Preference and prenatal sex-selection among the British Indian women: New evidence, and policy.**

Sylvie Dubuc, *University of Reading*

**Evidence on self-managed abortion in India: Overview of findings, identification of gaps, and recommendations for future research**

Sruthi Chandrasekaran, *Ibis Reproductive Health* • Ruvani Jayaweera • Erika Atienzo, *Ibis Reproductive Health* • Katherine Key, *Ibis Reproductive Health* • Camille Garnsey, *Ibis Reproductive Health*

**Sex-selective abortions over the past four decades in China**

Mei Li, *Institute for Population and Development Studies, School of Public and Administration, Xi'an Jiaotong University* • Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*

**Impact of the 'Protecting Life in Global Health Assistance (PLGHA)' Policy on Health Service Delivery in sub-Saharan Africa**

Nina Brooks, *University of Minnesota* • Matt Gunter, *University of Minnesota* • Eran Bendavid, *Stanford University* • Elizabeth Boyle, *University of Minnesota* • Kathryn Grace, *University of Minnesota, Twin Cities* • Grant Miller, *Stanford University and National Bureau of Economic Research (NBER)*

## **Session 509: Examining Maternal and Child Health Issues in Sub-Saharan Africa**

This session examines a variety of maternal and child issues including breastfeeding, antenatal care, and partner involvement in sub-Saharan African contexts.

**Time Slot:** 16:00 - 17:30 GMT

### **Comparing the timeliness and adequacy of antenatal care uptake between young women who married as child-brides and adult-brides in 20 sub-Saharan African countries**

Sunday Adedini, *Federal University Oye-Ekiti, Nigeria* • Sunday Abatan, *Federal University Oye* • Adesoji Ogunsakin, *Federal University Oye Ekiti* • Christiana Alex-Ojei, *Federal University Oye-Ekiti* • Blessing B. I. Babalola, *Federal University Oye-Ekiti* • Sarafa Shittu, *Obafemi Awolowo University, Ile-Ife* • Emmanuel Odusina, *Federal University Oye Ekiti* • Lorretta Ntoimo, *Federal University Oye-Ekiti*

### **Breastfeeding experiences, challenges and coping mechanisms among first time nursing mothers of advance maternal age in Ibadan North Local Government Area, Oyo State**

Aderemi Olabode, *University of Ibadan* • Musibau Titiloye, *University of Ibadan* • Oyedunni S. Arulogun, *University of Ibadan*

### **Partner-Related Autonomy Constraints and Impact on Maternal and Neonatal Health (MNH) Continuum of Care**

Shannon Wood, *Johns Hopkins Bloomberg School of Public Health* • Robel Yirgu, *Addis Ababa University School of Public Health* • Celia Karp, *Johns Hopkins Bloomberg School of Public Health* • Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health*

### **Partner's characteristics as Correlates of Timing of initiation of First Antenatal Care Visit among Women in Nigeria: Evidence from Nationally Representative Data.**

Adesoji Ogunsakin, *Federal University Oye Ekiti*

## **Session 510: Sexual and Reproductive Health Experiences of Women in India over the Life Course**

Note: This is being proposed as a BONUS session (India specific) in the third time slot that seemed more flexible.

**Time Slot:** 6:00 - 7:30 GMT

### **Prevalence and Predictors of Premature Menopause among Women in India**

Trupti Meher, *International Institute for Population Sciences (IIPS)* • Harihar Sahoo, *international Institute for Population Sciences*

### **Dynamics of fertility resumption behaviours of Indian women: semi-parametric survival analysis using NFHS 2015-16 cross-sectional survey**

Md Sayeef Alam, *International Institute for Population Sciences (IIPS)* • Md Illias K Sheikh, *International Institute for Population Sciences*

### **Does the quality of antenatal care determine oral, breast, and cervical cancer screening? A population-based study from India**

Lucky Singh, *National Institute of Medical Statistics (ICMR)* • Ritam Dubey, *ICMR-National Institute of Cancer Prevention and Research* • Chandan Kumar, *Central University of Karnataka* • Prashant Kumar Singh, *Institute for Human Development*

### **Geospatial heterogeneity of early marriage and motherhood in India: Evidence from fourth round of National Family Health Survey**

## Theme 6: International Migration - Fernando Lozano

### Session 601 Contemporary international migration trends, estimations, and methods

This session aims to estimate international migrations flows as a basis to understand the patterns and complexity of migration from and to countries with scarce or missing data. It also examines whether sustained net immigration at current levels would be sufficient to prevent long-run population decrease in European countries, and provides some demographic and socio-economic profiles of some national diasporas, based on integrated census–migration micro datasets.

**Time Slot:** 8:00 - 9:30 GMT

#### **Would Sustained Immigration Prevent Long-Run Population Decrease in European Countries?**

Nick Parr, *Macquarie University*

#### **Estimating International Migration Flows for the Asia-Pacific Region: Application of a Generation-Distribution Model**

James Raymer, *Australian National University* • Qing Guan, *Australian National University* • Tianyu Shen, *Australian National University* • Arkadiusz Wisniowski, *University of Manchester* • Juliet Pietsch, *Griffith University*

#### **Measuring Chinese diaspora populations: Insights from the recently integrated census–migration micro datasets in Australia**

Yan Tan, *the University of Adelaide*

### Session 602: High-skilled mobility and perceptions on migration: the use of novel data sources

In this session, authors examine the global circulation of talent using professional/scientific data sources. In the first paper, authors identify the utility of LinkedIn dataset for studying openness to international migration and show preliminary results on the relative attractiveness of certain countries through adaptation of a gravity-type model. In the second paper, authors combine and use multiple high-resolution data sources of scientists (Scopus and ORCID) and discuss that scholars have different propensities to be mobile in some specific geographic regions. Next paper presents evidence on German-affiliated researchers from eight million Scopus publications; authors analyze trends in international migration to and from Germany among published researchers over the past 24 years. Last paper uses Twitter data to analyze perceptions on migration during the pandemic; preliminary results show that in Italy the prevalent sentiment is negative and words contained in people's tweets are often connected with the emotion of fear.

**Time Slot:** 10:00 - 11:30 GMT

#### **The interplay between scholarly migration, gender, career stages, and citations: Evidence on German-affiliated researchers from 8 million Scopus publications**

XInyi Zhao, *Max Planck Institute for Demographic Research (MPIDR)* • Samin Aref, *Max Planck Institute for Demographic Research* • Emilio Zagheni, *Max Planck Institute for demographic Research* • Guy Stecklov, *University of British Columbia*

### **The perceptions of migration during the pandemic: what Twitter data tell us?**

Sara Miccoli, *Sapienza University of Rome* • Elena Ambrosetti, *Sapienza Università di Roma*

### **Intra- versus international scholarly mobility and migration in EU+ countries**

Aliakbar Akbaritabar, *Max Planck Institute for Demographic Research (MPIDR)* • Emilio Zagheni, *Max Planck Institute for demographic Research*

### **Openness to migrate internationally for a job: Evidence from LinkedIn Data**

Sarah Johnson, *Max Planck Institute for Demographic Research (MPIDR)* • André Grow, *University of Leuven (KU Leuven)* • Daniela Perrotta, *Max Planck Institute for Demographic Research* • Tom Theile, *Max Planck Institute for Demographic Research* • Helga A. G. de Valk, *Netherlands Interdisciplinary Demographic Institute (NIDI) / KNAW/ University of Groningen* • Emilio Zagheni, *Max Planck Institute for demographic Research*

## **Session 603: Return migration: reintegration during the pandemic, social networks' roles and occupational mobility**

Diverse crucial aspects of return migration are analyzed in this session. First and second papers examine how different social and national migrants' groups were affected by COVID-19 and to what extent pandemic-related risks affected their plans of return migration from Germany, and also explored the plights of the return migrants in India. Third paper examines occupational mobility among the Gulf return migrants in India; the author shows that downward mobility and de-skilling are more common in returnees because of the temporariness of their movement, accepts unskilled jobs, and relatively short length of stay. Last paper analyzes the role of social networking, and pre-departure training on the level of satisfaction among Gulf return migrants with their job at the destination.

**Time Slot:** 12:00 - 13:30 GMT

### **Occupational mobility among the Gulf return migrants in Murshidabad district, West Bengal.**

Snigdha Banerjee, *International Institute for Population Sciences (IIPS)*

### **Return migration among German emigrants due to COVID-19: The realization of pre-pandemic migration intentions one year into the pandemic**

Nils Witte, *Federal Institute for Population Research (BiB)* • Andreas Ette, *Federal Institute for Population Research (BiB)* • Nikola Sander, *Federal Institute for Population Research (BiB)*

### **Social Network, Pre-departure Planning, and its Role in Job Gratification and Life Satisfaction among Migrants: A Study of Return Migrants in Kerala**

Reshmi Ramachandran Sukumari, *Institute of Health Management Research* • Afsal K

### **Migrants and return migrants from Nagaland to western states of India: the plight during Covid-19**

livika chophi, *Amrita Vishwa Vidyapeetham* • Angan Sengupta, *Department Of Management, Amrita Vishwa Vidyapeetham, Bangalore*

## **Session 604: Social ties, family reunification, and housing conditions among international migrants**

Papers on this session explore the role of social networks and social trust related to international migration, processes of family reunification and migrants housing conditions. First paper analyzes

migration decision beyond labor market issues; authors incorporate social factors associated to ancestral and cultural connections and kinship and cultural affinities to explain south-south migration from Zimbabwe to Mozambique. Second paper examine various types of social trust including interpersonal trust and institutional trust on tendency to emigration from Iran; authors suggest that the declining of interpersonal and institutional social trusts in recent years, are factors related on increasing tendency to emigration. Next paper analyzes the role of official and unofficial policies in the shaping of family reunification on migrants in France. Last paper analyzes the determinants of precarious housing conditions in French Guyana, by taking into account socioeconomic, family and social factors.

**Time Slot:** 14:00 - 15:30 GMT

**Reunifying or leaving one's child behind: how do official and unofficial State selection shape family immigration in France?**

Julia Descamps, *Université Paris 8 Vincennes Saint-Denis* • Cris Beauchemin, *Institut National d'Études Démographiques (INED)*

**Social Trust and Emigration Propensity from Iran**

Rasoul Sadeghi, *Tehran University* • Maryam Rezaei, *PhD Student of Demography, University of Tehran* • Gholamreza Ghaffari, *Associate Professor of Sociology, University of Tehran*

**Les inégalités de conditions de logement en outre-mer : le cas de Mayotte et de la Guyane – Réalités, enjeux et déterminants.**

Franck Temporal, *UMR CEPED Université Paris Descartes-IRD* • Robin Antoine, *INED*

**"Invisible migrations": megaprojects, social ties and south-south migration from Zimbabwe to Mozambique**

Tomás Cebola, *Instituto Nacional de Estatística (INE)* • Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)* • Gisela Zapata, *Federal University of Minas Gerais*

**Session 605: International migration projections, determinants and crossing strategies**

This session includes papers that propose methods for forecasting global human migration flows, that evaluate different data sources, analyzes determinants of international migration, and experiences of migrant crossing border. In the first paper authors propose a model to estimates quinquennial bilateral migration flows from 1990 through 2020, to generate global probabilistic population projections from 2020 to 2045. Second paper provides a critical examination of data sources accessible to users interested in examining the Latin American and Caribbean migration system. They harmonized and analyzed existing estimates of five-year bilateral flows and dyads of recent migrant stocks from census data published by the IMILA project and IPUMS-I. Next paper analyzes the effects of a wide range of individual and household factors on emigration on Egypt and then on return migration. Last paper analyzes the strategies for crossing Mexican territory by migrants from Guatemala, Honduras and El Salvador, between 2009 and 2019. The author found that the use of smugglers is the main strategy for reducing the risk of detention and return to the country of origin.

**Time Slot:** 16:00 - 17:30 GMT

**Modeling and Forecasting Bilateral Migration Flows for All Countries**

Nathan Welch, *University of Washington* • Adrian Raftery, *University of Washington, Seattle*

**Estimates of migration flows and recent immigration stocks in Latin America. How much are they alike?**

Julieta Bengochea, *Programa de Población, Facultad de Ciencias Sociales, Universidad de la República* • Emanuele Del Fava, *Max Planck Institute for Demographic Research (MPIDR)* • Victoria Prieto Rosas, *Universidad de la República* • Emilio Zagheni, *Max Planck Institute for demographic Research*

**Determinants of international migration: a methodological study based on Egypt**

Richard Bilsborrow, *University of North Carolina at Chapel Hill* • Samir FARID, *Mediterranean Household International Migration Survey (MED-HIMS)* • Qi Zhang, *Boston University*

**Stratégies de traversée du Mexique par les migrants sans-papiers centraméricains 2009-2019: le recours aux passeurs**

Marie-Laure Coubès, *El Colegio de La Frontera Norte*

## Theme 7 Migrant Populations and Refugees – Helga de Valk

### Session 701: Migration, space and environment

The papers study different aspects of how migration/migrants interact and relate to space and environment.

**Time Slot:** 6:00 - 7:30 GMT

**Relating Spatial integration and Other Aspects of Immigrant integration using Australian data**

Qing Guan, *Australian National University*

**Do neighborhoods and social networks matter? Exploring the process from migration to HIV sexual risk behaviors among involuntary bachelors in rural China**

Huanying Gou, *Xi'an Jiaotong University* • Huijun Liu, *Xi'an Jiaotong University*

**The Role of International Migration, Domestic Migration, and Short-term Travel in the Timing of COVID-19's Arrival: Evidence from County-level Data in the United States**

Hiroaki Matsuura, *Shoin University*

**A demographic perspective on environmental and climate change and population displacement**

Mohammad Jalal Abbasi-Shavazi, *The University of Tehran* • Ellen Percy Kraly, *Colgate University*

### Session 702: Migrant health

all papers study the health of migrants (mental and physical) from a different perspective

**Time Slot:** 8:00 - 9:30 GMT

**A binational analysis of health outcomes among stayers and crises-driven diasporas**

Jenny Garcia, *Institut National d'Études Démographiques (INED)* • Andres Castro, *University of Pennsylvania*

**Examining the “Healthy Immigrant Paradox” in perinatal outcomes. Evidence from three perinatal surveys in France**

Tatiana Eremenko, *UNED, Spain*



**Subjective well-being and the quality of the neighborhood. A comparison between immigrants and natives in Europe**

Angela Paparusso, *Institute for Research on Population and Social Policies (IRPPS-CNR)* • Elena Ambrosetti, *Sapienza Università di Roma*

**Factors Associated with Depression among Young Female Migrants in Ethiopia**

Annabel S. Erulkar, *Population Council* • Girmay Medhin, *Addis Ababa University*

**Cognitive Health of Middle-Aged and Older Migrants: Russians in Estonia Compared with Russians in Russia and Estonians**

Luule Sakkeus, *Tallinn University* • Lilli Abuladze, *University of Tallinn* • Elena Selezneva, *Higher School of Economics* • Oxana Sinyavskaya, *National Research University Higher School of Economics and Universiteit Maastricht*

**Session 703: COVID-19 and migration (Flash Session)**

flash session on topics related to pandemic and migration across the globe

**Time Slot:** 12:00 - 13:30 GMT

**Illegal Migration, Refugees & COVID- 19 in India: A perspective of Demographic and Health Vulnerabilities**

Naresh Kumar, *Central University of Gujarat*

**Discrimination by omission? Assessing migrants and refugees' in/exclusion in the political-institutional response to COVID-19 in Brazil**

Gisela Zapata, *Federal University of Minas Gerais*

**Migrants and Refugees in Latin America during COVID-19: An Inclusion/Exclusion Spectrum of Social Protection**

Vera Espinoza Marcia, *Queen Mary University of London* • Victoria Prieto Rosas, *Universidad de la Republica* • Gisela Zapata, *Federal University of Minas Gerais* • Luciana Gandini, *Instituto de Investigaciones Jurídicas, UNAM* • Alethia Fernández de la Reguera, *Instituto de Investigaciones Jurídicas, Universidad Nacional Autónoma de México* • Gioconda Herrera, *FLACSO* • Stephanie López Villamil, *Universidad Nacional de Colombia* • Cristina Zamora Gómez, *Universidad de Sevilla* • Cécile Blouin, *Pontificia Universidad Católica del Perú* • Camila Montiel, *Universidad de la República* • Gabriela Cabezas Gálvez, *FLACSO* • Irene Palla, *Università degli Studi di Modena e Reggio Emilia*

**Residential and Occupational Segregation among African Immigration in Spain in the 21st Century: impact of the Great Recession of 2008 and Covid-19.**

Silvia Gastón-Guiú, *Universitat Autònoma de Barcelona* • Andreu Domingo, *Universitat Autònoma de Barcelona* • Jordi Bayona, *Universitat Autònoma de Barcelona* • Rocío Treviño-Maruri, *Universitat Autònoma de Barcelona*

**ANALYSIS OF THE IMPACT OF COVID-19 ON MIGRANTS FROM TAJIKISTAN IN RUSSIA**

Sergey V. Ryazantsev, *Institute For Demographic Researches FCTAS of the Russian Academy of Sciences*

**Living on the fringes of public assistance in time of COVID-19 pandemic crisis: The plight of African self-settled refugees in the cities of South African**

Gabriel Tati, *University of the Western Cape*

## **Risk of COVID-19 Infection among Refugees in Uganda: A case study of Nakivaale Refugee Camp**

Elizabeth Nansubuga, *Makerere University*

## **Session 704 Labour market position and economic effects of migration**

the session combines papers that address both the labour market position of migrants as well as the effects of migration

**Time Slot:** 14:00 - 15:30 GMT

### **Dis-aggregating inequalities in the career outcomes of international medical graduates in the United States**

Rebecca Schut, *University of Pennsylvania*

### **How much does Immigration contribute to National Poverty Rates? A Decomposition Analysis for Western European Welfare States**

Jan Van Bavel, *Katholieke Universiteit Leuven* • David de Smalen, *KU Leuven* • Wim Van Lancker, *Professor*

### **Employment and family trajectories of immigrants in the UK: An application of multi-channel sequence analysis**

Julia Mikolai, *University of St Andrews* • Hill Kulu, *University of St Andrews*

### **One municipality does not fit all The employment of refugees in Norway across municipalities of different centrality and size**

Alicia Adsera, *Princeton University* • Synøve N. Andersen, *Statistics Norway* • Marianne Tønnessen, *Oslo Metropolitan University*

### **Labor market integration of immigrant mothers in Germany**

Chia Liu, *University of St. Andrews* • Hill Kulu, *University of St Andrews*

## **Session 705: Family formation in migrant families**

different papers on both fertility patterns and characteristics related to family formation in migrant families

**Time Slot:** 16:00 - 17:30 GMT

### **Socioeconomic mediators of immigrant childbearing: The direct and indirect effects of age at arrival**

Ben Wilson, *Stockholm University* • Maarten J. Bijlsma, *Max Planck Institute for Demographic Research*

### **Predictors of sexual and reproductive health knowledge among adolescent Syrian refugee girls displaced in Beqaa, Lebanon**

Sasha Fahme, *American University of Beirut* • Lama El Ayoubi, *American University of Beirut* • Jocelyn DeJong, *American University of Beirut* • Maia Sieverding, *American University of Beirut*

### **Immigrant offspring's birthweight by duration of residence in Spain. A cross-sectional study**

Mikolaj Stanek Baranowski, *University of Salamanca* • Sol P. Juárez, *Stockholm University/Karolinska Institute* • Alberto del Rey, *Universitat Autònoma de Barcelona* •

Chiara Dello Iacono, *Universidad de Salamanca* • Jesús García Gómez, *Universidad de Salamanca*

**The role of socio-economic factors on sex imbalance at birth of migrants in Italy: focus on reproductive health determinants in Piedmont Region**

Elena Ambrosetti, *Sapienza Università di Roma* • Marina Attili, *Istituto Nazionale di Statistica (ISTAT)* • Cinzia Castagnaro, *Italian National Statistical Institute* • Marco Dalmaso, *The Regional Public Health Observatory (SEPI) of the Piedmont Region* • Moreno Demaria, *The Regional Public Health Observatory (SEPI) of the Piedmont Region* • Alessia D'Errico, *Istituto Nazionale di Statistica (ISTAT)* • Marzia Loghi, *Istituto Nazionale di Statistica (ISTAT)* • Luisa Mondo, *The Regional Public Health Observatory (SEPI) of the Piedmont Region* • Livia Elisa Ortensi, *Alma Mater Studiorum - University of Bologna* • Raffaella Rusciani, *The Regional Public Health Observatory (SEPI) of the Piedmont Region*

**Segmented dissimilation? Ideal family size and timing of birth among immigrants and their children in France**

Ka U Ng, *McGill University*

**Session 706: Refugees, policies and public opinion**

all papers center around the study of refugees and how policies affect their stay or how they are viewed in public opinion

**Time Slot:** 10:00 - 11:30 GMT

**Refugees and Environment: Analysing Linkages Between Individual Migrant Characteristics and Tree-Degradation in Uganda's Refugee Settlements and Host Communities**

Abel Nzabona, *Makerere University*

**The interplay between refugee inflows and media coverage in determining attitudes towards immigrants in Germany**

Chia-Jung Tsai, *Max-Planck Institute for Demographic Research* • Robert Gordon Rinderknecht, *Max Planck Institute for Demographic Research* • Emilio Zagheni, *Max Planck Institute for demographic Research*

**From collective centres to private accommodation: housing trajectories of asylum seekers and refugees in Switzerland**

Anne-Laure Bertrand, *Université de Neuchâtel / Neuchâtel University* • Julie Lacroix, *University of St Andrews*

**Administrative Processing Time of Asylum Procedure in Belgium, 1999-2014**

Wanli Nie, *UCLouvain* • Mireille Le Guen, *Université Catholique de Louvain* • Louise Caron, *Institut National d'Études Démographiques (INED)* • Bruno D. Schoumaker, *Université catholique de Louvain (UCL)*

**Pathways to a regular stay? A quantitative perspective on precarious legal status trajectories among asylum-seekers in Belgium.**

Bruno D. Schoumaker, *Université catholique de Louvain (UCL)* • Mireille Le Guen, *Université Catholique de Louvain* • Louise Caron, *Institut National d'Études Démographiques (INED)* • Wanli Nie, *UCLouvain*

## Session 707: Health and mortality among migrants

A range of papers that study mortality but also health/covid 19 spread among displaced migrant populations these could also serve as replacement papers for the health and covid session that I created .

**Time Slot:** 18:00 - 19:30 GMT

### **Empowering the crowd: Feasible strategies to minimize the spread of COVID-19 in high-density informal settlements**

Alberto Pascual, *ETH Zurich* • Jordan Klein, *Princeton University* • Jennifer Villers, *University of Geneva* • Eduard Campillo-Funollet, *University of Sussex* • Chamsy Sarkis, *ASML Syria*

### **Excès de mortalité par âge chez les immigrants et les natifs de France durant la pandémie de Covid-19**

Irwin Hecker, *Equipe de Recherche en Epidémiologie Sociale (ERES)* • Didier Breton, *Université de Strasbourg and Institut National d'Études Démographiques (INED)* • E Acosta • Alain Gagnon, *Université de Montréal*

### **Estimation of the Demographics and Health Disparities between Displaced and Host Populations: Methodological Approaches and Inherent Challenges In Forced Migration Settings**

Mhd Nour Audi, *Mailman School of Public health* • Goleen Samari, *Columbia University*

## Theme 8: Internal Migration – Donatien Beguy

## Session 801: Migration, living arrangements and family wellbeing

This session will look at how living arrangements brought about by migration dynamics can affect wellbeing of family members including those left behind.

**Time Slot:** 4:00 - 5:30 GMT

### **Parenting from a Distance: Children's Living Arrangements and Migrant Well-Being in South Africa**

Sangeetha Madhavan, *University of Maryland* • Seung Wan Kim, *University of Maryland* • Michael J. White, *Brown University*

### **Rural-urban migration, living arrangement, and health of the elderly in China**

Chunlin Huang, *Shanghai University*

### **Circular migration and child nutrition: a comparison of children from family circular migrant, male migrant, and non-migrant households in Bihar, India.**

Reshma Roshania, *Emory University* • Solveig Cunningham, *Emory University* • Aritra Das, *CARE India* • Tanushree Bag, *CARE India* • Rakesh Giri, *CARE India* • Melissa Young, *Emory University* • Sridhar Srikantiah, *CARE India* • Tanmay Mahapatra, *CARE India Solutions for Sustainable Development* • Usha Ramakrishnan, *Emory University*

### **The simultaneous existence of mother-child undernutrition in India: Does father's migration play a role?**

Kirti Gaur, *G. B. Pant Social Science Institute, Prayagraj* • Aravinda Guntupalli, *University of Southampton* • Kunal Keshri, *G B Pant Social Science Institute, Allahabad University, Allahabad* • Jennie Macdiarmid, *University of Aberdeen, UK*

## **Session 802: Migration in the context of the COVID-19 pandemic**

The main objective is to session to examine how COVID-19 affected migration, focusing on patterns and related consequences on people's lives.

**Time Slot:** 8:00 - 9:30 GMT

### **Territorial attractiveness consequences of COVID-19 restrictive measures in Benin: the case of the implementation of the « Sanitary Cord » measure**

Sam Agbahoungba, *CREG - LAREG* • Latif Dramani, *CREG-CREFAT* • Camille Guidime, *Laboratoire de Recherche en Economie et Gestion (LAREG)* • Jean Baptiste Oga, *Laboratoire de Recherche en Economie et Gestion (LAREG)* • Edem Akpo, *CREG-CREFAT* • Mamadou Bousso, *Centre de Recherche en Economie et Finance Appliquées de Thiès (CREFAT)*

### **Assessing the risk of COVID-19 transmission among travellers on airplanes and trains**

Maogui Hu, *Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences* • Jinfeng Wang, *Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences* • Hui Lin, *China Academy of Electronics and Information Technology* • Corrine Ruktanonchai, *Virginia Tech* • Chengdong Xu, *Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences* • Bin Meng, *Beijing Union University* • Xin Zhang, *Aerospace Information Research Institute, Chinese Academy of Sciences* • Alessandra Carioli, *University of Southampton* • Yuqing Feng, *Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences* • Qian Yin, *Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences* • Jessica Floyd, *WorldPop, School of Geography and Environmental Science, University of Southampton* • Nick Ruktanonchai, *Population Health Sciences, Virginia Tech* • Zhongjie Li, *Divisions of Infectious Diseases, Chinese Center for Disease Control and Prevention* • Weizhong Yang, *School of Population Medicine and Public Health, Chinese Academy of Medical Sciences & Peking Union Medical College* • Andrew J. Tatem, *University of Southampton* • Shengjie Lai, *University of Southampton*

### **The impact of COVID-19 on a cohort of internal migrants and permanent residents of South Africa's rural northeast**

Carren Ginsburg, *University of the Witwatersrand, Johannesburg* • Collinson Mark, *University of the Witwatersrand* • Francesc Gomez-Olive, *Harvard University* • Sadson Harawa, *University of the Witwatersrand* • Chantel Pheiffer, *Brown University* • Michael J. White, *Brown University*

### **Going home amidst COVID -19: Character and determinants of return migration to Assam, India**

Girimallika Borah, *Cotton University*

## **Session 803: Migration flows: Origins, Destinations and Consequences**

This session aims at examining internal migration patterns including origins, destinations and consequences for the migrants, their families and their societies at large.

**Time Slot:** 8:00 - 9:30 GMT

### **Male Migration & the Emergence of Female Farm Management in India**

Vidya Bharathi Rajkumar, *Cornell University*

### **Oceans apart - Internal Migration in Small Island Developing States: the case of Fiji**

Anna Tegunimataka, *Lund University* • Andres Palacio, *Lund University*

**Internal migration impact on sex ratios: a case study using Colombian 2018 census data.**

J. Sebastian Ruiz-Santacruz, *National Institute of Statistics Colombia* • Alessandra Carioli, *Centre for Demographic Studies, Autonomous University of Barcelona*

**Internal migration and adult sex ratio imbalances: The impact of rural out-migration on female scarcity in East Germany**

Matthias Rosenbaum-Feldbrügge, *Federal Institute for Population Research (BiB)* • Nico Stawarz • Uta Brehm, *Federal Institute for Population Research* • Nikola Sander, *Federal Institute for Population Research (BiB)*

## **Session 804: Understanding migration: Applying new data and methods**

This session focuses on new data and estimation methods that contribute to a better understanding of migration patterns across the world.

**Time Slot:** 16:00 - 17:30 GMT

**The mobility transition in Asia between 1970-2011**

Wanli Nie, *UCLouvain* • Ashira Menashe-Oren, *Universite catholique de Louvain (UCL)* • Philippe Bocquier, *Universite catholique de Louvain (UCL)*

**Practical geospatial and sociodemographic predictors of human mobility**

Corrine Ruktanonchai, *Virginia Tech* • Shengjie Lai, *University of Southampton* • Chigozie E Utazi, *School of Geography and Environmental Science, University of Southampton* • Adam Sadilek, *Google* • Andrew J. Tatem, *University of Southampton* • Alessandro Sorichetta, *University of Southampton*

**Bayesian estimation of internal migration flows in Italy**

Emanuela Furfaro, *University of California, Davis* • Federico Castelletti, *Università Cattolica del Sacro Cuore* • Adrian Raftery, *University of Washington, Seattle*

**Novels approaches based on sequences analysis and graphs for grasping complexity of migrations**

Francois Mialhe, *Université Lyon 2* • Florence De Longueville, *Facultés Universitaires Notre-Dame de la Paix, Belgium* • Samuel Bonnand, *Maison des Sciences de l'Homme* • Sabine J. F. Henry, *University of Namur*

## **Session 805: Migration and socio-economic inequalities**

The main objective of this session is to examine the relationship between internal migration and socio-economic inequalities including its consequences on populations in terms of health and socio-economic conditions.

**Time Slot:** 14:00 - 15:30 GMT

**Weathering changes – livelihood adaptation to weather shocks in rural India by disadvantaged social groups.**

Dhiman Das, *George Mason University*

**Internal Migration and Life Course Transitions in Brazil**

Reinaldo Santos, *CEDEPLAR-UFMG* • Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)* • Ernesto Amaral, *Texas A&M University*

### **Examining the gendered impacts of COVID-19 on internal migrants in India**

Natasha Chhabra, *International Development Research Centre (IDRC)*

### **Regional mortality inequalities in the Netherlands and the role of internal migration**

Adrien Remund, *Rijksuniversiteit Groningen* • Fanny Janssen, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen* • Ernst van der Hoeven, *Population Research Centre, University of Groningen*

## **Session 806: Migration: Diversity of contexts**

This session aims to examine migration in different contexts, focusing on comparisons within but also across countries in terms of migration dynamics and their consequences on life events such as education, employment and marriage.

**Time Slot:** 4:00 - 5:30 GMT

### **Comparisons in the drivers of internal migration by education.**

Guy J. Abel, *Asian Demographic Research Institute, Shanghai University* • Aude Bernard, *University of Queensland* • Raya Muttarak, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

### **Cross national comparisons of the drivers of rural-urban migration based on millions of individual census records**

Ziyue Huang, *Shanghai University*

### **Marriage Migration in India: The Enlargement of Marriage Markets in the Era of Declining Sex Ratios.**

Enu Anand, *International Institute for Population Sciences (IIPS)*

### **Internal Migration and Labour Circulation in India**

Ram B. Bhagat, *International Institute for Population Sciences (IIPS)* • Kunal Keshri, *G B Pant Social Science Institute, Allahabad University, Allahabad*

## **Theme 9: Urban Demography – Mark Montgomery**

## **Session 901: Urban Exposure to Risk**

This session explores the multiple dimensions of risk to which urban residents are exposed, including air pollution, climate change, and communicable disease, with attention to the implications for sustainable planning of urban neighborhoods.

**Time Slot:** 12:00 - 13:30 GMT

### **Moving out of the city in the year of Covid - will they return after the pandemic?**

Marianne Tønnessen, *Oslo Metropolitan University*

### **Spatial & temporal disparities in air pollution exposure at Italian public schools**

Risto Conte Keivabu, *European University Institute*

### **Mainstreaming disaster risk reduction into sustainable human settlement and informal settlement upgrading; South Africa.**

Collins Muhame, *University of the Free State* • Alice Ncube, *Co-Author and Student Leader for PhD at University of the Free State*

**Differences in future urbanization trends across Mexican states in the context of climate change: Implications for plans, policies, and practice**

Ricardo Regules-García, *Population Council* • Hamidreza Zoraghein, *Population Council* • Isabel Vieitez, *Population Council* • Isaías Torres, *Universidad Nacional Autónoma de México UNAM* • Leiwen Jiang, *Shanghai University and Population Council*

**Session 902: Urban demography and segregation**

This session explores the determinants of urban demographic behavior, including social networks, poverty, neighborhood segregation, and access to family planning

**Time Slot:** 14:00 - 15:30 GMT

**Dynamics of fertility and family planning among the urban poor in India: findings from NFHS 2, 3 and 4**

Siddharth Agarwal, *Urban Health Resource Center* • S Kaushik, *Independent Consultant & Researcher*

**Using family planning as a strategy for achieving sustainable urban development: perspectives from urban planners and family planning experts in Nigeria**

Sunday Adedini, *Federal University Oye-Ekiti, Nigeria*

**The role of family networks and social capital on women's fertility intentions in Ouagadougou, Burkina Faso**

Moussa Bougma, *Institut Supérieur des Sciences de la Population (ISSP)* • Clémentine Rossier, *University of Geneva, Institute of demography and Socioeconomics*

**Session 903: The Determinants of Urban Inequality**

As the world continues to urbanize, the determinants of inequality will increasingly be found in urban areas. This session explores key factors that result in unequal levels of living.

**Time Slot:** 20:00 - 21:30 GMT

**Role of transport in employment among vulnerable groups: Intersectional evidence from Indian cities**

Arun Balachandran, *University of Maryland College Park* • Ajay Bailey, *University of Utrecht*

**Urban mobility in the metropolitan region of Belo Horizonte under the perspectives of age and period**

Sarah Queiroz, *Pan American Health Organization* • Gilvan R. Guedes, *Universidade Federal de Minas Gerais (UFMG)* • Alisson Flávio Barbieri, *Universidade Federal de Minas Gerais* • Carlos Herculano, *Universidade Federal de Minas Gerais*

**Inequality and Well-Being in the Brazilian Metropolitan Areas**

Raphael Almeida, *Escola Nacional de Ciências Estatísticas (ENCE)* • César Augusto Marques Silva, *Universidade Estadual de Campinas (UNICAMP)*



## Session 904: New Methods and Measures in Urbanization

There is currently great scientific effort being devoted to the conceptualization and measurement of urbanization, including approaches based on remote sensing. This session addresses the new methods with particular attention to deconcentration and urban sprawl.

**Time Slot:** 18:00 - 19:30 GMT

### **The End of Urban Sprawl? A Swiss Assessment from 1966 to 2018**

Mathias Lerch, *Ecole Polytechnique Fédérale De Lausanne (epfl-eth)*

### **Toward a universal urbanization analysis for subnational territories by exploring differences between official and global remote sensing-based sources**

Hamidreza Zoraghein, *Population Council* • Leiwen Jiang, *Shanghai University and Population Council*

### **Concentrated deconcentration and migration: a look from large metropolitan areas of Latin America**

José Marcos Pinto Da Cunha, *Universidade Estadual de Campinas* • Ana María Chávez, *UNAM* • Jorge Barquero, *Centro Centroamericano de Poblacion* • Daniel Macadar, *Universidad de la República* • Wendy Molina, *Programa de Estudios de la Sociedad y la Cultura. Universidad de Costa Rica* • Guillermo Olivera, *Centro Regional de Investigaciones Multidisciplinarias, Universidad Nacional Autónoma de México* • Jorge Rodríguez Vignoli, *Centro Latinoamericano de Demografía (CELADE)* • Jaime Sobrino, *Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México*

## Theme 10 Human Capital and Labour Markets – Anne Goujon

### Session 1001: Impact of COVID-19 on Human Capital and the Labour Force

In this session, we will analyze how COVID-19, by affecting the schooling of children, adolescents and young adults all over the world, could have important consequences on future human capital. We will also look at how it affected some employees such as elderly workers in Brazil and frontline workers in the US, with negative impacts on the livelihoods as seen from the South African perspective.

**Time Slot:** 16:00 - 17:30 GMT

### **Modelling the Impact of the COVID-19 Pandemic on South African Livelihoods**

Benjamin Simon, *University of KwaZulu-Natal* • Isaac Bheki Khambule, *School of Built Environment and Development Studies*

No extended abstract or paper available

### **The impact of COVID-19 on adult skills: Estimation and projection of skills-adjusted human capital, 1970-2050**

Caner Özdemir, *Zonguldak Bülent Ecevit University* • Claudia Reiter, *University of Vienna* • Dilek Yildiz, *Wittgenstein Centre for Demography and Global Human Capital* • Anne Goujon, *Joint Research Centre, European Commission* • Wolfgang Lutz, *Wittgenstein Centre*

### **Immigrant Legal Status among Essential Frontline Workers in the U.S. during the COVID-19 Pandemic Era**

José Pacas, *University of Minnesota* • Ryan Allen, *University of Minnesota* • Zoe Martens, *University of Minnesota*

**Heterogeneous effects of Covid-19 on elderly workers in Brazil: exclusion, inequality, and polarization**

Mariana Almeida, *CEDEPLAR / UFMG* • Ian Prates, *Centro Brasileiro de Análise e Planejamento (Cebrap)*

**Session 1002: Inequalities in Human Capital and Labour Markets**

Inequalities in education translate in inequalities in the labor market where workers can experience other inequalities with respect to health, earnings, and employment status. This session will look at those in different settings in Europe and also on the access of women in the case of India.

**Time Slot:** 10:00 - 11:30 GMT

**Do collective bargaining institutions reduce health inequalities between labour market insiders and outsiders?**

Laura Sochas, *University of Oxford* • Aaron Reeves, *University of Oxford*

**The puzzling decline of female labor force participation in India and its prospects: an age-period-cohort approach**

Balhasan Ali, *International Institute for Population Sciences (IIPS)* • Guillaume Marois, *ADRI, Shanghai University*

**A Comprehensive Assessment of Inequality of Opportunity in Earnings: Evidence from the French Permanent Demographic Sample**

Geoffrey Teyssier, *Institut National d'Études Démographiques (INED)* • Laurent Toulemon, *Institut National d'Études Démographiques (INED)*

**Flexibility or scarring? Prevalence of non-standard labor contracts among Polish tertiary education graduates**

Agnieszka Chlon-Dominczak, *Warsaw School of Economics* • Tomasz Zajac, *University of Warsaw* • Mikolaj Jasinski, *University of Warsaw* • Marek Bozykowski, *University of Warsaw*

**Session 1003: Education, human capital and demography**

In this session we will explore several eclectic themes pertaining to education, human capital and labor force participation, with a special demographic focus for some of them.

**Time Slot:** 8:00 - 9:30 GMT

**Assessing the Demographic Impact of Migration on the Working Age Population in European Regions**

Daniela Ghio, *European Commission* • Anne Goujon, *Joint Research Centre, European Commission* • Fabrizio Natale, *European Commission Joint Research Centre*

**China's low fertility may not hinder future prosperity.**

Guillaume Marois, *ADRI, Shanghai University* • Stuart Gietel-Basten, *The Hong Kong University of Science and Technology* • Wolfgang Lutz, *Wittgenstein Centre*

**Multiple job holding trends among young workers in EU-28 countries**

Guillermo Orfao, *University of Salamanca* • Alberto Del Rey Poveda, *University of Salamanca* • Miguel Ángel Malo, *University of Salamanca*

### **Investigating Causes & Implications of Chronic Absenteeism Behavior among Primary Grade Students in India: An Empirical Approach**

Charu Jain, *National Council of Applied Economic Research, India* • Ruchi Jain, *National Council of Applied Economic Research, India*

## **Session 1004: Gender Differentials in Human Capital and Labour Force Participation**

A flash-session about gender differentials and challenges faced by women in labour markets.

**Time Slot:** 14:00 - 15:30 GMT

### **Formes d'entrée sur le marché du travail, durée de transition et instabilité en emploi des jeunes béninois pendant l'insertion professionnelle**

Judicaël Alladatin, *Université Laval* • Médard Lucien Dahoué, *UM6P* • Appoline Mèvognon Fonton, *Université Laval*

### **Female Labor Force Decline in China: Unequal Duties and Unequal Aging**

Kai Feng, *University of Pennsylvania*

### **Female labour force participation in sub-Saharan Africa: A cohort analysis**

Andreas Backhaus, *Federal Institut for Population Research* • Elke Loichinger, *Federal Institute for Population Research (BiB)*

### **Maternity benefits mandate and women's choice of work in Vietnam**

Khoa Vu, *University of Minnesota* • Paul Glewwe, *University of Minnesota*

### **Gender wage gap in Brazilian formal labour market: a glass ceiling analysis in leadership positions.**

Tainá da Silva, *No Current employer*

### **The motherhood penalty in the Brazilian labor market: an age-period-cohort analysis**

Iraci Pimenta, *Universidade Federal de Minas Gerais (UFMG)* • Simone Wajnman, *Cedeplar, UFMG* • Gilvan R. Guedes, *Universidade Federal de Minas Gerais (UFMG)*

## **Theme 11 Population and Development and the Demographic Dividend – Latif Dramani**

### **Session 1101: Modeling the Demographic Dividend and policy implications**

This session brings together recent research on demographic dividend modeling and the implications of economic policies around the world.

**Time Slot:** 8:00 - 9:30 GMT

### **The lagging fertility transition in Sub-Saharan Africa: The role of structural change**

Nicolas Büttner, *University of Passau* • Michael Grimm, *University of Passau* • Isabel Günther, *ETH Zürich* • Kenneth Harttgen, *ETH Zurich* • Stephan Klasen, *University of Göttingen*

### **Where are the demographic dividends?**

Michel Garenne, *Institut de Recherche pour le Développement (IRD)*

**Youth wellbeing and demographic dividend: evidence from Asia's newest nation - Timor-Leste**

Udoy Saikia, *Flinders University* • Gouranga Dasvarma, *Flinders University* • James Chalmers, *Lecturer* • Merve Hosgelen, *Research Scholar*

**Savings and the Demographic Dividend: Evidence from a Macrosimulation Model**

Joshua K. Wilde, *Max Planck Institute for Demographic Research (MPIDR)* • Mahesh Karra, *Boston University*

## **Session 1102: Demographic dividend and development**

This session brings together research work highlighting new evidence on tools for visualizing and programming demographic dividend

**Time Slot:** 10:00 - 11:30 GMT

**Demographic Change and Private Savings in India**

NEHA JAIN, *Jawaharlal Nehru University* • Srinivas Goli

**Structure et dividende démographiques au Mali: Différences de genre dans la formation du déficit de cycle de vie**

Sadou Doumbo • Latif Dramani, *CREG-CREFAT* • Robert Dabou, *Projet SWEDD Mali*

**Intergenerational transfers around the world: introducing a new visualization tool**

Lili Vargha, *Humboldt University of Berlin* • Bernhard Hammer, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*

**Demographic Dividend and Economic Growth in India: Evidence and Policy Implications**

Abhishek Kumar, *IEG* • William Joe, *Delhi University Enclave*

**Institutionalization of demographic dividend programming in Nigeria: Evidence from the preparation of the roadmaps at the national and sub-national levels**

Olanrewaju Olaniyan, *University of Ibadan* • Akanni Lawanson, *University of Ibadan* • Noah Olasehinde, *University of Ibadan* • Olabanji Awodumi, *University of Ibadan* • Oyetaju Odufuwa, *University of Ibadan* • Temitope Faronbi, *University of Ibadan* • Osaretin Adonri, *United Nations Population Fund (UNFPA)* • Andat Dasogot, *United Nations Population Fund (UNFPA)*

## **Session 1103: Population and development: human capital perspectives**

This session brings together research work proposing a sectoral approach like human capital, labour force as well as the influence of the Covid19 pandemic in order to understand the link between population and development.

**Time Slot:** 12:00 - 13:30 GMT

**Determinant of school dropouts in India: A study through survival analysis approach**

Mausam Kumar • Poulomi Chowdhury, *International Institute for Population Sciences*

**Labour force projections in India until 2060 and implications for the demographic dividend**

Guillaume Marois, *ADRI, Shanghai University* • Ekaterina Zhelenkova, *University of Vienna*  
• Balhasan Ali, *International Institute for Population Sciences (IIPS)*

**Influence of First Wave of Covid-19 Pandemic on Adolescent Girl's Schooling/Studies in Jharkhand, India**

Hanimi Modugu, *International Center for Research On Women (ICRW)* • Pranita Achyut, *Icrw* • Paras Verma, *International Center for Research on Women* • Rajendra Singh, *International Center for Research on Women (ICRW)* • Ravi K. Verma, *International Center for Research on Women (ICRW)*

**Poverty, Education and Human Capital in India: The Age Education Structure**

Sayeed Unisa, *international Institute for Population Sciences* • Tejal Lakhan, *International Institute for Population Sciences (IIPS)* • Neethu Naik

## Theme 12 Population Ageing – Bussarawan Puk Teerawichitchainan

### Session 1201: Cognitive Health and Older Adults

Papers in this session address the causes and consequences of cognitive health among older adults.

**Time Slot:** 4:00 - 5:30 GMT

**Objective and subjective socioeconomic status and cognitive impairment among older adults: a population-based study in a developing country**

T. Muhammad, *International Institute for Population Sciences (IIPS)*

**Do early-life conditions explain the gender gaps in late-life cognition among older adults? Evidence from India**

Lucky Singh, *National Institute of Medical Statistics (ICMR)* • Prashant Kumar Singh, *Institute for Human Development*

**Cognition and Sleep among Chinese Couples: A Longitudinal Actor–Partner Interdependence Model Analysis**

YU GUO, *Institute for Population and Development Studies School of Public Policy and Administration Xi'an Jiaotong University* • Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*

**The extra cost of ADL disability and cognitive decline among middle-aged and older adults in China**

Jiamin Gao, *Beijing Normal University* • Yichen Jiang, *Peking University*

### Session 1202: Marital Status, Livelihoods, and Well-being in Older Adulthood

Papers in this session examine the extent to which marital status (e.g., remarriage, widowhood) is associated with livelihoods, health, and well-being in older adulthood.

**Time Slot:** 6:00 - 7:30 GMT

**His Intentions, Her Intentions: Marital Histories and Retirement Intentions among European Parents**

Younga Kim, *Korea Labor Institute*

### **Widowhood and Older Adults' Health in China: The Mediation Effects of Social Support**

YU GUO, *Institute for Population and Development Studies School of Public Policy and Administration Xi'an Jiaotong University* • Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*

### **Food insecurity and ill treatment among older adult widows in India**

Ajay Verma, *Banaras Hindu University (BHU)* • JADI BALA KOMARAIHAH, *Banaras Hindu University* • ACHAL GAUR, *Banaras Hindu University* • Adrita Banerjee, *International Institute for Population Sciences (IIPS)*

### **Marital Status, Social Participation and Well-Being of Elderly in India -Study Based on LASI Wave-1**

Bharti Singh, *International Institute for Population Sciences (IIPS)* • Jaydev Bhatwadekar, *Shivaji University, Kolhapur*

## **Session 1203: Intergenerational and Social Support among Older Persons**

Papers in this session address the determinants of intergenerational support as well as examine the implications of intergenerational solidarity and social support/exclusion for the health and well-being of older persons.

**Time Slot:** 8:00 - 9:30 GMT

### **A study on the effects of family size, social support, and mental health status on the subjective well-being of older adults in urban communities-a case from Shaanxi Province**

Chi Zhang, *School of Public Policy and Administration, Xi'an Jiaotong University*

### **Social exclusion and self-reported health among elderly in India: An evidence from Longitudinal Ageing Survey (LASI)**

Mohammed Illias Sheikh, *International Institute for Population Sciences (IIPS)* • Amruta Gujar, *International Institute for Population Sciences* • Babul Hossain, *International Institute for Population Sciences (IIPS)*

### **Intergenerational solidarity, social participation and psychological wellbeing of the elderly in India**

shrestha saha, *National University of Singapore*

### **How Post-Reform Generations Expect Intergenerational Support: Roles of Sustainable Livelihoods and the Sandwich Effect in Rural China**

Bo Yang, *Shaanxi Normal University* • Marcus W. Feldman, *Stanford University* • Shuzhuo Li, *Xi'an Jiaotong University*

## **Session 1204: Ageing and Subjective Well-Being**

This session addresses the determinants of subjective well-being among older persons in Africa, Europe, and South Asia.

**Time Slot:** 10:00 - 11:30 GMT

### **Association of self-perceived income status with psychological distress and subjective well-being: a cross-sectional study among older adults in India**

T. Muhammad, *International Institute for Population Sciences (IIPS)*

**An exploratory study of Subjective well being of older persons age 60 and over living Nairobi**

Alfred Titus Agwanda Otieno, *University of Nairobi* • Ben Obonyo Jarabi, *Lecturer* • Samwel Wakibi, *University of Nairobi* • Anne Khasakhala, *University of Nairobi*

**Time Use Behaviour as Predictor of Health and Well Being among Elderly: Evidence from the Longitudinal Ageing Study of India**

Jyoti Chaudhary, *Indian Institute of Technology Roorkee* • SURESH SHARMA, *Institute of Economic Growth*

**The 'rate of return' of social activity on subjective well-being in middle and older age in European countries**

Darya Kareva, *National research university "Higher school of economics"* • Oxana Sinyavskaya, *National Research University Higher School of Economics and Universiteit Maastricht* • Anna Cherviakova, *Higher School of Economics*

**Session 1205: Ageing and Disability**

This session addresses trends in disabilities as well as healthy aging among older persons. It also discusses the consequences of old-age physical impairments on outcomes such as employment.

**Time Slot:** 12:00 - 13:30 GMT

**Global mapping of dependency in older age**

Maira Colacce, *Instituto de Economía, Universidad de la República* • Julia Córdoba, *Universidad de la República* • Alejandra Marroig, *Universidad de la República* • Graciela Muniz-Terrera, *University of Edinburgh* • Guillermo Sánchez, *Universidad de la República*

**Assessing the Status of Elderly in India: Developing an Index of Healthy Ageing**

Anjali Sharma, *International Institute for Population Sciences (IIPS)* • T.V. Sekher, *IIPS*

**Employment of People with Disabilities in Hearing and Communication: A Cross-sectional Study among Older Persons in Indonesia**

Evi N. Arifin, *Universiti Brunei Darussalam* • Aris Ananta, *Universitas Indonesia* • Chang-Yau Hoon, *Centre for Advanced Research, Universiti Brunei Darussalam*

**Changes in the Prevalence of Disability among Older Adults in India: Longitudinal Influence of Socio-economic and Health-related Factors**

Rashmi Rashmi, *International Institute for Population Sciences (IIPS)* • Ronak Paul, *International Institute for Population Sciences (IIPS)* • Shobhit Srivastava, *International Institute for Population Sciences (IIPS)* • Muhammad T, *Ph.D. Scholar*

**Session 1206: COVID-19 Impacts on Older Adults**

Papers in this session address the impact of COVID-19 pandemic on older adults around the world.

**Time Slot:** 14:00 - 15:30 GMT

**Changes in health and social well-being in the Covid-19 clinically vulnerable older English population during the pandemic**

Giorgio Di Gessa, *University College London* • Debora J. Price, *King's College London*

**The Impact of Covid-19 on the Demographic Structure of an Ageing Society. The Case of Spain**

Miguel González-Leonardo, *Centre d'Estudis Demogràfics* • Jeroen Spijker, *Centre d'Estudis Demogràfics (CED)*

**Profiling ageing in South Africa in the era of the coronavirus pandemic**

Pranitha Maharaj, *University of KwaZulu-Natal* • Shanaaz Rademeyer, *University of KwaZulu-Natal*

**No children, No partner: Loneliness among older adults before and during the COVID-19 pandemic**

Bruno Arpino, *University of Florence* • Christine A. Mair, *University of Maryland, Baltimore County* • Nekehia T. Quashie, *Chulalongkorn University* • Radoslaw Antczak, *SGH Warsaw School of Economics*

**Economic and health inequalities of the elderly in Mexico in times of Covid-19**

Sebastián Jiménez, *Facultad Latinoamericana de Ciencias Sociales (FLACSO)*

**Session 1207: Old-Age Pension, Healthcare, and Welfare Policy Evaluation**

This session brings together research related to the evaluation of pension, healthcare, and welfare policies for older persons.

**Time Slot:** 16:00 - 17:30 GMT

**Pension vieillesse et pauvreté des personnes âgées au Cameroun**

Marcel Nkoma, *Ministry of Economy, Planning and regional development*

**When to claim the pension: analysis of Social Security from the perspective of uncertainty in the age at death**

Sha Jiang, *Stanford University* • Wenyun Zuo, *Stanford University* • Shripad Tuljapurkar, *Stanford University*

**Barriers to access social welfare schemes among the elderly in India: evidences from LASI Wave-I**

Shristi Guha, *International Institute for Population Sciences (IIPS)* • Md Illias K Sheikh, *International Institute for Population Sciences*

**Age reporting in the Brazilian COVID-19 vaccination database: What can we learn from it?**

Cassio M. Turra, *Demography Department, Cedeplar, UFMG* • Fernando Fernandes, *Independent Consultant & Researcher* • Julia Calazans, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)* • Marília Nepomuceno, *Max Planck Institute for Demographic Research (MPIDR)*

**Theme 13: Family Planning and Contraception – Leela Visaria**

**Session 1301: Postpartum Contraceptive Needs and Use**



The papers deal with estimating contraceptive needs and use during the postpartum period in African countries as well as discuss the relationship between unintended pregnancy and postpartum contraceptive use.

**Time Slot:** 14:00 - 15:30 GMT

**Postpartum contraceptive use among low-income urban populations: insights from Accra, Ghana**

Caesar Agula, *Regional Institute for Population Studies (RIPS)* • Elizabeth G. Henry, *Harvard TH Chan School of Public Health* • Patrick Asuming, *University of Ghana* • Akua Obeng-Dwamena • Theophilus Toprah, *Regional Institute for Population Studies (RIPS)* • Charles Asabere, *University of Ghana, Regional Institute for Population Studies* • Martin Wiredu Agyekum, *Regional Institute for Population studies, University of Ghana* • Iqbal Shah, *Harvard T.H. Chan School of Public Health* • Ayaga A. Bawah, *University of Ghana*

**Estimating contraceptive needs in the postpartum period: A longitudinal comparison of six measures of unmet need and demand for contraception among women in Ethiopia**

Celia Karp, *Johns Hopkins Bloomberg School of Public Health* • Sophia Magalona, *Johns Hopkins Bloomberg School of Public Health* • Solomon Shiferaw, *Addis Ababa University* • Assefa Seme, *Addis Ababa University* • Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health*

**Postpartum abstinence and replacement contraceptive use in Africa**

Jacob Adetunji, *U.S. Agency for International Development (USAID)*

**Is unintended pregnancy associated with family planning use in the postpartum period? Using three measures to define the relationship of unintended pregnancy and postpartum family planning**

Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health* • Celia Karp, *Johns Hopkins Bloomberg School of Public Health*

## **Session 1302: Impact of Covid-19 on contraceptive behaviour**

The selected papers deal with the impact of Covid-19 on abortion services, fertility behaviour, disruptions of services in India, Ghana, Moldova and also in seven low and middle-income countries.

**Time Slot:** 12:00 - 13:30 GMT

**Access to Abortion Services among Urban Poor Women during COVID-19 Pandemic Induced Lockdown: Evidence from Agra, India**

Siddharth Agarwal, *Urban Health Resource Center* • Mayaram Sharma, *Urban Health Resource Centre* • C B Sharma, *Urban Health Resource Centre* • Kanupriya Kothiwala, *Urban Health Resource Centre (UHRC)*

**The Impact of COVID-19 on Fertility Behaviour and Intentions in the Republic of Moldova**

Tom Emery, *Erasmus University Rotterdam* • Judith C. Koops, *Netherlands Interdisciplinary Demographic Institute (NIDI)-KNAW/University Of Groningen*

**COVID-19, relationships and contraception: What sexually active emerging adults were doing during the lockdown in Accra**

Adriana A. Biney, *Regional Institute for Population Studies (RIPS)* • Esinam Kayi, *University of Ghana* • Donatus Atiglo, *Regional Institute for Population Studies (RIPS), University of*

Ghana, Legon, P. O. Box LG 96, Accra • Laud Sowah, *University of Ghana, legon* • Delali Badasu, *Regional Institute for Population Studies* • Augustine Ankomah, *Population Council*

### **Session 1303: Barriers to Contraceptive Use**

The papers based on studies from Mexico, India, and Sub-Saharan countries discuss the barriers to contraceptive use and the role of socio-cultural factors including the quality-of-care issues.

**Time Slot:** 14:00 - 15:30 GMT

#### **TRENDS OF REASONS FOR NO USE OF CONTRACEPTION AMONG YOUNG WOMEN AND THE ROLE OF SPORADIC SEX IN MEXICO**

Fatima Juarez, *El Colegio de Mexico* • Gabriela Mejia-Pailles, *National Population Council (CONAPO)*

#### **Differences in quality of care received by age and contraceptive use dynamics among young mothers in India**

Elizabeth Tobey, *Population Council* • Aparna Jain, *Population Council*

#### **Perceptions of husband's fertility preferences and covert contraceptive use in 8 Sub-Saharan African countries**

Dana Sarnak, *Johns Hopkins University, Bloomberg School of Public Health* • Alison Gemmill, *Johns Hopkins Bloomberg School of Public Health*

#### **Socio-Cultural Barriers to Contraceptive Use: An Analysis of Couple's Contraceptive Behaviour in West Bengal**

Aditi Kundu, *Jawaharlal Nehru University* • Bhaswati Das, *Jawaharlal Nehru University*

### **Session 1304: Contraceptive Dynamics: Role of Macro-level Socio-economic Factors**

This session will deal with macro-level factors such as women's agency, male involvement, a household structure that may explain the contraceptive dynamics.

**Time Slot:** 10:00 - 11:30 GMT

#### **Parcours d'entrée en vie féconde et pratiques contraceptives chez les femmes en union dans les pays d'Afrique membre du partenariat de Ouagadougou**

Hervé Bassinga, *Institut Supérieur des Sciences de la Population (ISSP) / Université de Ouagadougou* • Clément Ouedraogo, *INSD Burkina* • Ousmane Barry, *INSD Burkina*

#### **Learnings from a Review on Measuring Women's Agency and Gender Norms in Family Planning: What do we know and where do we go?**

Nandita Bhan, *Center on Gender Equity and Health, UC San Diego* • Edwin Thomas, *Center on Gender Equity and Health, UC San Diego* • Anvita Dixit, *Faculty of Health Sciences, University of Ottawa* • Sarah Averbach, *Center on Gender Equity and Health, UC San Diego* • Arnab Dey, *Pre-Doctoral Fellow* • Namratha Rao, *Center on Gender Equity and Health, UC San Diego* • Rebecca I. Lundgren, *University of California, San Diego* • Jay Silverman, *University of California, San Diego* • Anita Raj, *University of California, San Diego*

#### **FAMILY PLANNING: WHOSE WORK IS IT? A Review of Male Engagement in India's Family Planning Policies**

Sharmishtha Nanda, *International Center for Research On Women (ICRW)* • Amrita Nandy, *Independent* • Aishwarya Sahay, *ICRW* • Sneha Sharma, *ICRW*

**Contraceptive Use Among Women in India: Does the Household Structure Matters?**

Sourav Mondal, *International Institute for Population Sciences (IIPS)* • Manas Ranjan Pradhan

**Session 1305: Global and Macro-level analysis of Contraceptive use Data**

These papers while analyzing global trends in contraceptive use and need data also gauge into the future what the scenario is likely to be in terms of method mix, age patterns.

**Time Slot:** 14:00 - 15:30 GMT

**Global changes in contraceptive method mix and outlook to 2030**

Philipp Ueffing, *United Nations, Population Division* • Vladimira Kantorova, *United Nations* • Mark Wheldon, *United Nations Population Division* • Joseph Molitoris, *United Nations Population Division* • Aisha Dasgupta, *UK Foreign Commonwealth and Development Office*

**The changing nature of community level effects on contraceptive use over time in Sub-Saharan Africa: an analysis of 54 Demographic and Health Surveys**

Nicholas Metheny, *University of Miami* • Rob Stephenson, *University of Michigan*

**Fertility Preferences and Contraceptive Change in LMIC: 1970s to Present**

Mobolaji Ibitoye, *The Ohio State University* • John B. Casterline, *Ohio State University* • Chenyao Zhang, *The Ohio State University*

**Age Patterns of Contraceptive Use and Needs: A Global Comparison**

Vladimira Kantorova, *United Nations* • Mark Wheldon, *United Nations Population Division* • Philipp Ueffing, *United Nations, Population Division* • Aisha Dasgupta, *UK Foreign Commonwealth and Development Office*

**Session 1306: Factors inhibiting continuity in contraceptive use**

The papers explore the reasons for the discontinuation of family planning methods that range from insufficient information to dissatisfaction including temporary spousal absence.

**Time Slot:** 12:00 - 13:30 GMT

**Linking Fertility Preferences and Unintended Birth Outcomes to Fertility Stalls in Sub-Saharan Africa**

David Sánchez Páez, *Université Catholique de Louvain* • Bruno D. Schoumaker, *Université catholique de Louvain (UCL)*

**WHY WOMEN DO NOT USE CONTRACEPTIVES: EXPLORING THE ROLE OF MALE OUT-MIGRATION**

Saradiya Mukherjee, *Population Council* • Bidhubhusan Mahapatra, *Population Council* • Niranjan Saggurti, *Population Council*

**The role of dissatisfaction on contraceptive uptake among ever users and never users in Uganda; evidence from a longitudinal study**

Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health* • Sophia Magalona, *Johns Hopkins Bloomberg School of Public Health* • Celia Karp, *Johns Hopkins Bloomberg School of Public Health* • Saifuddin Ahmed, *Johns Hopkins University*

**Exploring the importance of method information on discontinuation of intrauterine device (IUD) in India using classification and regression tree analysis for survival data**

Rajaram P. Subramanian Potty, *Karnataka Health Promotion Trust* • Jayachandran A A, *Avenir Health (Track20 India Project)*

**Session 1307: Contraceptive Dynamics : Supply side issues**

The three papers deal with family planning services and supply dynamics as opposed to the demand for contraception

**Time Slot:** 16:00 - 17:30 GMT

**Modern contraceptive supply dynamics: findings from a multicounty longitudinal study of FP outlets**

Paul Bouanchaud, *Population Services International (PSI)* • Justin Archer, *Independent Consultant* • Mark Conlon, *Population Services International* • Hildah Essendi, *Population Services Kenya* • Julius Ngigi, *Population Services Kenya* • Anthony Nwala, *SOCIETY FOR FAMILY HEALTH, NIGERIA* • Chinedu Onyezobi, *Society for Family Health Nigeria* • Peter Buyungo, *Population Services International, Uganda* • Noah Nyende, *Population Services International-Uganda* • Raymond Sudoi, *Independent Consultant* • Eden Demise, *Population Services International*

**Differentiating local government performance in strengthening and scaling family planning programming: A mixed methods comparative case study**

Oluwayemisi Ishola, *Johns Hopkins Centre for Communication Programs, The Challenge Initiative, Nigeria* • Emily Das, *Population Services International, India* • Moussa Faye, *IntraHealth* • Sarah Jane Holcombe, *Bill & Melinda Gates Institute for Population and Reproductive Health, Johns Hopkins School of Public Health*

**Family Planning Services and Human Capital Growth: Experimental Evidence from Urban Malawi**

Daniel Maggio, *Cornell University* • Mahesh Karra, *Boston University* • David Canning, *Harvard University*

**Session 1308: Correlates of Infertility and Assisted Reproduction**

The three papers discuss the issues around infertility in the Czech Republic and India.

**Time Slot:** 8:00 - 9:30 GMT

**Patterns of contraceptive use in India according to perceived and indirectly measured fecundity.**

José Antonio Ortega, *Universidad de Salamanca, Spain*

**A dyadic approach to the study of perceived infertility and contraceptive use**

Ester Lazzari, *Australian National University* • Edith E. Gray, *Australian National University*

**The impact of assisted reproduction on fertility trends in the Czech Republic**

Jirina Kocourkova, *Charles University In Prague* • Anna Štastná, *Charles University in Prague and Research Institute for Labour and Social Affairs* • Boris Burcin, *Charles University in Prague* • Ludek Sidlo, *Charles University, Prague*

## **Session 1309: Influence of Ethnicity and Minority status on Contraception Use**

The papers from Ethiopia, Jordan, and India examine the determinants of contraceptive use by ethnic and minority groups in their countries.

**Time Slot:** 12:00 - 13:30 GMT

### **Mending the Gaps in Differential Contraceptive Use in India: The Crucial Role of Identifying Disadvantaged Population**

Ashwani Kumar, *Y.G. Consultants & Services Pvt. Ltd., New Delhi, India* • Jayachandran A A, *Avenir Health (Track20 India Project)* • Yogender Pal Gupta, *Y.G. Consultants & Services*

### **Linguistic identity and choice of contraception methods: The curious reliance of the Bengali speaking community on behavioural methods**

Zakir Husain, *Presidency University* • Pallabi Das, *Indian Institute of Technology Kharagpur* • Inder Sekhar Yadav, *Indian Institute of Technology Kharagpur*

### **Determinants of contraceptive use among Syrians and Syrian refugees in Jordan: A pre-conflict, post-migration comparison**

Maia Sieverding, *American University of Beirut* • Ola Hassan, *American University of Beirut* • Zeina Jamaluddine, *London School of Hygiene and Tropical Medicine*

### **Ethnic minority status and family planning: A mixed-method study in the context of ethnic conflicts of Ethiopia**

D. Susie Lee, *Max Planck Institute for Demographic Research (MPIDR)* • Young Su Park, *Haverford College*

## **Session 1310: Demand and Unmet need for Contraception**

The papers examine the demand for family planning in the context of their unmet need

**Time Slot:** 6:00 - 7:30 GMT

### **Family Planning Performance in India Using a New Composite Performance Index**

Aalok Chaurasia, *Shyam Institute*

### **Factors influencing the discontinuation of long-acting reversible contraception within six months: Evidence from contraceptive calendar data, Indonesia 2017**

Maria Gayatri, *Badan Kependudukan Dan Keluarga Berencana Nasional* • Gouranga Dasvarma, *Flinders University*

### **Demand for family planning satisfied with modern methods: CHAID analysis to identify predictors and women underserved with family planning services in urban Malawi**

Nurudeen Alhassan, *African Institute for Development Policy (AFIDEP)* • Nyovani Madise, *African Institute for Development Policy (AFIDEP)*

### **Women's Negative Attitude towards Contraceptive Acceptance in Asia: Examining the Family Planning Conspiracy beyond Unmet Need Perspective**

Anshul Kastor, *International Institute for Population Sciences (IIPS)*

## Theme 14 Population and Environment – Susana Adamo

### **Session 1401: Impact of environmental factors on population health and well-being (I)**

Environmental factors, including those related to climate change, can directly and indirectly affect human health and wellness. Papers in this session examine the influence of temperature, precipitation, air pollution and the overall local physical environment on the health of children, the elderly and other vulnerable groups.

**Time Slot:** 2:00 - 3:30 GMT

#### **Heat waves and children's health in Ouagadougou**

Émilie Bégin-Galarneau, *Université de Montréal* • Solène Lardoux, *Université de Montréal* • Stéphanie Dos Santos, *Institut de Recherche pour le Développement (IRD) et Institut Supérieur des Sciences de la Population (ISSP)*

#### **Strategies for reducing the burden of climate-sensitive diarrheal infections on young children**

Anna Dimitrova, *Vienna University of Economics and Business* • Alexander Gershunov, *UCSD* • Tarik Benmarhnia, *UCSD*

#### **Spatial Analysis of Social Vulnerability to Environmental Risks: A Study for China Prefectures in 2000 and 2010**

Xueting Li, *Asian Demography Research Institute*

#### **Environmental quality, economic growth, and population changes: Examining Environmental Kuznets Curves for water and air quality in China**

Baoqian LV, *Shanghai University*

#### **The association between exposure to air pollution and multimorbidity: a longitudinal linkage study in China**

Kai Hu, *University of St Andrews* • Katherine Keenan, *University of St Andrews* • Jo Mhairi Hale, *University of St Andrews* • Hill Kulu, *University of St Andrews* • Yang Liu, *Emory University*

### **Session 1402: Multidimensional links: environmental conditions, fertility, and reproductive and maternal health**

The papers explore different aspects of the direct (e.g. pollution, heat waves) and indirect (e.g. food security) influence of environmental conditions on reproductive health.

**Time Slot:** 18:00 - 19:30 GMT

#### **Is living in a region with high groundwater arsenic contamination associated with adverse reproductive health outcomes? An analysis using nationally representative data from India**

Jessie Pinchoff, *Population Council* • Brent Monseur, *Stanford University* • Sapna Desai, *Population Council* • Katelyn Koons, *Jefferson School of Medicine* • Ruben Alvero, *Stanford University* • Michelle Hindin, *The Population Council*

#### **What matters for fertility in Bangladesh: natural disasters or mortality differentials, or both?**

Shah Md. Atiqul Haq, *Shahjalal University of Science and Technology* • Muhammad Abdul Baker Chowdhury, *University of Florida College of Medicine* • Khandaker Ahmed, *The University Of Adelaide, Australia* • Md Jamal Uddin, *Shahjalal University of Science and Technology*

**Maternal exposure to heatwave and birth outcomes: Evidence from sub-Saharan Africa**

Liliana Andriano, *University of Oxford*

**How Does Seasonal Food Insecurity Impact Reproductive Health? A Multi-Country Spatial Analysis of Growing Season Quality and Fertility**

Nina Brooks, *University of Minnesota* • Kathryn Grace, *University of Minnesota, Twin Cities* • Devon Kristiansen, *Minnesota Population Center* • Shraddhanand Shukla, *University of Santa Barbara* • Molly Brown, *NASA Goddard Space Flight Center*

**Women's Reproductive Response to Challenges of an Agricultural Frontier –The Case of Machadinho d'Oeste in the Brazilian Amazon**

Laura L. R. Rodriguez Wong, *Federal University of Minas Gerais, CEDEPLAR* • Juliana Vasconcelos de Souza Barros, *Researcher* • Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)*

**Session 1403: Population shifts and environmental change: past trends, current conditions and future scenarios**

Links between demographic (e.g. aging, urbanization) and environmental processes (e.g. deforestation, climate change) evolve and change over time, and a longitudinal approach contributes to better understand them. Encompassing a variety of topics and geographies –including the analysis of past trends and the development of future scenarios--papers in this session share a longitudinal approach to these complex relationships.

**Time Slot:** 20:00 - 21:30 GMT

**Demographic Change Under Climate Change: Projecting the Future Health(Care) Burden From Heat Waves in the Metropolitan Area of Vienna, Austria**

Erich Striessnig, *University of Vienna* • Roman Hoffmann, *Vienna Institute of Demography, Austrian Academy of Sciences* • Anna Renner, *Vienna University for Economics and Business* • Ingrid Setz, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)* • Leora Courtney-Wolfman, *Vienna Institute of Demography (VID)* • Raya Muttarak, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

**Household Demographics Mediating Livelihoods, Deforestation and Land Use in the Amazon**

Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)*

**Spatial projections of age structured populations in India**

Ingrid Setz, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)* • Erich Striessnig, *University of Vienna* • Samir KC, *IIASA*

**Urbanization trajectories and population exposure to sea elevation climate risk in Mexico**

Héctor Leon Rojas, *El Colegio de Mexico* • Landy Sanchez, *El Colegio de México*

**The life cycle of indigenous Amazonian households, livelihoods, and environmental impacts: changes over 20 years and future perspectives in Ecuador**

Richard Bilborrow, *University of North Carolina at Chapel Hill* • Rosa Victoria Salinas, *Universidad San Francisco de Quito* • Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)*

## **Session 1404: Impact of environmental factors on population health and well-being (II)**

Environmental factors, including those related to climate change, can directly and indirectly affect human health and wellness. Papers in this session examine the influence of temperature, precipitation, air pollution and the overall local physical environment on the health of children, the elderly and other vulnerable groups.

**Time Slot:** 8:00 - 9:30 GMT

### **Inégalités d'accès à l'eau et à l'assainissement améliorés dans l'UEMOA**

Claudia Nono Djomgang, *Institut de Formation et de Recherche Démographiques (IFORD)* • Thierry Bedel Tsafack Waba, *Institut National d'étude démographique* • Natacha Darlène Adda Wadou, *Institut de formation et de recherche démographique*

### **Ethnic disparities in temperature related deaths in the U.S.**

Risto Conte Keivabu, *European University Institute* • Ugofilippo Basellini, *Max Planck Institute for demographic Research* • Emilio Zagheni, *Max Planck Institute for demographic Research*

### **Health impacts of fine particles under climate change mitigation, air quality control, and demographic change in India**

Asya Dimitrova, *Universitat Pompeu Fabra* • Guillaume Marois, *ADRI, Shanghai University* • Gregor Kiesewetter, *IIASA* • Samir K. C., *Wittgenstein Centre (IIASA, VID/ÖAW, WU)* • Peter Rafaj, *IIASA* • Cathryn Tonne, *ISGlobal*

### **Does Air Pollution Putting People at Risk During Covid-19 Pandemic? An Investigation in Mumbai, India**

Subhojit Shaw, *International Institute for Population Science (IIPS)* • Aparajita Chattopadhyay, *International Institute for Population Sciences (IIPS)*

### **Environmental and socio-demographic determinants of under-5 mortality in India: A survival analysis on Indian DHS data**

Vinod Joseph K J, *international Institute for Population Sciences*

## **Session 1405: Human mobility and the environment**

Links between human mobility and environment drivers are complex and layered. Environmental events are rarely the only drivers of mobility, instead several factors - among them the characteristics of the event and the degree of vulnerability - influence the outcome (stay or leave) and the different types of mobility. Across frameworks, scales and settings, papers in this session highlight the many dimensions of the (im)mobility–environment relationship.

**Time Slot:** 10:00 - 11:30 GMT

### **Global risk of flood-induced population displacement**

Kaoru Kakinuma, *Shanghai University* • Michael Puma, *Columbia University* • Yukiko Hirabayashi, *Shibaura Institute of Technology* • Masahiro Tanoue, *National Institute of Environmental Science* • Emerson Baptista, *Asian Demographic Research Institute/Shanghai University* • Shinjiro Kanae, *Tokyo Institute of Technology*



**Using disaggregated poverty data to unravel the risk of immobility in a drought-prone area of Ethiopia**

Marion Borderon, *University of Vienna* • Nega Kassa, *Haramaya University* • Laurence Reboul, *Aix Marseille University* • Yoann Doignon, *Université Catholique de Louvain*

No extended abstract or paper available

**How a Lack of Green in the Residential Environment Lowers the Life Satisfaction of City Dwellers and Increases Their Willingness to Relocate**

Stefanie A. Kley, *University of Hamburg* • Tetiana Dovbishchuk, *Universität Hamburg*

**Perception of environmental change and perception of change in daily life in environmental migration: a comparison**

Jelena Luyts, *Université de Namur* • Florence De Longueville, *Facultés Universitaires Notre-Dame de la Paix, Belgium* • Etienne Piguet, *Université de Neuchâtel* • Loïc Bruening, *Université de Neuchâtel* • Sabine J. F. Henry, *University of Namur*

**Characterizing environmental migrants in Central America's Northern Triangle regional migration flows.**

Susana Beatriz Adamo, *CIESIN-Columbia University* • Ángel G. Muñoz, *IRI-Columbia University* • Carmen González Romero, *IRI-Columbia University*

**Session 1406: Demography, consumption and environmental concerns**

The papers in this session analyze how the recursive relationships between demographic and consumption trends influence and impact environmental change, including climate change.

**Time Slot:** 14:00 - 15:30 GMT

**Global Warming and the Demographic Future**

Tim Dyson, *London School of Economics and Political Science (LSE)*

**Contraception and consumption in the age of extinction: U.S. survey results**

Kelley Dennings, *Center for Biological Diversity*

**The ecological footprint in Brazil: an age-period-cohort approach**

Victor Diógenes, *Universidade Federal da Paraíba* • Ricardo Ojima, *Universidade Federal do Rio Grande do Norte (UFRN)*

**The heterogeneous impact of climatic change on environmental concern in Europe**

Jonas Peisker, *Vienna Institute of Demography* • Roman Hoffmann, *Vienna Institute of Demography, Austrian Academy of Sciences* • Raya Muttarak, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

**Session 1407: People at risk: environmental hazards and population vulnerability**

The characteristics of the environmental hazard and the particular patterns of exposure and vulnerability of the affected population define environmental risks and impact outcomes. Papers in the session address these issues for different geographies, populations, and environmental hazards.

**Time Slot:** 16:00 - 17:30 GMT

**Variations de l'influence des facteurs climatiques sur la taille des ménages en Ouganda entre 2002 et 2014**

Thierry Bédél Tstafack Waba, *Aix-Marseille Université* • Valérie Golaz, *Institut National d'Études Démographiques (INED)*

**Integrating freely available global population and drought datasets for land degradation and population vulnerability monitoring and reporting**

NARCISA PRICOPE, *University of North Carolina Wilmington* • David Lopez-Carr, *University Of California, Santa Barbara, Department Of Geogrpahy* • Kevin Mwenda, *Brown University* • Sanna Sokolow, *University of California Santa Barbara* • Alexander I. Zvoleff, *Conservation International* • Gabriel Daldegan, *Conservation International*

**La perception des acteurs du risque sismique et de leur capacité d'adaptation aux séismes : Cas de l'Anse-à-Veau (Haïti)**

Garry Jourdan, *University of Namur* • Wisly Dieujuste, *Université d'Etat d'Haiti* • Michelet Clerveau, *Université d'Etat d'Haiti* • Sabine J. F. Henry, *University of Namur*

**Large hydropower dams' construction, population mobility and malaria in the Amazonian Brazil**

Igor Johansen, *Universidade de Sao Paulo* • Emilio F. Moran, *Indiana University*

## Theme 15 Data and Methods – Bruno Schoumaker

### Session 1501: Counting and classifying populations

This session focuses on methods for counting and classifying populations, mainly using census data and survey data.

**Time Slot:** 10:00 - 11:30 GMT

**A bottom-up population modelling approach to complement the population and housing census**

Edith Darin, *University of Southampton* • Gianluca Boo, *University of Southampton* • Andrew J. Tatem, *University of Southampton*

**Exploring the automatic generation of census pre-enumeration areas (preEA tool)**

Sarchil Qader, *University of Southampton* • Andrew Harfoot, *University of Southampton* • Mathias Kuepie, *UNFPA* • Sabrina Juran, *UNFPA* • Rosa Valle Piñuela, *UNFPA* • Attila Lazar, *University of Southampton* • Andrew J. Tatem, *University of Southampton*

**Fixing South African household survey data to consistently count people and households**

Amy Thornton, *University of Cape Town* • Martin Wittenberg, *University of Cape Town*

**Applying GIS and Machine Learning to Classify Residential Status of Buildings in Low and Middle Income Countries**

Christopher Lloyd, *University of Southampton* • Hugh Sturrock, *Locational* • Andrew J. Tatem, *University of Southampton*

## Session 1502: Measurement of age and age structures

This session includes a varied set of methodological papers on age and age structures, including data quality issues, stable populations and measurement of changes in median age.

**Time Slot:** 12:00 - 13:30 GMT

### **Partition Theorem in Populations**

Arni Rao, *Medical College of Georgia*

### **Analyzing the quality of age reporting from population censuses for all countries of the world: 1950-2020 census rounds**

Rafaella de Oliveira Carnevali, *Universidade Federal de Minas Gerais (UFMG)* • Patrick Gerland, *United Nations Population Division*

### **A decomposition of sources of change in population size and median age, 1970-2020**

Thomas Pullum, *Demographic and Health Surveys Program* • Apoorva Jadhav, *U.S. Agency for International Development (USAID)*

### **A model of age heaping with applications to population graduation that retains informative demographic variation**

Dalkhat M. Ediev, *North-Caucasian Academy; Lomonosov Moscow State University; International Institute for Applied Systems Analysis;*

## Session 1503: Covid-19: impacts and methodological challenges

Covid-19: impacts and methodological challenges. Papers on measuring mortality from Covid-19, identifying vulnerable populations, and measuring impacts.

**Time Slot:** 14:00 - 15:30 GMT

### **The World Mortality Dataset: Tracking excess mortality across countries during the COVID-19 pandemic**

Ariel Karlinsky, *Hebrew University* • Dmitry Kobak, *University of Tübingen*

### **Classifying sub-populations vulnerable to the impacts of COVID-19 in urban informal settlements in Nairobi, Kenya: An exploratory analysis using unsupervised learning**

Jessie Pinchoff, *Population Council* • Nandita Rajshekhar, *Consultant* • Christopher Boyer, *Harvard School of Public Health* • Timothy Abuya, *Population Council* • Eva Muluve, *Population Council* • Daniel Mwanga, *Population Council* • Faith Mbushi, *Population Council* • Karen Austrian, *Population Council - Kenya*

### **Methodological adaptations using Mobile Phone Surveys to inform Covid-19 response in Kenya**

Eva Muluve, *Population Council* • Daniel Mwanga, *Population Council* • Faith Mbushi, *Population Council* • Beth Kangwana, *Population Council* • Timothy Abuya, *Population Council* • Daniel Osuka, *Population Council* • Karen Austrian, *Population Council - Kenya*

### **Counting the death toll of COVID-19**

Jean-Marie Robine, *Institut National de la Santé et de la Recherche Médicale (INSERM)* • Florian Bonnet, *Institut National d'Études Démographiques (INED)*

### **How Covid-19 may affect population distributions across the US states?**

Leiwen Jiang, *Shanghai University and Population Council* • Hamidreza Zoraghein, *Population Council*

## Session 1504: Estimating and modelling mortality

This session includes new methods for estimating and modelling mortality. A variety of perspectives, data sources and age groups are covered.

**Time Slot:** 14:00 - 15:30 GMT

### **Robustness and bias of excess death estimates under varying model specifications**

Jonas Schöley, *Max-Planck Odense Center on the Biodemography of Aging*

### **Using parental survival histories in low- and middle-income countries to estimate mortality over age 50: Assessing selection bias**

Ashira Menashe-Oren, *Universite catholique de Louvain (UCL)* • Benjamin-Samuel Schlüter, *Louvain University (UCL)* • Bruno Masquelier, *Louvain University (UCL)* • Stephane Helleringer, *Johns Hopkins University*

### **Using Vital Registration Data for Estimating Under-Five Mortality in Low and Middle-Income Countries**

Andrea Verhulst, *University of Pennsylvania* • Julio E. Romero Prieto, *London School of Hygiene and Tropical Medicine (LSHTM)* • Michel Guillot, *University of Pennsylvania*

### **Modelling weekly mortality incorporating annual trends**

Joanne Ellison, *University of Southampton* • Jason Hilton, *University of Southampton* • Erengul Dodd, *University of Southampton* • Jonathan J. Forster, *University of Warwick* • Peter W. F. Smith, *University of Southampton* • Jakub Bijak, *University of Southampton*

## Session 1505: Modelling and forecasting mortality

This session mainly focuses on methods for estimating and forecasting mortality levels and age patterns.

**Time Slot:** 16:00 - 17:30 GMT

### **Dynamic modeling of mortality via mixtures of skewed distribution functions**

Emanuele Aliverti, *Università Ca' Foscari Venezia* • Bruno Scarpa, *Università di Padova* • Stefano Mazzuco, *University of Padova*

### **Forecasting vital rates from demographic summary measures**

Carlo Giovanni G. Camarda, *Institut National d'Études Démographiques (INED)* • Jose Manuel Aburto, *Max Planck Institute for Demographic Research*

### **Empirical Evidence of the Rotation of the Age Pattern of Mortality Decline**

Peter Vekas, *Corvinus University of Budapest 1093 Budapest Fovam ter 8.*

### **Estimating and forecasting age-specific maternal mortality rates in Brazil**

Bernardo L. Queiroz, *Universidade Federal de Minas Gerais* • Marcia C. Castro, *Harvard University* • Ricardo Pedroso, *Universidade Federal de Minas Gerais*

## Session 1506: Creating and using international or historical datasets

This session focuses on the creation and use of international datasets and historical datasets. It includes presentation on new datasets, as well as methods developed for creating international datasets.

**Time Slot:** 16:00 - 17:30 GMT

**Integrating census and residence permit data to estimate annual bilateral migration flows for South America, 1986-2020.**

Andrea Aparicio-Castro, *University of Manchester* • Arkadiusz Wisniowski, *University of Manchester* • Francisco Rowe, *University of Liverpool* • Mark Brown, *University of Manchester*

**The New French Human Mortality Database**

Florian Bonnet, *Institut National d'Études Démographiques (INED)*

**Estimating stillbirth and stillbirth-adjusted infant mortality: modeled and empirical evidence**

Payal Hathi, *University of California, Berkeley*

**The state of migration and mobility data in Europe: A systematic quality assessment of Eurostat migration data**

Maciej Danko, *Max Planck Institute for Demographic Research (MPIDR)* • Jarl Mooyaart, *Netherlands Interdisciplinary Demographic Institute (NIDI)-KNAW, University of Groningen, Groningen, Netherlands* • Emanuele Del Fava, *Max Planck Institute for Demographic Research (MPIDR)* • Domantas Jasilionis, *Max Planck Institute for Demographic Research / Vytautas Magnus University* • Dmitri A. Jdanov, *Max Planck Institute for Demographic Research / National Research University Higher School of Economics* • Emilio Zagheni, *Max Planck Institute for demographic Research*

**Estimating the average age of infant deaths: a flexible model life table based on newly collected data**

Julio E. Romero Prieto, *London School of Hygiene and Tropical Medicine (LSHTM)* • Andrea Verhulst, *University of Pennsylvania* • Michel Guillot, *University of Pennsylvania*

**Session 1507: Fertility and sexual and reproductive health: new methods**

This session includes a variety of papers on new methods on fertility and SRH : data collection, indirect methods, forecasting.

**Time Slot:** 18:00 - 19:30 GMT

**Improving methodology for fertility forecasting through the incorporation of individual-level data and population-level parity information**

Joanne Ellison, *University of Southampton* • Ann M. Berrington, *University of Southampton* • Erengul Dodd, *University of Southampton* • Jonathan J. Forster, *University of Warwick* • Jakub Bijak, *University of Southampton*

**Data Performativity in Sexual and Reproductive Health: A critical reflection on the constructions and uses of surveys**

Joe Strong, *London School of Economics and Political Science (LSE)*

**Analysing Individuals' Fertility Behaviour Using Machine Learning Techniques: An Application of Random Survival Forest to French Data**

Isaure Delaporte, *University of St Andrews* • Hill Kulu, *University of St Andrews*

**Imputation of full birth histories from census data: a rediscovered method for the detailed analysis of fertility**

Ian M. Timaeus, *LSHTM*

## Session 1508: Data quality: from pregnancy to death

This session focuses on data quality for different types of events : pregnancy, abortion, birth registration, under-five mortality and adult mortality. It uses a variety of perspectives in different contexts.

**Time Slot:** 2:00 - 3:30 GMT

### **How reliable are self-reported estimates of birth registration completeness from household surveys? Comparison with vital statistics systems**

Tim Adair, *University of Melbourne* • Alan Lopez, *Institute of Health Metrics and Evaluation*

### **A comparative analysis of pregnancy reporting and differentials in under-five mortality in HDSS**

Hallie Eilerts, *London School of Hygiene and Tropical Medicine (LSHTM)* • Julio E. Romero Prieto, *London School of Hygiene and Tropical Medicine (LSHTM)* • Kobus Herbst, *Africa Health Research Institute (AHRI) and DSI-MRC South African Population Research Infrastructure (SAPRI)* • Dickman Gareta, *Africa Health Research Institute (AHRI)* • Sammy Khagayi, *Kenya Medical Research Institute (KEMRI)/CDC Research and Public Health Collaboration* • Momodou Jasseh, *Medical Research Council Unit The Gambia at London School of Hygiene and Tropical Medicine (LSHTM)* • Georges Reniers, *London School of Hygiene and Tropical Medicine (LSHTM)*

### **Assessing mortality registration in Kerala: The MARANAM Study**

Sneha Mani, *University of Pennsylvania* • Aashish Gupta, *University of Pennsylvania*

### **Using multilevel regression and post-stratification to improve abortion incidence estimation**

Marija Pejcinovska, *University of Toronto* • Monica Alexander, *University of Toronto*

## Session 1509: Human capital, labour, standard of living and inequality

A set of methodological papers on human capital, labor market, standard of living and inequality, in various contexts with different data sources.

**Time Slot:** 4:00 - 5:30 GMT

### **A Dynamic Labor Utilization Framework: Setting the Under-employment Threshold**

Gilbert Montcho, *Université de Montréal* • Yves Carriere, *Université de Montréal*

### **Data quality on out-of-pocket spending on institutional delivery from National Family and Health Survey in India: Validity and Comparability**

Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)* • Shri Kant Singh, *International Institute for Population Science (IIPS)* • Santosh Sharma, *International Institute for Population Sciences (IIPS)*

### **How public and private transfers have shaped levels and trends of US economic inequality in recent decades**

Gretchen Donehower, *University of California, Berkeley* • Michael Abrigo, *Philippine Institute for Development Studies* • Ronald D. Lee, *University of California, Berkeley* • Andrew Mason, *University of Hawaii At Manoa*

### **Quantification of creativity and related limitations: Evidence collected from school going adolescents**

Safrin Begum, *International Institute for Population Sciences (IIPS)*

## Session 1510: Fertility: measurement and data quality

This session mainly focuses on the measurement of fertility with various methods, as well as on data quality of survey data.

**Time Slot:** 6:00 - 7:30 GMT

### **Estimation of Total Fertility Rate in Smaller Domain Using Female's Current Age**

Brijesh P. Singh, *Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, India*

### **On the empirical study of fertility transition: A case for the use of age-adjusted measures in multivariate analysis**

Pedzisai Ndagurwa, *University of the Witwatersrand, Johannesburg* • Clifford O. Odimegwu, *University of the Witwatersrand*

### **Examination of the Quality of Sample Registration System Data on Births and Deaths Data in India and Major States**

Ajit Yadav, *GIZ* • Faujdar Ram, *International Institute for Population Sciences (IIPS)*

### **Approaches to Study Parity Progression of Fertility with illustrative application to India's National Family Health Survey**

Padum Narayan, *Gauhati University* • Arvind Pandey, *ICMR - National Institute of Medical Statistics*

## Session 1511: Measurement of mortality and causes of death

This session focuses on the measurement of mortality, with an emphasis on causes of death and mortality differentials.

**Time Slot:** 8:00 - 9:30 GMT

### **Comparability of sub-national cause-specific mortality data across national populations. Is there a reasonable way to redistribute ill-defined causes?**

Pavel Grigoriev, *Federal Institute for Population Research (BiB)* • Florian Bonnet, *Ecole normale supérieure de Paris-Saclay* • Michael Muehlichen, *Federal Institute for Population Research (BiB)* • France Meslé, *Institut National d'Études Démographiques (INED)*

### **Low-cost sibling methods for measuring adult mortality**

Bruno Masquelier, *Louvain University (UCL)* • Ashira Menashe-Oren, *Université catholique de Louvain (UCL)* • Georges Reniers, *London School of Hygiene and Tropical Medicine (LSHTM)* • Ian M. Timaeus, *LSHTM*

### **Studying multiple causes of death in the absence of death certificates: taking advantage of probabilistic cause-of-death estimation methods (InterVA)**

Ariane Sessego, *Ecole Normale Supérieure* • Géraldine Duthé, *Institut National d'Études Démographiques (INED)* • Yempabou Bruno Lankoande, *Institut National d'Études Démographiques (INED)/Institut Supérieur des Sciences de la Population (ISSP)* • Kassoum Dianou, *Observatoire de population de Ouagadougou*

### **Completeness of death registration in India: An empirical approach**

Krishna Kumar, *Jawaharlal Nehru University* • Nandita Saikia, *Jawaharlal Nehru University*

### **Bayesian reconstruction of multi-state mortality**

Andrea Tamburini, *Vienna Institute of Demography* • Dilek Yildiz, *Wittgenstein Centre for Demography and Global Human Capital*

## **Session 1512: Demographic trends: estimates and projections**

This session includes methodological papers on the measurement of trends and projections of various demographic components (e. g. fertility, migration).

**Time Slot:** 22:00 - 23:30 GMT

### **Do Recent Trends in Total Fertility Mean European Countries and Australia Are Facing Population Decline?**

Nick Parr, *Macquarie University*

### **Age- and Sex-Specific Estimates of Migration Flows in Asia-Pacific**

Tianyu Shen, *Australian National University* • James Raymer, *Australian National University*  
• Qing Guan, *Australian National University*

### **Integrating expert opinions and data to estimate and forecast international migration**

Arkadiusz Wisniowski, *University of Manchester*

### **Bayesian Projections of the Total Fertility Rate for Improvements in Education and Family Planning**

Daphne Liu, *University of Washington Department of Statistics* • Adrian Raftery, *University of Washington, Seattle*

### **Future levels of fertility in sub-Saharan Africa: Parity-based projections**

Thomas Spoorenberg, *United Nations, Population Division* • Mathias Lerch, *Ecole Polytechnique Fédérale De Lausanne (epfl-eth)*

### **Global Population Change & Economic Convergence of World Countries: Meaning and Implications for Global Inequality**

Parfait Eloundou-Enyegue, *Cornell University* • Sarah Giroux, *Cornell University* • Mila Cantar, *Cornell University* • Shoshanna Hoover, *Cornell University* • Kristie Lebeau, *Cornell University* • Kimberly Pollock, *Cornell University* • Clara Rice, *Cornell University* • Jenna Shelton, *Cornell University* • Michael Zhang, *Cornell University*

## **Session 1513: Fertility, fertility preferences and contraception: data and methods**

Fertility, fertility preferences and contraception: data and methods.

**Time Slot:** 20:00 - 21:30 GMT

### **Evaluating responses on fertility intention and uncertainty: the case of open-ended questions**

Xiao Xu, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Anne H. Gauthier, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Gert Stulp, *University of Groningen* • Antal van den Bosch, *Meertens Institute*

### **The Human Multiple Births Database (HMBD), an international, open access database on twin and other multiple births**

Catalina Torres, *Muséum National D'histoire Naturelle* • Arianna Caporali, *Institut National d'Études Démographiques (INED)* • Gilles Pison, *Muséum National D'histoire Naturelle*

### **Measuring dynamic contraceptive use: The quality and consistency of DHS calendar data**



Sarah E. K. Bradley, *Abt Associates* • Dana Sarnak, *Johns Hopkins Bloomberg School of Public Health* • Eve Brecker, *Population Reference Bureau (PRB)* • Kaitlyn Patierno, *Population Reference Bureau*

**Estimating Desired Family Size with Demographic Survey Data: A Synthetic Cohort Approach**

Jason Thomas, *Ohio State University* • John B. Casterline, *Ohio State University*

**Session 1514: Data and methods: a medley of perspectives**

Data and methods: a medley of perspectives. This includes a variety of unrelated but interesting papers. Their common point is that the authors were available during the same time slot.

**Time Slot:** 18:00 - 19:30 GMT

**Measuring the concentration of urban population in the negative exponential model using the Lorenz curve, Gini coefficient, Hoover dissimilarity index, and relative entropy**

Joel E. E. Cohen, *Rockefeller University and Columbia University*

**Is NRR time-sensitive in measuring population replacement level?**

Arni Rao, *Medical College of Georgia*

**Analyzing and adjusting item ordering to minimize respondent attrition in web-based surveys: Lessons learned from the VOCES-19 study in Mexico**

Silvana Larrea Schiavon, *Population Council* • Lina Lopez-Lalinde, *Population Council* • Juan Pablo Gutiérrez, *National Autonomous University of Mexico* • Isabel Vieitez, *Population Council* • René Nevárez, *Population Council* • Pablo López, *Population Council* • Nicole A. Haberland, *Population Council* • Cristina Mac Gregor, *Population Council* • Thoai Ngo, *Population Council*

**The effect of sample attrition on cross-sectional estimates of health in SHARE and SILC surveys**

Magdalena Muszynska-Spielauer, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)* • Martin Spielauer, *Austrian Institute of Economic Research (WIFO)*

**Power and process: women's influence in the process of decision-making in Ghana**

Naa Dodoo, *University of Ghana* • Francis Dodoo, *Pennsylvania State University*

**Social mobility across three generations: a comparison between sequence analysis and lexical analysis**

Delphine Remillon, *Institut National d'Études Démographiques (INED)* • Eva Lelièvre, *Institut National d'Études Démographiques (INED)*

**Theme 16: Spatial Demography and Human Geography – James Raymer**

**Session 1601: Migration experiences and population distributions**

This session focuses on migration experiences and population distributions.

**Time Slot:** 6:00 - 7:30 GMT

**Migration Capital: Do past migration experiences affect the formation and realization of migration intentions?**

Aude Bernard, *University of Queensland* • Sunganani Kalemba, *The University of Queensland* • Toan Nguyen, *The University of Queensland*

**Projecting the spatial distribution of ethnic groups: Applying a spatial dynamic microsimulation model to the population of Auckland, New Zealand**

Michael Cameron, *University of Waikato* • MOHANA MONDAL • Jacques Poot, *University of Waikato*

**The Choice of Residential Locations in an Urban Space: Segregation or Congregation? A Study of the City of Trivandrum, Kerala, India**

Neeha Jacob, *Centre for Development Studies*

**A spatial analysis of begging in India using Census data**

Aditya Singh, *Banaras Hindu University (BHU)* • Olivier Brito, *University of Paris*

**Session 1602: Modelling international movements and responses to Covid-19**

This session uses innovative methods and data to model the population movements in general and in response to the Covid-19 pandemic.

**Time Slot:** 8:00 - 9:30 GMT

**Using Twitter to Track Immigration Sentiment During Early Stages of the COVID-19 Pandemic**

Francisco Rowe, *University of Liverpool* • Michael Mahony, *University of Liverpool* • Eduardo Graells-Garrido, *Barcelona Supercomputing Centre* • Marzia Rango, *International Organization for Migration* • Niklas Sievers, *International Organization for Migration*

No extended abstract or paper available

**Modeling international migration flows by integrating administrative and survey data**

Emanuele Del Fava, *Max Planck Institute for Demographic Research (MPIDR)* • Arkadiusz Wisniowski, *University of Manchester* • Emilio Zagheni, *Max Planck Institute for demographic Research*

**Where are the Spaniards moving after the outbreak of the COVID-19 pandemic?**

Miguel González-Leonardo, *Centre d'Estudis Demogràfics* • Antonio Lopez-Gay, *Centre d'Estudis Demogràfics (CED), Universitat de Barcelona*

**Forecasting Intensive Care Unit Demand during the COVID-19 Pandemic: A spatial age-structured Microsimulation Model**

Sebastian Kluesener, *Federal Institute for Population Research* • Ralf Schneider, *HLRS* • Matthias Rosenbaum-Feldbrügge, *Federal Institute for Population Research (BiB)* • Christian Dudel, *Max Planck Institute for Demographic Research* • Elke Loichinger, *Federal Institute for Population Research (BiB)* • Nikola Sander, *Federal Institute for Population Research (BiB)* • Andreas Backhaus, *Federal Institut for Population Research* • Emanuele Del Fava, *Max Planck Institute for Demographic Research (MPIDR)* • Janina Esins, *RKI* • Martina Fischer, *RKI* • Linus Grabenhenrich, *RKI* • Pavel Grigoriev, *Federal Institute for Population Research (BiB)* • André Grow, *University of Leuven (KU Leuven)* • Jason Hilton, *University of Southampton* • Bastian Koller, *HLRS* • Mikko Myrskylä, *Max Planck Institute for Demographic Research and London School of Economics and Political Science (LSE)* • Qifeng Pan, *HLRS* • Francesco Scalone, *Università di Bologna* • Martin

Wolkewitz, *University of Freiburg* • Emilio Zagheni, *Max Planck Institute for demographic Research* • Michael M. Resch, *HLRS*

## **Session 1603: Spatial population dynamics**

This session examines how fertility, mortality and populations are changing over time.

**Time Slot:** 10:00 - 11:30 GMT

### **Les déterminants de la dynamique spatiale de la ville de Pointe-Noire de 1960 à nos jours**

Jovial Koua oba, *Ministère Du Plan*

### **Analysing population decline trajectories in regional Europe: a sequence analysis**

Niall Newsham, *University of Liverpool*

### **The end of the regional convergence in mortality in the European Union? Evidence from France and Germany**

Florian Bonnet, *Institut National d'Études Démographiques (INED)* • Pavel Grigoriev, *Federal Institute for Population Research (BiB)* • France Meslé, *Institut National d'Études Démographiques (INED)* • Michael Muehlichen, *Federal Institute for Population Research (BiB)*

### **Continuity and change in spatial patterns in UK fertility: the case of London**

Hannaliis Jaadla, *University of Cambridge* • Alice Reid, *University of Cambridge* • Eilidh Garrett, *Cambridge University*

## **Session 1604: Vulnerable populations at risk**

This session examines a range of populations at risk of displacement, morbidity, mortality and poverty.

**Time Slot:** 12:00 - 13:30 GMT

### **Does place matter? Regional variation in the SES-mortality gradient among retired German men**

Georg Wenau, *Max Planck Institute for Demographic Research* • Pavel Grigoriev, *Federal Institute for Population Research (BiB)* • Sebastian Klüsener, *Federal Institute for Population Research (BiB)* • Roland Rau, *University of Rostock* • Vladimir M. Shkolnikov, *Max Planck Institute for Demographic Research and New Economic School, Russia*

### **Developing a COVID-19 Vulnerability Index for the South African context: a dashboard of geographic risk to inform interventions**

Helen North, *Statistics South Africa* • Anneline Creighton, *Statistics South Africa*

### **Individual perceptions on rainfall variations versus metric precipitation trends in two contrasted neighbourhoods in Abidjan, Côte d'Ivoire.**

Attoumane ARTADJI, *Institut de Recherche pour le Développement (IRD)* • Stéphanie Dos Santos, *Institut de Recherche pour le Développement (IRD) et Institut Supérieur des Sciences de la Population (ISSP)* • Modeste Kacou, *Laboratoire des Sciences de la Matière, de l'Environnement et de l'Energie Solaire (LASMES)* • Andre Alla Della, *Institut de Géographie Tropicale (IGT), Université Felix Houphouet Boigny* • Abdul Wahab Karamoko, *Institut de Géographie Tropicale (IGT), Université Felix Houphouet Boigny* • Luc Séguis, *HydroSciences Montpellier (HSM), Université de Montpellier, CNRS, IRD,*

Montpellier • Eric-Pascal Zahiri, *Laboratoire des Sciences de la Matière, de l'Environnement et de l'Energie Solaire (LASMES)*

**Association of consumption poverty and multidimensional poverty in India: a district-level spatial analysis**

Guru Vasishtha, *International Institute for Population Sciences (IIPS)* • Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)*

**Session 1605: Spatial networks, clusters and accessibility**

This session includes analyses that examine linkages across spatial units to examine networks, clusters and accessibility.

**Time Slot:** 14:00 - 15:30 GMT

**Female Labor Force Participation and Care of Children in Coastal New Jersey**

Katerine Ramirez, *Monmouth University*

**Olden data, new insights: the network analysis for a regionalization of the Brazilian intermunicipal migration - 1991, 2000, 2010.**

Álvaro D'Antona, *UNICAMP* • Jarvis Campos, *UFRN* • Ricardo Ojima, *Universidade Federal do Rio Grande do Norte (UFRN)* • Silvana Nunes de Queiroz, *Universidade Regional do Cariri* • Wilson Fusco, *Fundação Joaquim Nabuco*

**Way out of town – are long-distance relationships a response to local partner scarcity?**

Andreas Filser, *Institute for Employment Research (IAB)* • Richard Preetz, *Socium Research Center On Inequality And Social Policy, University Of Bremen, Germany*

**Cosmopolitan cities or the “Great White North”? A small-scale hierarchical cluster analysis of 4,689 Canadian census subdivisions**

Leora Courtney-Wolfman, *Austrian Academy of Sciences*

**Session 1606: Augmenting census and other data to better understand spatial population distributions**

This session focuses on methods to augment census and other data to further understand how populations are distributed.

**Time Slot:** 16:00 - 17:30 GMT

**Spatial assessment of the gender bias in child mortality at the district level in India, 1991-2011**

Akansha Singh, *Durham University* • Bruno Masquelier, *Louvain University (UCL)*

**Harnessing the predictive power of community workshops, geospatial data, and Bayesian statistics to address census omissions in remote areas of Colombia**

Lina Sanchez-Cespedes, *Departamento Administrativo Nacional de Estadística (DANE)* • Glenn Amaya-Cruz, *Departamento Administrativo Nacional de Estadística* • Mariana Ospina-Bohórquez, *Departamento Administrativo Nacional de Estadística* • Douglas Leasure, *WorldPop, Department of Geography and Environmental Sciences, University of Southampton* • Natalia Tejedor-Garavito, *WorldPop, Department of Geography and Environmental Sciences, University of Southampton*

**Developing a global living standards measure using census microdata**

Rodrigo Lovaton Davila, *Minnesota Population Center* • Sula Sarkar, *University of Minnesota*

**Assessing Biases of Facebook Data to Nowcast Migrant Stocks in the United States**

Esther Denecke, *Max Planck Institute for Demographic Research (MPIDR)* • Monica Alexander, *University of Toronto* • Emanuele Del Fava, *Max Planck Institute for Demographic Research (MPIDR)* • Emilio Zagheni, *Max Planck Institute for demographic Research*

**Session 1607: Geographic variations in education and health**

This session examines geographic variations and inequalities related to education, sexual and reproductive health services and Covid-19.

**Time Slot:** 18:00 - 19:30 GMT

**Geographic Inequality of COVID-19 in the United States**

Johannes Norling, *Mount Holyoke College*

**MAPPING THE EDUCATION-GAIN AND EDUCATION-DRAIN: THE ROLE OF INTERNAL MIGRATION IN EDUCATION TRAJECTORIES – BRAZIL, 2007-2017**

José Irineu Rigotti, *Federal University of Minas Gerais* • Marcia C. Castro, *Harvard University* • Renato Hadad, *Pontifícia Universidade Católica de Minas Gerais*

**Variation in burden of Covid-19 pandemic across the federal states in Germany: the role of reported morbidity and selected structural factors**

Marina Kolobova, *Max Planck Institute for Demographic Research (MPIDR)* • Dmitri A. Jdanov, *Max Planck Institute for Demographic Research / National Research University Higher School of Economics* • Domantas Jasilionis, *Max Planck Institute for Demographic Research / Vytautas Magnus University* • Vladimir M. Shkolnikov, *Max Planck Institute for Demographic Research and New Economic School, Russia* • Roland Rau, *University of Rostock*

**Mapping Access to Essential Sexual and Reproductive Health Services in Malawi**

Sainan Zhang, *United Nations Population Fund (UNFPA)* • Mohamed Abd salam EL Vilaly, *United Nations Population Fund (UNFPA)* • Witness Chirinda, *United Nations Population Fund (UNFPA)* • Rachel Snow, *United Nations Population Fund (UNFPA)*

**Theme 17: Population Policy Challenges – Cheikh Mbacke**

**Session 1701: Migration, mobility and population aging**

Population policies most often focus on fertility change even if migration is a fundamental factor in demographic change. This session will discuss the potential role of migration in addressing population aging and demographic decline

**Time Slot:** 8:00 - 9:30 GMT

**How can migration, workforce participation, and education balance the cost of aging in Europe?**

Guillaume Marois, *ADRI, Shanghai University* • Alain Bélanger, *Institut National de la Recherche Scientifique (INRS)* • Wolfgang Lutz, *Wittgenstein Centre*

### **Changed emigration as an anti-ageing formula**

Marianne Tønnessen, *Oslo Metropolitan University* • Astri Syse, *Statistics Norway*

### **Depopulation as a new population policy challenge**

Wolfgang Lutz, *Wittgenstein Centre* • Nicholas Gailey, *University of Vienna*

### **Dual Nature of Circular Migration: Conceptual and Policy Challenges**

Sándor Illés, *Active Society Foundation* • Éva Geller-Lukács, *Eötvös Loránd University* • Áron Kincses, *Hungarian Central Statistical Office*

## **Session 1702: Strengthening the evidence base for inclusive population policies**

The development of effective population policies requires reliable evidence from almost all areas of social life. This session will illustrate this fact through examples from a diversity of settings

**Time Slot:** 10:00 - 11:30 GMT

### **“Reverse Policies?” Reducing the Legal Minimum Age at Marriage Increases Child Marriage in Mali**

Ewa Batyra, *Max Planck Institute for Demographic Research (MPIDR)* • Luca Maria Pesando, *McGill University*

### **Dynamique du travail des enfants au Bénin : Evidences à partir de la méthodologie des Comptes nationaux de transferts (NTA)**

Sam Agbahoungba, *CREG - LAREG* • Latif Dramani, *CREG-CREFAT* • Camille Guidime, *Laboratoire de Recherche en Economie et Gestion (LAREG)* • Jean Baptiste Oga, *Laboratoire de Recherche en Economie et Gestion (LAREG)* • Barthélémy Biao, *Laboratoire de Recherche en Economie et Gestion (LAREG)*

### **Measuring the Invisible: Data and Estimates of the Population Lacking Proof of Legal Identity**

Romesh Silva, *United Nations Population Fund*

### **Stable and non-stable momentum of population growth: Examining the dominating effect of younger age-structure over fast fertility decline in Indian states**

Raj Kumar Verma, *Population Council, India*

## **Session 1703: Population policies and the demographic transition**

This session discusses the role of population policies in the ongoing demographic transition in developing countries. Note: I need to include the paper by Bongaarts: "The Effects of Family Planning Programs on Wanted and Unwanted Fertility in Sub-Saharan Africa" if he is willing to change his availability.

**Time Slot:** 12:00 - 13:30 GMT

### **The Challenges of Accelerating the Fertility Transition in Western Africa**

John May, *George Mason University* • Aristide Romaric Bado, *Department of Statistics and Population Studies, Faculty of Science, University of Western Cape*, • Jean-Pierre Guengant, *Institute of Research for Development*

### **Have post-ICPD population policies adhered to the Cairo Consensus?**

Karen Hardee, *What Works Association*

**The 2018 Population & family planning policy reforms in Pakistan: efficacy, effectiveness, and sustainability**

Muhammad Wazir, *United Nations Population Fund (UNFPA)* • Yilma Melkamu, *Addis Ababa University*

**The Effects of Family Planning Programs on Wanted and Unwanted Fertility in Sub-Saharan Africa**

John Bongaarts, *Population Council*

## Theme 18: Historical Demography – Lionel Kesztenbaum

### Session 1801: Marriage and Reproduction in Historical Populations

With new methods and incredibly rich datasets, recent studies in historical demography are able to address precise issues related to the process of marriage or the determinants of fertility, whether it is the relationship between adverse conditions in early childhood and female reproductive outcomes or the influence of pre-marital sexual activity on fertility and illegitimacy.

**Time Slot:** 8:00 - 9:30 GMT

**An analysis of marriage timing and intensity in nineteenth-century Tasmania**

Isabelle Cherklesly, *Monash University*

**Pre-marital sexual activity and marital fertility during the first demographic transition in Britain**

Alice Reid, *University of Cambridge* • Eilidh Garrett, *Cambridge University* • Hannaliis Jaadla, *University of Cambridge*

**Disease exposure in early life affects female reproduction: Evidence from southern Sweden 1896-2000**

Luciana Quaranta, *Lund University* • Ingrid van Dijk, *Lund University* • Therese Nilsson, *Lund University*

### Session 1802: Consequences of Pandemics: Lessons from History

There is a lot we can learn from historical experiences of epidemics and pandemics, on their indirect effects or on the challenges they pose to organized society.

**Time Slot:** 14:00 - 15:30 GMT

**Putting COVID-19 into historical perspective: evidence from the mortality impact of the 1957-1958 and 1968-1970 flu pandemics in Italian provinces**

Benedetta Scotti, *Bocconi University* • Simone Ghislandi, *Università Bocconi*

**Direct and Indirect Effects of the 1918 Spanish Flu on Infant and Child Mortality in Early Twentieth-Century Madrid**

Diego Ramiro Fariñas, *IEGD-CCHS Spanish National Research Council (CSIC)* • Stanislao Mazzoni, *Consejo Superior de Investigaciones Científicas (CSIC)* • Michel Oris, *University of Geneva*

**The Improvement of Ottoman Population Statistics under the Challenge of 19th. Century Epidemics**

Emine Tonta Ak, *Fatih Sultan Mehmed Vakif Üniversitesi*

**Considering epidemics in the survival analysis of consanguineous children in Colonial Quebec**

Jessica Gagnon-Sénat, *Université de Montréal* • Alain Gagnon, *Université de Montréal* • Lisa Dillon, *Université de Montréal*

**Session 1803: Innovative methods in historical demography for the study of socioeconomic mobility**

This session demonstrates how the use of innovative techniques in historical demography – digital recognition of manual writing, automated family reconstitution, and so on – open new avenues for research on intergenerational social mobility in the long run.

**Time Slot:** 16:00 - 17:30 GMT

**POPP. Project for the optical character recognition of Parisian population censuses**

Sandra Brée, *Centre national de la recherche scientifique (CNRS)* • Thierry Paquet, *Université de Rouen, LITIS* • François Merveille, *GED Campus Condorcet* • Thomas Constum, *CNRS, LITIS* • Nicolas Kempf, *CNRS, LITIS* • Pierrick Traounez, *Université de Rouen, LITIS*

No extended abstract or paper available

**Socioeconomic mobility and economic inequality in the long run in Southern Europe: The area of Barcelona, 16th- 19th centuries.**

Joana Maria Pujades Mora, *Open University Of Catalonia & Center For Demographic Studies, Universitat Autònoma De Barcelona* • Gabriel Brea Martínez, *Centre for Economic Demography, Department of Economic History, Lund University*

**Intergenerational Social Mobility of Chinese Americans Pre-Civil Rights**

Ziyao Tian, *Princeton University* • Yu Xie, *Princeton University* • Xi Song, *University of Pennsylvania*

**Session 1804: Socioeconomic differentials in mortality**

This session is dedicated to inequality in mortality in various historical contexts. It highlights social vulnerability to infectious diseases.

**Time Slot:** 14:00 - 15:30 GMT

**The last Dutch smallpox epidemic: Infectious disease and social inequalities in Amsterdam, 1870-1872**

Katalin Buzasi, *Leiden University Medical Centre* • Sanne Muurling, *Radboud University Nijmegen* • Tim Riswick, *Radboud University Nijmegen*

**Fatal places? A re-analysis of child mortality from the 1911 census of England and Wales**

Alice Reid, *University of Cambridge* • Eilidh Garrett, *Cambridge University* • Hannaliis Jaadla, *University of Cambridge* • Sarah Rafferty, *University of Cambridge*

**Slaves and immigrants to work: in-hospital mortality and morbidity differentials in Campinas, Brazil, 1876-1900**

Matheus Albino, *Universidade Estadual de Campinas (UNICAMP)*



## Theme 19: Families and Households – Albert Esteve

### Session 1901: Consequences of COVID-19 on family life and structure

This session groups four papers addressing covid-19 related issues regarding its consequences on family life and structure. It covers a diversity of methods and regions of the world. There are two cross-national studies and two single country-based studies. The four papers received good evaluations from the external reviewers (3 or above).

**Time Slot:** 16:00 - 17:30 GMT

#### **Early effects of the COVID-19 Lockdown on Children in Rural Bangladesh**

Abu Shonchoy, *Florida International University* • Zaki Wahhaj, *University of Kent* • Momoe Makino, *Institute of Developing Economies*

#### **The lived experience of COVID-19 mortality: quantifying the relationship between excess mortality and family bereavement**

Mallika Snyder, *University of California, Berkeley* • Diego Alburez-Gutierrez • Iván Williams • Emilio Zagheni, *Max Planck Institute for demographic Research*

#### **Impact of the COVID-19 pandemic on support available to mothers in the UK and the USA**

Anushé Hassan, *London School of Hygiene and Tropical Medicine (LSHTM)* • Laure Spake, *University of Otago* • John Shaver, *University of Otago* • Mary Shenk, *The Pennsylvania State University* • Richard Sosis, *University of Connecticut* • Rebecca Sear, *London School of Hygiene and Tropical Medicine (LSHTM)*

#### **Familial consequences of the Covid-19 in Québec: comparison between immigrants and natives**

Vissého Adjiwanou, *Université Du Québec à Montréal* • Solène Lardoux, *Université de Montréal*

### Session 1902: The influence of family structure and dynamics on children's health and well-being

This session groups four papers addressing the implications of family structure and dynamics on children's health and well-being. These papers cover different regions of the world and use different methods and datasets. Three papers are based on single-country studies and one offers a large cross-national perspective. They all have received positive evaluations from reviewers.

**Time Slot:** 8:00 - 9:30 GMT

#### **Union Formation, Within-Couple Dynamics, and Child Well-Being in Global Comparative Perspective**

Ewa Batyra, *Max Planck Institute for Demographic Research (MPIDR)* • Luca Maria Pesando, *McGill University* • Andrés Castro, *Max Planck Institute for Demographic Research* • Hans-Peter Kohler, *University of Pennsylvania* • Frank Furstenberg, *University of Pennsylvania*

#### **Family Complexity and Young Children's Health Outcomes in the UK: A Longitudinal Study**

Michaela Kyclova, *University of St Andrews* • Julia Mikolai, *University of St Andrews* • Nissa Finney, *University of St Andrews* • Katherine Keenan, *University of St Andrews*

**Exploring the relationship between household structure and utilization of maternal health care services in India**

Manas Ranjan Pradhan, *International Institute for Population Sciences (IIPS)* • Sourav Mondal, *International Institute for Population Sciences (IIPS)*

**Family structure and child well-being in Uruguay: The role of family stability and father involvement**

Wanda Cabella, *Universidad de la Republica* • Teresa Castro, *CSIC* • Teresa Martin Garcia, *Consejo Superior de Investigaciones Cientificas (CSIC)* • Ignacio Pardo, *Universidad de la Republica*

**Session 1903: Family transitions in longitudinal perspective**

This session brings together four studies addressing family life transitions from a longitudinal perspective. The session has a wide geographical coverage (Japan, Australia, Belgium, and European cross-national) but they are all high-income countries.

**Time Slot:** 10:00 - 11:30 GMT

**Moving closer for the grandchild? Fertility and geographical mobility of mothers and daughters in Belgium**

Roberta RUTIGLIANO, *University Of Groningen* • Christine Schnor, *UCLouvain* • Zuzana Zilincikova, *Masaryk University*

**Family Trajectories among Immigrants and Their Descendants in Four European Countries**

Hill Kulu, *University of St Andrews* • Julia Mikolai, *University of St Andrews* • Isaure Delaporte, *University of St Andrews* • Chia Liu, *Max Planck Institute for Demographic Research* • Brad Campbell, *Queen's University* • Gunnar Andersson, *Stockholm University*

**Parenthood, Employment, Domestic Labour and Fertility: Piecing the Puzzle together in Australia**

Alyce Raybould, *London School of Hygiene and Tropical Medicine (LSHTM)* • Rebecca Sear, *London School of Hygiene and Tropical Medicine (LSHTM)*

**An alternative version of the second demographic transition? The link between marriage and fertility and changing pathways to first marriage in Japan**

Ryohei Mogi, *Centre for Demographic Studies* • James Raymo, *Princeton University* • Setsuya Fukuda, *National Institute of Population and Social Security Research, Japan* • Miho Iwasawa, *National Institute of Population and Social Security Research, Japan* • Shohei Yoda, *National Institute of Population and Social Security Research*

**Session 1904: Living arrangements in a global perspective**

This session brings together four papers that examine patterns and changes in living arrangements and household structures in four non-western countries: India, Malawi, China, and South Korea, and the Philippines. They use cross-sectional surveys and census data and employ a variety of methods. They offer an excellent overview of changes in living arrangements in non-western societies.

**Time Slot:** 8:00 - 9:30 GMT

**Living with or Apart from Parents? A Comparative Study of Young Adults' Living Arrangements in China and South Korea**

Soo-Yeon Yoon, *Sonoma State University* • Bin Lian, *University of Illinois at Urbana-Champaign*

**Data-driven versus traditional definitions of household membership and household composition in demographic studies: does latent class analysis produce meaningful groupings?**

Estelle McLean, *London School of Hygiene and Tropical Medicine (LSHTM)* • Alison Price, *London School of Hygiene and Tropical Medicine* • Luigi Palla, *University of Rome La Sapienza* • Emma Slaymaker, *London School of Hygiene and Tropical Medicine (LSHTM)* • Abena Amoah, *London School of Hygiene and Tropical Medicine* • Amelia Crampin, *Karonga Prevention Study* • Albert Dube, *Malawi Epidemiology and Intervention Research Unit* • Fredrick Kalobekamo, *Malawi Epidemiology and Intervention Research Unit* • Rebecca Sear, *London School of Hygiene and Tropical Medicine (LSHTM)*

**Temporal-spatial patterns of one-person households in the Philippines, 1990-2010**

Jeofrey B. Abalos, *National University of Singapore* • Wei-Jun Yeung, *National University of Singapore*

**The geography of the joint family structure in India : between demographic, socioeconomic and spatial patterns**

Thomas Licart, *Université Marc Bloch, Strasbourg*

## Theme 20: Union Formation and Dissolution – Dana Hamplova

### Session 2001: Union dissolution around the world: Predictors and outcomes

The session discusses the economic predictors and consequences of divorce and separation.

**Time Slot:** 8:00 - 9:30 GMT

**Trying again: reconciling after cohabitation and marital separation**

Edith E. Gray, *Australian National University* • Ann Evans, *Australian National University* • Anna Reimondos, *Australian National University*

**Who moves out and who keeps the home? Short-term and medium-term mobility consequences of grey divorce in Belgium**

Zuzana Žilincíková, *UCLouvain* • Christine Schnor, *UCLouvain*

**FACTORS ASSOCIATED WITH MARITAL DISSOLUTION AMONG EVER-MARRIED WOMEN IN CAMEROON**

Miranda Ngumbusi Tumanjong, *N/A* • Stephen Wandera Ojiambo, *Makerere University* • Betty Kwagala, *Makerere University*

**Migration and residential outcomes for immigrant-native mixed couples upon separation in Switzerland**

Julie Lacroix, *University of St Andrews*

### Session 2002: Different pathways to residential and non-residential partnerships

The session focuses on the formation of residential and non-residential partnerships, the meaning of the different types of partnerships, and their development.

**Time Slot:** 12:00 - 13:30 GMT

**Temporal Connections between Migration, Marriage, and Non-Marital Unions among Hispanic Immigrant Women in the United States: An Analysis of Competing Risks**

Zohra Ansari-Thomas, *University of Pennsylvania*

**Les caractéristiques de la rencontre : une analyse comparative entre les couples de même sexe et les couples de sexe différent.**

Maïlys Goetschy, *Université Marc Bloch, Strasbourg* • Philippe Cordazzo, *Université de Strasbourg*

**Living apart together in Spain. Different meanings according to life stage: Choice or constraints?**

Momoko Nishikido, *Center for Demographic Studies (Barcelona)* • Teresa Castro Martin, *Consejo Superior de Investigaciones Científicas (csic)*

**How alternatives affect the development of non-cohabiting partnerships: A multidisciplinary perspective**

Richard Preetz, *Socium Research Center On Inequality And Social Policy, University Of Bremen, Germany* • Andreas Filser, *Institute for Employment Research (IAB)*

**Session 2003: Family systems, kinship and marriage timing**

The session focuses on the issue of marriage timing, early marriage, extensive and intensive kinship systems in connection to socio-economic development.

**Time Slot:** 14:00 - 15:30 GMT

**Socio-economic correlates of marital status and marriage timing among adult men in Nigeria**

David Okunlola, *Ekiti State Bureau of Statistics, Ado-Ekiti, Ekiti State, Nigeria* • Olusesan A. Makinde, *Viable Knowledge Masters*

**Attitudes toward Marriage among Afghan Youths: Socio-demographic and Cultural Determinants**

Rasoul Sadeghi, *Tehran University* • Victor Agadjanian, *University of California, Los Angeles*

**A la recherche de déterminants du mariage précoce au Burkina Faso**

Idrissa Kaboré, *Institut Supérieur des Sciences de La Population(issp)* • Bilampoa Gnoumou Thiombiano, *Université Joseph Ki-Zerbo, Ouagadougou* • Jean-François Kobiané, *ISSP* • Dramane Boly, *Institut Supérieur des Sciences de la Population (ISSP)*

**The persistence of intensive kinship: Why Pakistan has the highest rates of cousin marriage in the modern world**

Mary Shenk, *The Pennsylvania State University* • Saman Naz, *The Pennsylvania State University* • Theresa Chaudhry, *Lahore School of Economics*

**Session 2004: Union formation, dissolution, and family trajectories**

The session focuses on the link between unions (in)stability and fertility and on family life courses after union dissolution.

**Time Slot:** 16:00 - 17:30 GMT

### **Union instability and fertility: an international perspective**

Ana Fostik, *Statistics Canada / Statistique Canada* • Mariana Fernandez Soto, *Universidad de la Republica* • Daniel Ciganda, *Max Planck Institute for Demographic Research* • Fernando Ruiz Vallejo, *Universidad Javeriana*

### **Women's family life courses after union dissolution: A comparative analysis**

Sergi VIDAL, *Centre for Demographic Studies* • Maike Van Damme, *Pompeu Fabra University*

### **Childbearing and union dissolution: Do children act as binding or destabilizing actors?**

Valentina Tocchioni, *Università di Firenze* • Daniele Vignoli, *University of Florence* • Eleonora Meli, *Istat* • Bruno Arpino, *University of Florence*

### **Economic Contexts of Intimacy and Marital Dissolution among Young Women in Malawi**

Jeong Hyun Oh, *The University of Chicago*

## **Session 2005: Patterns of union formation around the world**

The session focuses on the issues of educational expansion, changing roles of women, and union formation.

**Time Slot:** 10:00 - 11:30 GMT

### **Educational expansion and marriage change in Thailand**

Premchand Dommaraju, *Nanyang Technological University* • Shawn Wong, *Nanyang Technological University*

### **Long Term Trends of Educational Assortative Mating and Age Difference between Partners in Four Different Contexts**

Alessandra Trimarchi, *University of Vienna* • Ignacio Pardo, *Universidad de la Republica* • Laurent Toulemon, *Institut National d'Études Démographiques (INED)*

### **Cohabitation Vs. Marriage of Women in Mongolia: Freedom, Risk and Observation**

Naranchimeg Baatar, *National University of Mongolia*

### **Consanguinity in wedlock: A cross sectional analysis of Indian DHS data**

Santosh Sharma, *International Institute for Population Sciences (IIPS)* • Deepanjali Vishwakarma, *International Institute for Population Sciences (IIPS)*

## **Theme 21: Health and Morbidity – Nyovani Madise**

### **Session 2101: Estimating impacts of COVID-19 on mortality, morbidity, and society.**

This session will look at measurement issues for SARS-COV-2 as well as broader societal impacts of the virus including the vaccines. Papers will look at measurement issues for number of cases and deaths; quantifying social contacts during lockdowns; and health impacts.

**Time Slot:** 2:00 - 3:30 GMT

### **Quantifying social contact patterns in Minnesota during Stay-at-Home physical distancing order.**

Audrey Dorélien, *University of Minnesota* • Narmada Venkateswaran, *University of Minnesota* • Jiuchen Deng, *University of Minnesota* • Kelly Searle, *University of Minnesota* • Shalini Kulasingam, *University of Minnesota*

**Évolution des discours et perceptions sur la vaccination contre la Covid-19 au Canada. Une analyse des données historiques de twitter.**

Tchango Ngalé Georges Alain, *Université de Montréal* • Vissého Adjiwanou, *Université Du Québec à Montréal*

**Estimating SARS-CoV-2 infections from deaths, confirmed cases, tests, and random surveys**

Nicholas Irons, *University of Washington* • Adrian Raftery, *University of Washington, Seattle*

**Does Psychosocial Support Buffer the Effect of COVID-19 Related Stressors on Mental Health among Chinese during Quarantine?**

Ying Wng, *Xi'an Jiaotong University* • Tolulope Ariyo, *Xi'an Jiaotong University* • Huijun Liu, *Xi'an Jiaotong University* • Chenjuan Ma, *New York University*

**Session 2102: Nutritional Status and its health and socio-economic effects in Asia**

This session will examine linkages between body mass index and depression as well as impacts of COVID on dietary practices in Asia. Papers which examine the education gradient in body-mass index and links between caste groups and childhood undernutrition will also be presented.

**Time Slot:** 4:00 - 5:30 GMT

**Body mass index and depressive symptoms among Chinese older couples: A longitudinal actor-partner interdependence model analysis**

Tingshuai Ge, *Institute for Population and Development Studies, Xi'an Jiaotong University* • Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*

**Educational Gradient in Body Mass Index Trajectories across Cohorts of Indonesian Adults**

Lilipramawanty Liwin, *the Australian National University*

**Herself, and her child—who is worse off? Impact of COVID-19 on dietary practices and welfare of mothers and children in rural Bihar**

Zakir Husain, *Presidency University* • Saswata Ghosh, *Institute of Development Studies Kolkata (IDSK)* • Mousumi Dutta, *Presidency University*

**Increasing disparity in childhood undernutrition across the caste groups in India: Trends during 1992-2016**

Abhishek Kumar, *International Institute for Population Sciences (IIPS)*

**Session 2103: Demographic and socio-economic aspects of health across many geographies**

This session examines demographic and socio-economic aspects of health across many geographies (Africa, Asia, Europe, and Australia).

**Time Slot:** 4:00 - 5:30 GMT

**Health Externality and Air Pollution in the Opencast Coal Mining Region of Odisha**

Anusree Paul, *BML Munjal University* • Indrani Roy Chowdhury

**Demographic and territorial characteristics of COVID-19 cases and excess mortality in the European Union during the first wave**

Anne Goujon, *Joint Research Centre, European Commission* • Daniela Ghio, *European Commission* • Alessandra Conte, *European Commission Joint Research Centre* • Fabrizio Natale, *European Commission Joint Research Centre*

**Older Europeans' health perception and their adaptive behaviour during the COVID-19 pandemic**

Sonja Spitzer, *Wittgenstein Centre for Demography and Global Human Capital* • Mujaheed Shaikh, *Hertie School of Governance* • Daniela Weber, *Wittgenstein Centre, International Institute for Applied Systems Analysis (IIASA), Vienna University of Economics and Business*

**Maternal health heterogeneity: Comparative evidence on reproductive age life expectancy and maternal morbidities in sub-Saharan Africa**

Audrey Kalindi, *School of Demography Australian National University* • Brian Houle, *Australian National University* • Vladimir Canudas-Romo, *Australian National University*

**Impact of India's Conditional Cash Transfer Program on Childhood Immunization Rates**

Ruchi Jain, *National Council of Applied Economic Research, India* • Santanu Pramanik, *National Council of Applied Economic Research, India* • Sonalde B. Desai, *India Human Development Survey*

**Educational Gradient in Healthy Life Expectancies across Europe – the Role of Institutional Structures**

Donata Stonkute, *Max Planck Institute for Demographic Research (MPIDR)*

**Session 2104: Profiles and Patterns of chronic multimorbidity**

This session examines determinants such as migration, gender, and older age on patterns of chronic multimorbidity in different geographical settings. The papers use data from longitudinal and cross-sectional studies using a range of epidemiological approaches.

**Time Slot:** 6:00 - 7:30 GMT

**Profile and patterns of chronic non-communicable diseases multimorbidity among older adults in India**

Parul Puri, *International Institute for Population Sciences, Mumbai*

**Epidemiology of chronic Multimorbidity and Migration in a Rural South African Community undergoing Health Transition**

Armstrong Dzomba, *University of the Witwatersrand, Johannesburg* • Carren Ginsburg, *University of the Witwatersrand, Johannesburg* • Chodziwadziwa Kabudula, *University of the Witwatersrand* • Steve Asimwe, *University of California* • Pedzisai Ndagurwa, *University of the Witwatersrand, Johannesburg* • Mark Collinson, *University of the Witwatersrand* • Michael J. White, *Brown University* • Francesc Gomez-Olive, *Harvard University*

**Interaction of physical activity on the association of obesity-related measures with multimorbidity among older adults: A population-based cross-sectional study in India**

Shobhit Srivastava, *International Institute for Population Sciences (IIPS)*

**Life Expectancy and Healthy Life Expectancy of Migrant and Native-born Population in Australia, 2006–2016**

Guogui HUANG, *Macquarie University* • Fei Guo, *Macquarie University*

**Decrypting gender frames of MorbiNet: Evidence from the Longitudinal Ageing Study in India (LASI), 2020**

Parul Puri, *International Institute for Population Sciences, Mumbai* • Shri Kant Singh, *International Institute for Population Sciences (IIPS)*

**Session 2105: Trajectories in multimorbidity**

The session examines social and economic determinants in trajectories of multimorbidity in low-, middle- and high-income countries.

**Time Slot:** 8:00 - 9:30 GMT

**Rising diabetes in Bangladesh: changing socioeconomic and geographic gradients and the contribution of unhealthy weight**

Sarah Wetzel, *Heidelberg University* • Nikkil Sudharsanan, *Heidelberg University* • Pascal Geldsetzer, *Harvard University*

**Trajectories of multimorbidity in South Africa: a multistate modelling approach**

Anastasia Lam, *University of St Andrews* • Katherine Keenan, *University of St Andrews* • Mikko Myrskylä, *Max Planck Institute for Demographic Research* • Hill Kulu, *University of St Andrews*

**Social inequalities in multimorbidity trajectories in Scotland: longitudinal study using linked census-linked administrative data from middle-aged and older adults**

Katherine Keenan, *University of St Andrews* • Genevieve Cezard, *University of St Andrews*

**Progress, stasis, and regression through the hypertension care continuum: Longitudinal evidence from population-based cohort data in four populous middle-income countries**

Nicole Mauer, *Heidelberg Institute of Global Health* • Pascal Geldsetzer, *Stanford University* • Jennifer Manne, *Harvard University* • Justine Davies, *University of Birmingham* • Andrew Stokes, *Boston University* • Margaret McConnell, *Harvard School of Public Health* • Mohammed Ali, *Emory University* • Volker Winkler, *Heidelberg Institute of Global Health* • Nikkil Sudharsanan, *Heidelberg University*

**Inequalities in healthy lifespans and the effect of variation in health transitions and survival**

Magdalena Muszynska-Spielauer, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)* • Martin Spielauer, *Austrian Institute of Economic Research (WIFO)*

**Session 2106: Early life experiences and impacts on later life health**

Experiences in early life including access to health care, workplace exposures, and socioeconomic disadvantage have an effect in later life health. The session will explore these, drawing from studies in Africa, Europe and Asia .

**Time Slot:** 16:00 - 17:30 GMT

**Coexistence and persistence of disadvantages in adulthood affect late midlife frailty**

Gustavo De Santis, *University of Florence* • Francesca Zanasi, *Florence University* • Elena Pirani, *Florence University*



**Circonstances de décès et recours aux soins des adultes à Ouagadougou, Burkina Faso**

Géraldine Duthé, *Institut National d'Études Démographiques (INED)* • Ariane Sessego, *Ecole Normale Supérieure* • Bruno Lankoande, *Université de Ouagadougou* • Kassoum Dianou, *Observatoire de population de Ouagadougou*

**Free health care for young children and the impacts on later-life medical needs: Evidence from Vietnam**

Khoa Vu, *University of Minnesota*

**Exposure at Workplace and Excess Mortality in Sweden during the 1918 Influenza Pandemic**

Tommy Bengtsson, *Lund University* • Martin Dribe, *Lund University* • Björn Eriksson, *Lund University*

**Session 2107: Use and misuse of preventive and curative treatments: the role of socioeconomic factors**

Poverty and socioeconomic wellbeing have a link with the use or misuse of preventive and curative treatments such as vaccinations, C-Section, antibiotics. papers in this session will draw from data from East and West Africa, Brazil, and Bangladesh.

**Time Slot:** 18:00 - 19:30 GMT

**The role of multidimensional poverty in antibiotic misuse: A mixed-methods study in Kenya, Uganda, and Tanzania**

Dominique Green, *University of St Andrews* • Sarah Huque, *University of St Andrews* • Katherine Keenan, *University of St Andrews* • Stella Neema, *Department of Sociology and Anthropology, Makerere University* • Joseph Mwanga, *Catholic University of Applied Health Sciences* • Annette Aduda, *Kenya Medical Research Institute (KEMRI)* • Derek Sloan, *University of St Andrews* • Mike Kesby, *University of St Andrews* • Mary Abed al Ahad, *University of St Andrews* • Martha Mushi, *Catholic University of Applied Health Sciences* • Stephen Gillespie, *University of St Andrews* • Wilber Sabiti, *University of St Andrews* • Alison Sandeman, *University of St Andrews* • Andy Lynch, *University of St Andrews* • John Kiiru, *Kenya Medical Research Institute (KEMRI)* • Stephen Mshana, *Catholic University of Applied Health Sciences* • Benon Asimwe, *Makerere University* • Matthew Holden, *University of St Andrews*

**Factors Associated with the Change in Vaccination Uptake in Nigeria: A Decomposition Analysis**

Lorretta Favour C. Ntoimo, *Federal University Oye-Ekiti* • Sunday Abatan, *Federal University Oye*

**Effect of COVID-19 on healthcare service provision at the community level in Kenya**

Daniel Mwanga, *Population Council* • Timothy Abuya, *Population Council* • George Odwe, *Population Council* • Charity Ndwiga, *Population Council* • Chantalle Okondo, *Population Council* • John Wanyungu, *Division of Community Health Services, Ministry of Health, Kenya* • Maureen Kimani, *Division of Community Health Services, Ministry of Health, Kenya* • Francis Obare, *Population Council*

**Machine Learning for malaria treatment schema recommendation using routine surveillance data**

Carlos Beluzo, *Universidade Estadual de Campinas (UNICAMP)* • Everton Silva, *Federal Institute of São Paulo* • Natália M. Arruda, *Federal Institute of São Paulo* • Vinícius

Maia, *NEPO* • Bianca Cechetto Carlos, *NEPO* • Tiago Carvalho, *Federal Institute of São Paulo* • Luciana C. Alves, *University of Campinas (UNICAMP)*

**Factor affecting C-section deliveries in Bangladesh: Structural equation modeling approach**

Md. Jakaria Habib, *Jagannath University* • Sutopa Roy, *Department of Statistics, Jagannath University* • Ahmed Abdus Saleh Saleheen, *Jagannath University, Dhaka* • Iqramul Haq, *Sher-e-Bangla Agricultural University, Dhaka* • Shatabdi Shamrita Ume, *Jagannath University, Dhaka*

**Session 2108: Social and demographic factors influencing communicable and non-communicable diseases**

Session looking at social, economic, demographic factors influencing noncommunicable disease, mental health, and communicable disease outcomes.

**Time Slot:** 22:00 - 23:30 GMT

**The influence of marital status and social support on maternal stress in poor urban African settlements**

Shelley Clark, *McGill University* • Madeleine Henderson • Caroline W. Kabiru, *African Population and Health Research Center (APHRC)*

**Neighborhood Factors and the Risk of Noncommunicable Diseases in Ghana**

Winfred A. Avogo, *Illinois State University*

**Mental health and life-course shocks among the global poor: evidence from Malawi**

Alexandra Scheve, *Swarthmore College* • Chiwoza Bandawe, *College of Medicine, Malawi* • Hans-Peter Kohler, *University of Pennsylvania* • Iliana V. Kohler, *University of Pennsylvania*

**The promise of education for increasing awareness of HIV-positive status in southern and eastern Africa?: Differences by age and gender**

Stephanie Chamberlin, *University of Colorado at Denver*

**Population dynamics and malaria occurrence in the main hotspot of the Brazilian Amazonia**

Igor Johansen, *Universidade de São Paulo* • Priscila Rodrigues, *Universidade de São Paulo* • Marcelo Ferreira, *University of São Paulo*

**Session 2109: Spatial and Socioeconomic determinants of child health**

This session focuses on spatial and socioeconomic factors influencing child health in Asia and Africa.

**Time Slot:** 8:00 - 9:30 GMT

**Geographic Disparities in Acute Respiratory Tract Infections among Children in South Africa**

Sindiso Ndlovu, *University of Witwatersrand* • Clifford O. Odimegwu, *University of the Witwatersrand*

**Identifying Geographical Heterogeneity of Under-five Child Nutritional Status in Indian Districts**

Monirujjaman Biswas, *Jawaharlal Nehru University*

**Alcoolisation ponctuelle importante des parents et santé des enfants au Cameroun**

Francklin TEDONGMO NZOYEM, *Université de Maroua* • MONDJELI MWA NDJOKOU, *Université de Yaoundé II*

**Instruction de la mère et malnutrition chronique des enfants au Burkina Faso : effets directs et effets palliatifs**

Sawadogo Maurice, *Institut Supérieur des Sciences de la Population (ISSP)* • Jean-François Kobiané, *ISSP* • Eric Tchouaket, *Université de Québec en Outaouais* • Drissa Sia, *Université du Québec en Outaouais* • Yentema Onadja, *Institut supérieur des sciences de la population* • Parfait Eloundou-Enyegue, *Cornell University*

**Disparités régionales de la mortalité néonatale et infanto-juvénile au Bénin : niveaux et déterminants**

Ahokpossi Yédodé, *Centre de Recherche En Economie et Finance Appliquées de Thiès (CREFAT)* • Banougnin Boladé Hamed, *University of Cape Town, Postdoctoral research fellow*

**Session 2110: Exploring hypotheses of nutritional status and non-communicable diseases**

The session will explore hypotheses of determinants of nutritional status and non-communicable in Asia and Africa.

**Time Slot:** 6:00 - 7:30 GMT

**Regional Variations in Overweight/Obesity in Nigeria: Whither Cosmopolitan-success and Conservative-failure hypothesis?**

Tunde Alabi, *University of Cape Town* • Oluwaseun Badru, *Usman Danfodio University Teaching Hospital, Sokoto State*

**An Assessment of Anthropometric Indices and Its Association with NCDs among the Older Adults of India: Evidence from LASI Wave-1**

Mahadev Bramhankar, *International Institute for Population Sciences (IIPS)* • Mohit Pandey, *international Institute for Population Sciences* • Gursimran Rana • Balram Rai, *IIPS, Mumbai* • Nand Mishra, *International Institute for Population Sciences (IIPS)* • Anandi Shukla, *International Institute for Population Sciences (IIPS)*

**BODY MASS INDEX, HIV AND SOCIODEMOGRAPHIC DETERMINANTS OF HYPERTENSION AMONG 35 TO 70 YEARS POPULATION IN NORTH WEST, SOUTH AFRICA**

Ololade O. J. Baruwa, *North-West University, Mafikeng South Africa* • Lanthe Kruger, *North-West University*

**Cardiovascular disease (CVD) and its associated risk factors among older adults in India: evidence from LASI Wave 1**

Jhumki kundu, *Interernational Institute For Population Sciences, Mumbai*

**Contributors of anaemia among women in Greater Bengal: A comparative study of West Bengal of India and Bangladesh**

Arup Jana, *International Institute for Population Sciences (IIPS)* • Aparajita Chattopadhyay, *International Institute for Population Sciences (IIPS)* • Unnati Saha, *Erasmus MC*

## Session 2111: Estimating COVID-19 risks and self-perceptions

This is a mixed session that looks at statistical estimation of COVID-19 parameters as well as self-perceptions of risk and subjective impacts. The session includes papers from Africa, India, and Europe.

**Time Slot:** 10:00 - 11:30 GMT

### **Demography, social contact patterns, and SARS-CoV-2 transmission in the South West Shewa Zone of Oromia Region, Ethiopia**

Filippo Trentini, *Bruno Kessler Foundation* • Giorgio Guzzetta, *Bruno Kessler Foundation* • Margherita Galli, *Bruno Kessler Foundation* • Agnese Zardini, *Bruno Kessler Foundation* • Fabio Manenti, *CUAMM Doctors with Africa* • Giovanni Putoto, *CUAMM Doctors with Africa* • Valentina Marziano, *Bruno Kessler Foundation* • Worku Nigussa Gamshie, *CUAMM Doctors with Africa* • Ademe Tsegaye, *CUAMM Doctors with Africa* • Alessandro Greblo, *CUAMM Doctors with Africa* • Alessia Melegaro, *Bocconi University* • Marco Ajelli, *Indiana University School of Public Health* • Stefano Merler, *Fondazione Bruno Kessler* • Piero Poletti, *Bruno Kessler Foundation, Trento*

### **Estimation of Effective Reproduction Numbers for COVID-19 using Real-Time Bayesian Method for India and its States**

Rishabh Tyagi, *Max Planck Institute for Demographic Research (MPIDR)* • Laxmi Kant Dwivedi, *International Institute for Population Sciences (IIPS)* • Ashutosh Sanzgiri, *Xandr*

### **COVID-19 and human rights: Perspectives and lived experiences with regard to government COVID-19 response measures in informal settlements of Nairobi, Kenya**

Elizabeth W. Kimani-Murage, *African Population and Health Research Center (APHRC)* • David Osogo, *African Population and Health Research Center (APHRC)* • Florence Sipalla, *African Population and Health Research Center* • Hilda Owii, *African Population and Health Research Center (APHRC)* • Faith Kathoka, *African Population and Health Research Center* • James Smart, *Tazama Africa* • David Ngira, *Cardiff University* • Jill Ghai, *Katiba Institute* • Christine Nkonge, *Katiba Institute* • John Harrington, *Cardiff University*

### **Personal distance norms and mental costs of the COVID-19 pandemic for the elderly**

Alice Rees, *UCLouvain* • Malgorzata Mikucka, *Université Catholique de Louvain* • Christine Schnor, *UCLouvain*

### **COVID-19: Misconceptions, self-perceived risk and compliance with preventive measures in rural Southwest Nigeria**

Joshua O. Akinyemi, *University of Ibadan* • Olanrewaju Eniade, *University of Ibadan* • Ojo M. Agunbiade, *Obafemi Awolowo University/ Department of Sociology and Anthropology* • Mobolaji Salawu, *University of Ibadan* • Sanni Yaya, *Faculty of Social Sciences, University of Ottawa, Canada* • Olufunmilayo Fawole, *University of Ibadan*

### **Crise sanitaire de la Covid-19 et déterminants du non respect des mesures barrières en zones urbaines africaines. Le cas de la ville de Bafia au Cameroun**

Franklin Bouba Djourdebbé, *Institut de Formation et de Recherche Démographiques (IFORD)*

## Session 2112: Well-being and mental health outcomes: measurements and determinants

The session addresses measurements of wellbeing, satisfaction with life, and mental health and explores determinants including socioeconomic factors, union dissolutions, social support.

**Time Slot:** 12:00 - 13:30 GMT

**The impact of social support on life satisfaction among older adults in Germany with particular focus on cumulative vulnerability**

Frank Micheel, *Federal Institute for Population Research (BiB)* • Volker Cihlar, *Federal Institute for Population Research, Germany* • Andreas Mergenthaler, *Federal Institute for Population Research (BiB)*

**Moving out and moving on: the triggering impact of mobility on mental health in the context of union dissolutions. Evidence from Belgium.**

Joan Damiens, *UCLouvain, FNRS-FRS* • Christine Schnor, *UCLouvain* • Didier Willaert, *National Union of Socialist Mutual Health Insurance Funds (UNMS/NVSM)*

**A new summary measure of population health: the "well-being adjusted health expectancy"**

Magdalena Muszynska-Spielauer, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)* • Marc Luy, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)*

**Gender differences in (Healthy) Life Expectancy by education level in Spain: Educational inequalities persist**

Aïda Solé-Auró, *Universitat Pompeu Fabra* • Pilar Zueras, *Centre d'Estudis Demogràfics (CED), Universitat de Barcelona* • Elisenda Renteria, *CED, Centre for Demographic Studies* • Mariona Lozano, *CED, Centre for Demographic Studies*

**Household socioeconomic distress and adolescent mental health: Results from an exploratory research study of Magic Bus India Foundation**

Swarna Manjari Behera

## **Session 2113: Health service utilisation to improve reproductive and maternal Health**

This session examines utilization of health services to improve maternal and reproductive health.

**Time Slot:** 14:00 - 15:30 GMT

**Facteurs explicatifs de la non-participation des femmes au test du VIH-SIDA chez les femmes en âge de procréer en Côte d'Ivoire en 2016: facteurs individuels et contextuels**

Koffi Konan, *Institut de Formation et de Recherche Démographiques (IFORD)*

**Banning chhaupadi: Policy effectiveness and the impact of menstrual taboos in Nepal**

Melanie Channon, *University of Bath* • Mahesh Puri, *Center for Research on Environment Health and Population Activities (CREHPA)* • Frances Amery, *University of Bath* • Jennifer Thomson, *University of Bath*

**Bypassing facilities when seeking primary and secondary public health care services in rural Guatemala**

Astrid Maria Arriaza Solares, *Ministry of Public Health* • Andrew R. Channon, *University of Southampton*

**Improving Utilization of Postnatal Care: Determinants and Rationale for Preference for Group Based Postnatal Care Service Delivery Initiative in Central Uganda**

Elizabeth Nansubuga, *Makerere University* • Peninah Agaba, *Makerere University* • Patricia Ndugga, *Makerere University*

## Session 2114: Communicable diseases in the Americas

This session looks at broader communicable diseases including COVID-19, Tuberculosis, malaria and child health in the Americas.

**Time Slot:** 20:00 - 21:30 GMT

### **Cases and deaths of COVID-19 in the United States: Taylor's law in a plague year**

Joel E. E. Cohen, *Rockefeller University and Columbia University*

### **Evaluation Of The Ability Of Facing COVID-19**

Rafaela Bueno, *UNDP Brazil* • Luiz Sá Lucas, *The Opinion Edge*

### **Age structure and malaria rates in the Legal Amazon: a demographic perspective**

Vinícius Maia, *NEPO* • Natália M. Arruda, *Federal Institute of São Paulo* • Carlos Eduardo Beluzo, *Federal Institute of São Paulo* • Bianca Cechetto Carlos, *NEPO* • Luciana C. Alves, *University of Campinas (UNICAMP)*

### **Geographical accessibility to public health facilities and the spatial distribution of child mortality, understanding potential access to health in Guatemala**

Astrid Maria Arriaza Solares, *Ministry of Public Health* • Andrew R. Channon, *University of Southampton*

### **Tuberculosis incidence in Brazil: is it possible to achieve the SDG target?**

Ana Carolina Bertho, *Instituto Brasileiro de Geografia e Estatística (IBGE)* • Larissa Alves, *National School of Statistical Sciences (ENCE), Brazilian Institute of Geography and Statistics (IBGE)* • Paulo Santos, *National School of Statistical Sciences (ENCE), Brazilian Institute of Geography and Statistics (IBGE)*

## Theme 22: Economic Demography – David Canning

## Session 2201: Aging, Retirement, and Saving

Aging

**Time Slot:** 18:00 - 19:30 GMT

### **Redistributive effects of pension reforms: Who are the winners and losers?**

Miguel Sanchez-Romero, *Vienna Institute of Demography* • Philip Schuster, *Oesterreichische Nationalbank* • Alexia Fuernkranz-Prskawetz, *Vienna University of Technology*

### **Population Aging and Worklife Duration: Myths and Realities in the Canadian Context**

Gilbert Montcho, *Université de Montréal* • Yves Carriere, *Université de Montréal*

### **How does mortality contribute to lifetime pension inequality? Evidence from five decades of Swedish taxation data**

Jiaxin Shi, *University of Oxford* • Martin Kolk, *Stockholm University*

### **Population aging and retirement age policy: period balances, generational imbalances**

Fernando Fernandes, *Independent Consultant & Researcher* • Cassio M. Turra, *Demography Department, Cedeplar, UFMG* • Eduardo L. G. Rios-Neto, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*

## Session 2202: Socio-Economic Effects of the COVID-19 Pandemic

This session brings together papers related to the COVID-19 Pandemic. As well as the effects of infection, lockdown policies and social distancing have had major effects on economic wellbeing and mental health. In addition, death and sickness, particularly of adults, can have knock-on effects on families. These papers look at evidence on these issues.

**Time Slot:** 16:00 - 17:30 GMT

### **End of lockdown, coronapistes and circulation of bicycles in Paris**

Léonard Moulin, *Institut National d'Études Démographiques (INED)* • Guilhem Lecouteux, *Université Côte d'Azur*

### **Urban Exclusion: Rethinking Social Protection in the Wake of the Pandemic in India**

Pallavi Choudhuri, *National Council of Applied Economic Research* • Santanu Pramanik, *National Council of Applied Economic Research, India* • Sonalde B. Desai, *India Human Development Survey*

### **The impact of prime-age adult death on household consumption, expenditure, and income in India: Evidence from a nationally representative longitudinal survey**

Moradhvaj Dhakad, *Austrian Academy of Science* • Nandita Saikia, *Jawaharlal Nehru University*

### **Economic stress of people 50+ in European countries in the Covid-19 pandemic– do country policies matter?**

Agnieszka Chlon-Dominczak, *Warsaw School of Economics* • Dorota Holzer-Zelazewska, *SGH Warsaw School of Economics*

## Session 2203: Fertility, Demographic Dividend, and Development

These papers address issues related to demographic dividend. One looks at the global macro evidence for dividends. Another takes a micro approach look at the effects of an intervention on productivity. The issue of employment effects on fertility is addressed. Finally papers looks at the bigger picture and the relationship between development and happiness.

**Time Slot:** 14:00 - 15:30 GMT

### **Does Development Lead to Happiness?**

Nagendra Maurya, *Lucknow University* • Karuna Shanker Kanaujiya, *University of Lucknow*

### **In search of demographic dividends: a systematic review of the global evidence**

Elke Loichinger, *Federal Institute for Population Research (BiB)* • Andreas Backhaus, *Federal Institut for Population Research*

### **The effect of an early-childhood and fertility intervention on firm and farm productivity**

Tania Barham, *University of Colorado Boulder* • Randall Kuhn, *University of California, Los Angeles* • Brett McCully, *UCLA* • Patrick Turner, *University of Notre Dame*

### **Does temporary employment affect fertility? New evidence from the Italian labour market reforms**

Luca Pieroni, *University of Perugia* • Donatella Lanari, *University of Perugia* • Giorgio d'Agostino, *University Rome III*

## Session 2204: Economic Policy and Health Outcomes

These papers look at factors that affects health outcomes. One looks at how expansion of coal burning in India is affect child health, another looks at health expenditures affect healthy life expectancy in Spain. different ways of exiting the labor market - particularly retirement and job loss can have long effects on health. Finally, a paper looks at the important mortality selection effects that occur when we look at long term effects of shocks on survivors.

**Time Slot:** 14:00 - 15:30 GMT

### **The child health impacts of coal: Evidence from India's coal expansion**

Sangita Vyas, *University of Texas at Austin*

### **Exiting the labour market: how? Different impacts on health**

Gustavo De Santis, *University of Florence* • Elena Pirani, *Florence University* • Francesca Zanasi, *Florence University*

### **Selective Mortality and the Long-Term Effects of Early-Life Exposure to Natural Disasters**

Margaret Triyana, *University of Chicago* • Xing Xia, *Yale-NUS College*

### **Regional disparities in healthy life expectancies in Spain: how much is explained by differences in health expenditures?**

Elisenda Rentería, *Centre d'Estudis Demogràfics* • Pilar Zueras, *Centre d'Estudis Demogràfics (CED), Universitat de Barcelona*

## Session 2205: Disadvantage, Opportunity and Inequality

This session looks at factors that drive disadvantage and opportunity in the short run and inequality in the longer run. It examines how some young people drop out of school but do not enter employment and the importance of language ability for the economic success of migrants. Long run inequality is examined looking as surname status persistence and the long run relationship between wealth and gender.

**Time Slot:** 14:00 - 15:30 GMT

### **A Schumpeter Hotel? Surname Status Persistence in Sweden 1880-2016**

Elien van Dongen, *Lund University* • Martin Dribe, *Lund University* • Björn Eriksson, *Lund University*

### **Wealth and gender in the long run. France, 1825-1960.**

Jérôme Bourdieu, *Paris School of Economics* • Lionel Kesztenbaum, *Institut National d'Études Démographiques (INED)* • Gilles Postel-Vinay, *Paris School of Economics* • Akiko Suwa-Eisenmann, *Paris School of Economics*

### **The effects of language proficiency on immigrant employment and wages in Italy**

Luca Pieroni, *University of Perugia* • Donatella Lanari, *University of Perugia* • Giorgio d'Agostino, *University Rome III*

### **A NEETs analysis in Brazil between 2012 and 2020**

Carolina Borges, *Universidade Federal de M* • Mariangela Antigo, *Universidade Federal de Minas Gerais* • Ana Hermeto, *Cedeplar, UFMG*



## Theme 23: Mortality and Longevity – Bernardo Lanza Quieroz

### Session 2301: Formal Models and Methods for the Analysis of Mortality and Causes of Death

This session combines papers that use different methodological approaches to estimate mortality and study changes and the impacts of causes of deaths in different regions of the globe. Papers in the session contribute to the discussion of how to use methods and data to estimate mortality, health status and impacts of causes of deaths under different contexts.

**Time Slot:** 2:00 - 3:30 GMT

#### **Cause of Death Reduce Life Table**

Vladimir Canudas-Romo, *Australian National University* • Jose Manuel Aburto, *University of Oxford* • Marius Pascariu, *Max-Planck Odense Center on the Biodemography of Aging*

#### **Application of Network Analysis to Multiple Causes of Death Data in Japan**

Futoshi Ishii, *Keio University* • Reiko Hayashi, *National Institute of Population and Social Security Research, Japan* • Emiko Shinohara, *University of Tokyo* • Motomi Beppu, *National Institute of Population and Social Security Research, Japan*

#### **Probabilistic Projection of Subnational Life Expectancy**

Hana Sevcikova, *University of Washington* • Adrian Raftery, *University of Washington, Seattle*

#### **Indirect estimation of life expectancy by ethnicity in Chile**

Moisés Sandoval, *Universidad de Chile* • Marcela Alvear, *UNFPA*

#### **The sensitivity of the Healthy Life Years indicator: Life table techniques and questions about dealing with age-specific prevalence data**

Vanessa Gabrielle di Lego Gonçalves, *Vienna Institute of Demography* • Markus Sauerberg, *Vienna Institute of Demography*

### Session 2302: Socioeconomic Status and Mortality

There is a large variation in mortality and health status across sub-national population and socioeconomic groups. This session focuses on investigating regional and socioeconomic differentials in mortality considering different regional settings, characteristics and methodological approaches.

**Time Slot:** 22:00 - 23:30 GMT

#### **Large and persistent life expectancy disparities among India's social groups**

Aashish Gupta, *University of Pennsylvania* • Nikkil Sudharsanan, *Heidelberg University*

#### **Regional inequalities in life expectancy and lifespan variation by educational attainment in Spain, 2014-18**

Octavio Bramajo, *Centre d'estudis Demogràfics, Universitat Autònoma de Barcelona* • Iñaki Permanyer, *Centre for Demographic Studies* • Amand Blanes, *Centre d'Estudis Demogràfics*

#### **Social disadvantage, economic inequality, and life expectancy in nine Indian states**

Sangita Vyas, *University of Texas at Austin* • Payal Hathi, *University of California, Berkeley* • Aashish Gupta, *University of Pennsylvania*

### **Adult mortality by education level in Brazil: comparative findings from Census and Vital Registration Deaths**

Cassio M. Turra, *Demography Department, Cedeplar, UFMG* • Mirian Ribeiro, *Universidade Federal dos Vales do Jequitinhonha e Mucuri* • Fernando Fernandes, *Independent Consultant & Researcher*

### **Inequalities in Kin Death over the Life Course**

Wei Chen, *Max Planck Institute for Demographic Research (MPIDR)* • Diego Alburez-Gutierrez, *Max Planck Institute for Demographic Research* • Emilio Zagheni, *Max Planck Institute for demographic Research*

## **Session 2303: Socioeconomic inequality and mortality differentials**

In this session papers discuss socioeconomic inequalities in life span across different contexts

**Time Slot:** 8:00 - 9:30 GMT

### **Lifespan inequalities among the over 50 in Italy: levels, trends, and distributional implications for the pension system**

Benedetta Scotti, *Bocconi University* • Simone Ghislandi, *Università Bocconi*

### **Quantifying the contribution of smoking to regional mortality disparities in Germany**

Pavel Grigoriev, *Federal Institute for Population Research (BiB)* • Sebastian Klüsener, *Federal Institute for Population Research (BiB)* • Alyson A. Van Raalte, *Max Planck Institute for Demographic Research (MPIDR)*

### **Cross-sectional Average Length of Life Entropy: Cross-Population Comparisons and Decomposition**

Wen Su, *Australian National University* • Vladimir Canudas-Romo, *Australian National University*

### **The impact of smoking on trends in socio-economic mortality inequalities in Europe**

Wanda Van Hemelrijck, *Netherlands Interdisciplinary Demographic Institute (NIDI)* • Anton E. Kunst, *University of Amsterdam* • Nicolás Zengarini, *Epidemiology Unit, ASL TO3, Piedmont Region, Grugliasco(Turin)* • Pekka Martikainen, *University of Helsinki* • Fanny Janssen, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen*

### **Inequalities in retirement lifespan in the contemporary United States**

Jiaxin Shi, *University of Oxford* • Christian Dudel, *Max Planck Institute for Demographic Research* • Christiaan W. S. Monden, *University of Oxford* • Alyson A. Van Raalte, *Max Planck Institute for Demographic Research (MPIDR)*

## **Session 2305: Longevity in perspective**

Is there a limit to life expectancy? How long we will live? This session brings a relevant and important discussion considering these two broad questions. The papers present alternative data sources and methods to investigate the problem.

**Time Slot:** 18:00 - 19:30 GMT

### **Female-male relationship in lifespan variation**

Serena Vigezzi, *University of Southern Denmark* • Virginia Zarulli, *University of Southern Denmark - Interdisciplinary Center on Population Dynamics* • Jesus-Daniel Zazueta Borboa, *Netherlands Interdisciplinary Demographic Institute*

**Mortality above age of 105 using survival analysis in French, Belgian and Quebec populations**

Linh Hoang Khanh Dang, *Institut National d'Études Démographiques (INED)* • Carlo Giovanni G. Camarda, *Institut National d'Études Démographiques (INED)* • France Meslé, *Institut National d'Études Démographiques (INED)* • Nadine Ouellette, *Université de Montréal* • Jean-Marie Robine, *Institut National de la Santé et de la Recherche Médicale (INSERM) and Université de Montpellier I* • Jacques Vallin, *Institut National d'Études Démographiques (INED)* • Michel Poulain, *Université catholique de Louvain (UCL)*

**Best-practice healthy life expectancy vs life expectancy: catching up or lagging behind?**

Iñaki Permanyer, *Centre for Demographic Studies* • Sergi Trias-Llimós, *Center for Demographic Studies* • Jeroen Spijker, *Centre d'Estudis Demogràfics (CED)*

**Will half of the 2000 birth cohort reach 100? Yes, but probably only in the world's most longevous Regions.**

Jeroen Spijker, *Centre d'Estudis Demogràfics (CED)* • Ilya Kashnitsky, *Interdisciplinary Centre On Population Dynamics, University Of Southern Denmark* • Iñaki Permanyer, *Centre for Demographic Studies* • Sergi Trias-Llimós, *Center for Demographic Studies*

**Session 2306: Flash**

**Session: Direct and Indirect Impacts of the Covid pandemic**

The SARS-Covid pandemic had important impacts on the socioeconomic conditions and population dynamics. This session brings contributions using demographic analysis on how the pandemic impact on causes of death, direct and indirect effects, methodological issues, database and others.

**Time Slot:** 18:00 - 19:30 GMT

**Successes and challenges in Rapid Mortality Surveillance during the COVID-19 Pandemic: a cross-country comparison from a mixed-methods assessment**

Farnaz Malik, *Vital Strategies* • Ruxana Jina, *Vital Strategies* • Diana Kumar, *Vital Strategies* • Martin Bratschi, *Vital Strategies* • Brian Munkombwe, *National Center for Health Statistics (NCHS), CDC* • Philip Setel, *Vital Strategies*

**The direct and indirect effects of Covid-19 on other causes of death through ICU beds occupation in Colombia**

Lina Sanchez-Cespedes, *Departamento Administrativo Nacional de Estadística (DANE)* • Glenn Amaya-Cruz, *Departamento Administrativo Nacional de Estadística*

**The impact of COVID-19 pandemic on mortality forecasts in Brazil**

Gabriel Borges, *Instituto Brasileiro de Geografia e Estatística (IBGE)*

**Projecting excess infant mortality in low- and middle-income countries during the COVID-19 pandemic based on forecasted declines in economic growth**

Gil Shapira, *The World Bank Group* • Damien De Walque, *The World Bank* • Jed Friedman, *World Bank Group*

**Assessing the impact of COVID-19 lockdowns across the Child Health and Mortality Prevention Surveillance Network**

Jonathan Muir, *The Ohio State University* • Ariel Nhamo, *Manhica Health Research Center (CISM)* • Sanwarul Bari, *icddr* • Atique Chowdhury, *Maternal and Child Health Division, icddr* • Portia Mutevedzi, *Respiratory and Meningeal Pathogens Research Unit, Chris Hani Baragwanath Hospital* • Cynthia Whitney, *Emory University* • Solveig Cunningham, *Emory University*

#### **COVID-19 mortality in Brazil: an analysis of multiple causes of death**

Ana Maria Nogales Vasconcelos, *Universidade de Brasilia* • Elisabeth França, *Faculdade de Medicina/Universidade Federal de Minas Gerais* • Daisy Maria Abreu, *GPEAS/Universidade Federal de Minas Gerais* • Lenice Ishitani, *GPEAS/Universidade Federal de Minas Gerais* • Juan Cortéz-Escalante, *Pan American Health Organization*

### **Session 2308: Demographic Analysis of the Covid-19 Pandemic**

Demography has major contribution to the study of the Sars-Covid pandemic in 2020 and 2021. This session brings together different studies on the related to pandemic. The papers presented contribute to the development of methodological approaches, alternative datasets, different strategies,

**Time Slot:** 10:00 - 11:30 GMT

#### **Comparing successive COVID-19 Waves within and between Countries: A challenge when dealing with imperfect Data**

Catalina Torres, *Muséum National D'histoire Naturelle* • France Meslé, *Institut National d'Études Démographiques (INED)* • Magali Barbieri, *Institut National d'Études Démographiques (INED)* • Florian Bonnet, *Ecole normale supérieure de Paris-Saclay* • Carlo Giovanni G. Camarda, *Institut National d'Études Démographiques (INED)* • Emmanuelle Cambois, *Institut National d'Études Démographiques (INED)* • Arianna Caporali, *Institut National d'Études Démographiques (INED)* • Etienne Couppié, *Institut national d'études démographiques (INED)* • Jenny Garcia, *Institut National d'Études Démographiques (INED)* • Iris Hourani, *Institut national d'études démographiques INED* • Svitlana Poniakina, *Institut National d'Études Démographiques (INED)* • Jean-Marie Robine, *Institut National de la Santé et de la Recherche Médicale (INSERM)*

#### **County-level socioeconomic disparities in COVID-19 mortality in the United States**

Magali Barbieri, *Institut National d'Études Démographiques (INED)* • Denys Dukhovnov, *University of California, Berkeley*

#### **Quantifying impacts of the COVID-19 pandemic through life expectancy losses**

Jose Manuel Aburto, *University of Oxford* • Jonas Schöley, *Max-Planck Odense Center on the Biodemography of Aging* • Ilya Kashnitsky, *Interdisciplinary Centre On Population Dynamics, University Of Southern Denmark* • Luyin Zhang, *University of Oxford* • Charles Rahal, *University of Oxford* • Trifon I. Missov, *Max Planck Institute for Demographic Research* • Melinda Mills, *University of Oxford* • Jennifer B. Dowd, *Leverhulme Centre for Demographic Science, University of Oxford* • Ridhi Kashyap, *University of Oxford*

#### **The role of data collection systems on COVID-19 deaths age structure: An illustration from Latin American countries**

Jenny Garcia, *Institut National d'Études Démographiques (INED)* • Andres Castro, *University of Pennsylvania* • Catalina Torres, *Muséum National D'histoire Naturelle* • Stéphane Hellerger, *Columbia University*

#### **Estimating the age pattern of excess mortality at the subnational level during the COVID-19 pandemic using a relational model**

Benjamin-Samuel Schlüter, *Louvain University (UCL)* • Bruno Masquelier, *Louvain University (UCL)*

## Session 2309: Infant and Child Mortality

There are still wide variation across and within countries in mortality at younger ages. This session presents methodological and substantive analysis of mortality at younger ages.

**Time Slot:** 14:00 - 15:30 GMT

### **Levels, Trends, and Factors Associated with Under-5 Excess Mortality among Twins in Sub-Saharan Africa: Studies of National Surveys from 42 Countries**

Adama Ouedraogo, *INED et Université Paris 1* • Gilles Pison, *Muséum National D'histoire Naturelle* • Sophie Le Coeur, *Institut National d'Études Démographiques (INED)* • Abdramane Soura, *Université de Ouagadougou*

### **When mothers bury a child: Timing and duration of maternal bereavement**

Diego Alburez-Gutierrez • Ugofilippo Basellini, *Max Planck Institute for demographic Research* • Emilio Zagheni, *Max Planck Institute for demographic Research*

### **The dynamic role of household structure on child mortality in southern and eastern sub-Saharan Africa**

Ashira Menashe-Oren, *Universite catholique de Louvain (UCL)* • Philippe Bocquier, *Universite catholique de Louvain (UCL)* • Carren Ginsburg, *University of the Witwatersrand, Johannesburg* • Yacouba Compaore, *Université Catholique de Louvain* • Mark Collinson, *University of the Witwatersrand*

### **Identifying New Age Patterns of Under-5 Mortality Using the Under-5 Mortality Database**

Andrea Verhulst, *University of Pennsylvania* • Julio E. Romero Prieto, *London School of Hygiene and Tropical Medicine (LSHTM)* • Nurul Alam, *ICDDR,B* • Hallie Eilerts, *London School of Hygiene and Tropical Medicine (LSHTM)* • Daniel Erchick, *Johns Hopkins University* • Patrick Gerland, *United Nations Population Division* • Joanne Katz, *Johns Hopkins University* • Bruno Lankoande, *Université de Ouagadougou* • Li Liu, *Johns Hopkins University* • Gilles Pison, *Muséum National D'histoire Naturelle* • Georges Reniers, *London School of Hygiene and Tropical Medicine (LSHTM)* • Seema Subedi, *Johns Hopkins University* • Francisco Villavicencio, *Johns Hopkins University* • Michel Guillot, *University of Pennsylvania*

### **From health to sickness in one generation: The refugee mortality advantage and its disappearance for the children of refugees**

Matthew Wallace, *Stockholm University* • Ben Wilson, *Stockholm University*

## Session 2310: Flash

### **Session: Mortality and Causes of Death**

The epidemiological transition shows that as mortality declines there are important changes in the causes of death and the age structure of mortality. This session brings research focusing on methodological and substantive questions related to mortality and causes of deaths in different contexts.

**Time Slot:** 12:00 - 13:30 GMT

### **Multi-morbidity and frailty at death: a classification of death records for an aging world**

Aline Désesquelles, *Institut National d'Études Démographiques (INED)* • Francesco Grippo, *ISTAT* • Marilena Pappagallo, *Istituto Nazionale di Statistica (ISTAT)* • Luisa Frova, *Istituto Nazionale di Statistica (ISTAT)* • France Meslé, *Institut National d'Études Démographiques (INED)* • Viviana Egidi, *Sapienza Università di Roma*

### **Cause-of-death diversity from a multiple-cause perspective in the US**

Sergi Trias-Llimós, *Center for Demographic Studies* • Iñaki Permanyer, *Centre for Demographic Studies*

### **Causes of death patterns and life expectancy: explaining USA gap.**

Stefano Mazzuco, *University of Padova* • Stefano Campostrini, *University of Venice* • Emanuele Aliverti, *Università Ca' Foscari Venezia* • Daniele Durante, *Bocconi University*

### **Trends in Mortality and Perceived Cause of Death in Rural Eastern Ethiopia; Based on a Demographic Surveillance Data**

Nega Kassa, *Haramaya University* • Gezahegn Mengesha, *College of Health and Medical Sciences, Haramaya University* • Merga Dheresa, *College of Health and Medical Sciences, Haramaya University* • Solveig Cunningham, *Emory University*

### **Deaths averted and health system burden of scaling up hypertension care under different systolic blood pressure targets in middle-income countries: Evidence from population-based cohort data in China, Indonesia, and Mexico**

Nikkil Sudharsanan, *Heidelberg University* • Trasiyas Mukama, *Makerere University School of Public Health* • Pascal Geldsetzer, *Stanford University* • Justine Davies, *University of Birmingham* • Mohammed Ali, *Emory University* • Maarten J. Bijlsma, *Max Planck Institute for Demographic Research*

### **Consistency of cause-specific mortality time series in European countries over the ICD-10 period**

Inna Danilova, *Max Planck Institute for Demographic Research (MPIDR)*

## **Session 2311: Flash**

### **Session: Socioeconomic inequality, differentials and mortality**

There is a large variation in mortality and health status across sub-national population and socioeconomic groups. This session focus on investigating regional and socioeconomic differentials in mortality considering different regional settings, characteristics and methodological approaches.

**Time Slot:** 16:00 - 17:30 GMT

#### **“Deaths of despair in the tropics?”: Relative deprivation among middle-aged Costa Ricans**

Gilbert Brenes-Camacho, *CCP, Universidad de Costa Rica*

#### **Mate Selection Power and Female Marital Mortality Differential in China during Transition**

Junhe Yang, *University of Washington*

#### **Detailed study of long-term trends in socio-economic inequalities in life expectancy and lifespan variation in selected European countries**

Jesús Zazueta Borboa, *Netherlands Interdisciplinary demographic Institute* • Pekka Martikainen, *University of Helsinki* • Riina Peltonen, *Population Research Unit* • Nicolás Zengarini, *Epidemiology Unit, ASL TO3, Piedmont Region, Grugliasco(Turin)* • Fanny Janssen, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen*

#### **Mortality and morbidity drivers of the global distribution of health**

Iñaki Permanyer, *Centre for Demographic Studies* • Octavio Bramajo, *Centre d'estudis Demogràfics, Universitat Autònoma de Barcelona*

### **Parental education and adult mortality in Chile**

Moisés Sandoval, *Universidad de Chile* • Cassio M. Turra, *Demography Department, Cedeplar, UFMG* • Luciana Luz, *Cedeplar/Ufmg*

### **Cohort differences in healthy life expectancy by education level and gender in Europe**

Jordi Guma, *Universitat Pompeu Fabra* • Aida Solé-Auró, *Universitat Pompeu Fabra* • Tim Riffe, *Centre d'Estudis Demogràfics (CED)*

## **Session 2312: Methods and Data for Demographic Analysis**

The papers in this session present alternative approaches, both in terms of methods and data, to understand demographic problems related to mortality and health.

**Time Slot:** 16:00 - 17:30 GMT

### **How disadvantaged are Roma and Travellers in Europe in terms of life expectancy? Indirect estimations with the orphanhood method**

Marc Luy, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)*

### **The association between containment measures implemented by countries across the world and excess mortality linked to Covid-19: a study based on functional data analysis**

Chiara Micheletti, *University of Padova* • Marco Stefanucci, *University of Trieste* • Stefano Mazzuco, *University of Padova*

### **A radically simple way to monitor life expectancy**

Ilya Kashnitsky, *Interdisciplinary Centre On Population Dynamics, University Of Southern Denmark* • Alexey Raksha, *National Research University Higher School of Economics* • José Manuel Aburto, *CPop, University of Southern Denmark* • Jonas Schöley, *Max-Planck Odense Center on the Biodemography of Aging* • James W. Vaupel, *Max Planck Institute for Demographic Research and Max Planck Odense Center*

### **Lifesaving and a new ticket to life: A reappraisal of the resuscitation approach**

Vanessa Gabrielle di Lego Gonçalves, *Vienna Institute of Demography*

## **Session 2313: Mortality in Low and Middle Income Countries**

Middle- and low-income countries still observe high levels of mortality. In this session, papers presented focus on trends and differentials in mortality in such countries bring alternative forms to analyse mortality trends and levels.

**Time Slot:** 6:00 - 7:30 GMT

### **Maternal education and infant mortality decline: The evidence from Indonesia, 1980–2015**

J. Jona Schellekens, *Hebrew University of Jerusalem*

### **The Changing Trend of Life Expectancy for the Chinese Elderly and its Rural-Urban Disparity**

Yuan Peng, *Huazhong University of Science and Technology* • Lin Dong, *Huazhong University of Science and Technology* • Haili Liang, *Huazhong University of Science and Technology* • Liuqing Yang, *Huazhong University of Science and Technology* • Sha Jiang, *Stanford University* • Shripad Tuljapurkar, *Stanford University* • Zhen Guo, *Huazhong University of Science and Technology*

### **Retention of Maternal Health Care Utilization and Its Impact on Neonatal Mortality in India**

Wahengbam Bigyananda Meitei, *International Institute for Population Sciences (IIPS)* •  
Abhishek Singh, *International Institute for Population Sciences (IIPS)*

### **Is gender gap in childhood mortality disappeared in India? Trends over past 25 years**

Abhishek Kumar, *International Institute for Population Sciences (IIPS)*

## **Session 2314: Geographic Analysis of Mortality and Health**

Understanding the spatio-temporal heterogeneity in mortality and health across countries and within countries is important to develop better public health interventions and to explain the variation and differentials in life expectancy at birth. The papers also present alternative methods to investigate the problem.

**Time Slot:** 4:00 - 5:30 GMT

### **Community Clustering of Under-Five Mortality in India: A Parametric Survival Regression Modelling Approach**

Wahengbam Bigyananda Meitei, *International Institute for Population Sciences (IIPS)* •  
Abhishek Singh, *International Institute for Population Sciences (IIPS)*

### **Geographical Variation in COVID-19 Cases, Prevalence, Recovery and Fatality Rate by Phase of National Lockdown in India, March 14-July 31, 2020: Evidence from crowdsourced data**

Ankita Srivastava, *Jawaharlal Nehru University* • Vandana Tamrakar, *Jawaharlal Nehru University* • Moradhvaj Dhakad, *Austrian Academy of Science* • Saddam Naaz Akhtar, *Jawaharlal Nehru University* • Krishna Kumar, *Jawaharlal Nehru University* • Teckchand Saini, *Jawaharlal Nehru University* • Nagendra C, *Jawaharlal Nehru University* • Nandita Saikia, *Jawaharlal Nehru University*

### **Sub-national projection of under-five mortality in Bangladesh: a comparison of AR and RW model based on nationally representative survey data**

Md. Ismail Hossain Riday, *Jagannath University* • M Sheikh Giash Uddin, *Jagannath University* • Injamul Methun, *Tejgaon College* • Iqramul Haq, *Sher-e-Bangla Agricultural University, Dhaka* • Md. Jakaria Habib, *Jagannath University*

### **A district level analysis of spatio-temporal variations in COVID19 deaths In India**

Aditya Singh, *Banaras Hindu University (BHU)* • M. Satish Kumar, *Queen Mary University*

### **Age and sex difference in widowhood mortality in India.**

Babul Hossain, *International Institute for Population Sciences (IIPS)* • Kuriath James

## **Theme 24: Life Course – Ann Evans**

### **Session 2401: Life course approaches to the transition to adulthood**

Life course approaches to the transition to adulthood

**Time Slot:** 8:00 - 9:30 GMT

### **Early life course decisions of Central and Eastern Europeans: a gendered connection between family formation and moving intentions?**



Vytenis Juozas Deimantas, *Università Bocconi*

**The transition to adulthood of migrants in Estonia – An origin-destination comparison**

Katrin Schwanitz, *Tallinn University*

**Gender Dynamics of Adulthood Transitions for Early School Leavers: A case of Indian Youths**

Tapan Chakrabarty, *North Eastern Hill University* • Jayanta Deb, *North Eastern Hill University*

**Migration experience and school-to-work transition in a post-communist setting. A sequence analysis**

Madalina-Elena Manea, *Research Institute for the Quality of Life, Romanian Academy*

**Session 2402: Early life experience and later life outcomes**

Early life experience and later life outcomes

**Time Slot:** 10:00 - 11:30 GMT

**Marriage, health and old-age support: risk to rural involuntary bachelors' family development in contemporary China**

Yang Meng, *Institution for Population and Development Studies, Xi'an Jiaotong University* • Bo Yang, *International Business School Shaanxi Normal University* • Shuzhuo Li, *Xi'an Jiaotong University* • Marcus W. Feldman, *Stanford University*

**Does Early Life War Exposure Affect Productive Aging? Evidence from A Cohort of Vietnamese Older Adults**

Bussarawan Teerawichitchainan, *National University of Singapore* • Timothy Low, *National University of Singapore* • Minh Nguyen, *Institute for Family and Gender Studies* • Zachary Zimmer, *Mount Saint Vincent University* • Kim Korinek, *University of Utah*

**“Maybe early marriage is not as bad as low education”? The independent contribution of early marriage and low education on women's life outcomes in Ten Asian Countries**

Bamidele Ola, *National Research University Higher School of Economics*

**Trajectories of Men's Family Formation in India: Patterns, Determinants and Consequences**

Jeffrey Edmeades, *Demografix LLC* • Kerry MacQuarrie, *The DHS Program (Avenir Health)*

**Session 2403: Inequality and the life course**

Inequality and the life course

**Time Slot:** 16:00 - 17:30 GMT

**Inequalities over the life cycle The role of welfare and family structure**

Chiara Pronzato, *University of Turin & CCA* • Dalila De Rosa, *Ministero Economia & Finanza* • Matteo Migheli

**Income trajectories over the life course: how do Canadian complex families fare after a second birth?**

Ana Fostik, *Statistics Canada / Statistique Canada* • Celine Le Bourdais, *McGill University*

**Confinement risks and social inequality in Latin America: Evidence from Argentina**

Fiorella Mancini, *INSTITUTO DE INVESTIGACIONES SOCIALES- UNAM*

## **HOUSEHOLD SOCIOECONOMIC STATUS AND CHILD SOCIOEMOTIONAL IN GHANA.**

David Adumbire, *Regional Institute for Population Studies (RIPS)* • Stan Akembula, *Mainstream Renewable Energy*

## **Integrating early childhood and transitions to adulthood: A life course-based investment framework for children in low and middle-income countries**

Fatima Zahra, *Population Council* • Karen Austrian, *Population Council - Kenya* • Thoai Ngo, *Population Council*

## **Session 2404: Approaches to life course research**

Approaches to life course research

**Time Slot:** 14:00 - 15:30 GMT

### **Spacing critical events and life satisfaction**

Chiara Ludovica Comolli, *University of Lausanne* • Danilo Bolano, *University of Lausanne* • Laura Bernardi, *University of Lausanne* • Marieke Voorpostel, *Swiss Foundation for Research in the Social Sciences (FORS)*

### **Race as a Multistate Process**

Jeronimo O. Muniz, *Universidade Federal de Minas Gerais (UFMG)* • Aliya Saperstein, *Stanford University* • Bernardo L. Queiroz, *Universidade Federal de Minas Gerais*

### **Genre et handicap en contexte urbain africain : quels effets sur les trajectoires de vie familiale et professionnelle des hommes et des femmes ?**

Charles Emmanuel MOUTE NYOKON, *Bureau Central des recensements et des Etudes de Population (BUCREP)* • Pierre de Beaudrap, *Centre Francais sur la Population et le Développement (CEPED)* • Matthias Studer, *Université de Genève and NCCR-LIVES* • Gervais Beninguisse, *Institut de Formation et de Recherche Démographiques (IFORD)* • Annabel Desgrees-du-Lou, *Institut de Recherche pour le Développement (IRD)*

### **L'analyse qualitative des biographies : présentation d'une version renouvelée de la fiche Ageven**

Robin Cavagnoud, *Pontificia Universidad Católica del Perú (PUCP)* • Julie Baillet, *Université Paris Ouest Nanterre La Défense and El Colegio de la Frontera Norte* • María Eugenia Cosío Zavala, *Colegio de México*

## **Theme 25: Children and Youth – K.G. Santhya**

### **Session 2501: Public health and political crises: Familial and community influences on outcomes for children**

Family and community-level factors play a crucial role in shaping outcomes for children. The session contains an interesting set of papers that examine family and community influences on behavioural problems, cognitive outcomes, birthweight and mortality among children in sub-Saharan Africa (Nigeria) and Asia (Cambodia, China and Singapore) countries. While family influence is a common thread in all these papers, how these influences were measured and contextualised varied in these

papers. Li's paper examines how family and community social capital and the interaction between the two affect behavioural problems in children in Singapore. Ariyo and co-author examine how the relationship between mother's decision-making autonomy and birthweight children is mediated by the quality of antenatal care and moderated by the characteristics of polygynous marriage (rank of the mother in the polygynous marriage and the number of co-wives) in Nigeria. Guo and author examine the effect of maternal exposure to a public health emergency (SARS epidemic) on cognitive impairment among children in Nigeria, this paper could fit in a session on the impact of COVID-19 as well. Finally, drawing on data from Cambodia, Muir and co-author examine how mother's exposure to destruction and trauma associated with the Khmer Rouge is correlated with higher probability of death among her children.

**Time Slot:** 2:00 - 3:30 GMT

**Family and Community Social Capital on Children's Behavior**

Nanxun Li, *National University of Singapore*

**Decision autonomy, quality of antenatal care and birthweight: indirect effects conditioned on the context of polygyny.**

Tolulope Ariyo, *Xi'an Jiaotong University* • Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*

**Childhood cognitive impairment after maternal exposure to a public health emergency during pregnancy: a lesson from the SARS epidemic**

Chao Guo, *Institute of Population Research, Peking University* • Xiaoying Zheng, *Peking University*

**Echoing through Time: Intergenerational Effects of Exposure to Armed Conflict, Genocide, and Famine on Child Mortality**

Jonathan Muir, *The Ohio State University* • Samuel J. Clark, *The Ohio State University*

**Session 2502: Undernutrition among children and adolescents in India: From Micro to Macro level variations**

The National Family Health Survey conducted in 2019-20 shows that malnutrition among children has increased in several states in India. This session brings together four papers that shed light on undernutrition among preschoolers to adolescents in India and micro- and macro-level clustering of undernutrition among children and adolescents. Nambiar and co-authors explore the spatial heterogeneity of undernutrition in children at the microlevel in India and report that child malnutrition was concentrated in specific geographic pockets with high prevalence of poverty, low literacy among women and high undernutrition. While child malnutrition in India is extensively studied in India, the prevalence of undernutrition among adolescents is less studied. The paper by Shaw and Kundu responds to this evidence gap; drawing on first-ever nationally representative nutritional survey among children and adolescents in India, the paper examines socio-demographic, biochemical, anthropometric, and dietary factors affecting anemia among adolescents. The papers by Sharma and Ghosh and Tonpe and Dixit, using decomposition methods, examine factors that explain the regional variations and the declines in double and triple burden of malnutrition among children in India.

**Time Slot:** 4:00 - 5:30 GMT

**Burden of nutritional anemia among adolescent in India: an evidence from CNNS (2016-2018)**

Subhojit Shaw, *International Institute for Population Science (IIPS)* • Sampurna Kundu, *Jawaharlal Nehru University*

**The declining trend of Double and Triple Burden of Malnutrition among preschool children in India - A decomposition analysis**

Mayura Tonpe, *Tata Institute of Social Sciences (TISS)* • Priyanka Dixit, *TISS*

**Understanding the Contours of Children Undernourished in India: An Odisha Case Study**

Apoorva Nambiar, *Indian Institute of Technology Bombay* • Satish B Agnihotri, *Indian Institute of Technology Bombay* • Arunachalam Dharmalingam, *Monash University*

**Explaining Cross-Region Disparities in Childhood Stunting in India**

Santosh Sharma, *International Institute for Population Sciences (IIPS)* • Saswata Ghosh, *Institute of Development Studies Kolkata (IDSK)*

**Session 2503: Emotional wellbeing of adolescents and young people**

Many mental illnesses first appear in adolescence and some that start in adolescence persist throughout adult life, creating long-term morbidity and a substantial burden on society. Depression alone is estimated to become the world's leading cause of disability-adjusted life-years by 2030. This session brings together five papers that explore the influences of school, family, peers and social media on emotional well-being of adolescents. Rudolf and Bethmann, using PISA 2018 data from nearly half a million 15-year olds across 72 middle- and high-income countries, report that per-capita GDP is negatively associated with adolescent life satisfaction which they attribute to higher learning intensity in higher-income countries. Chowdhury and Shekher examine the association between parental support, control, communication and gendered socialization and well-being in India, and observe that maternal support and peer support are protective factors against depressive symptoms. Maurya and co-authors, drawing on a longitudinal study of adolescents in two populous states of India, discuss the relationship between social media use and depressive symptoms among adolescents in India and note that although social media use was associated with depressive symptoms among adolescents at both waves, relationship was not established in the panel analysis. The paper by Yadav, examining the effects of life course events on mental health of young women, notes that school discontinuation and early marriage are correlated with poor mental health. Marella shows that sleep latency, sleep disturbances, use of sleep medication, and daytime dysfunction scores were higher in the high smartphone users than in the low user, while wellbeing scores were higher among the low smartphone use group among college students in Indonesia.

**Time Slot:** 6:00 - 7:30 GMT

**Smartphone use, sleep problems and mental health status of Indonesian students during the pandemic**

Bianca Marella, *Universitas Tarumanagara*

**Effect of Life Course Events in Adolescence on Mental Health Status in Early Adulthood among Females, Bihar**

Ravita Yadav, *International Institute for Population Sciences (IIPS)*

**The paradox of wealthy nations' unhappy adolescents**

Robert Rudolf, *Korea University* • Dirk Bethmann, *Korea University*

**Social media use and psychological wellbeing of adolescents: A structural equation modeling using UDAYA cohort data**

Chanda Maurya, *International Institute for Population Sciences (IIPS)* • Preeti Dhillon, *International Institute for Population Sciences (IIPS)* • Himani Sharma, *International Institute for Population Sciences (IIPS)* • Pradeep Kumar, *International Institute for Population Sciences (IIPS)*

**Associations between Adolescent Well-being and Maternal Socialization: A study in Rural India.**

Biswabandita Chowdhury, *International Institute for Population Sciences (IIPS)* • T. V. Sekher, *International Institute for Population Sciences (IIPS)*

**Session 2504: Achieving inclusive and equitable quality education for children and adolescents from vulnerable households**

The Sustainable Development Goals (SDGs) have called upon nations to ensure, by 2030, inclusive and equitable quality education and promote lifelong learning opportunities for all, and many governments, multilateral and bilateral organizations and non-governmental organizations have made substantial investments in promoting children's and adolescents' education. Yet, several challenges exist in achieving this goal. This session highlights the challenges that children and adolescents from vulnerable households face in achieving quality education. Rayhan reports that children attending public pre-schools have lower levels of early childhood development in India. Pezzulo and co-authors, examining the drivers of school attendance among secondary school age children in Tanzania, show that adolescents residing in poorest households and far away from a secondary school were worst affected. The three remaining papers, all from India, showcase the educational vulnerability of children from migrant households. Das and co-authors observe that children accompanying seasonal migrant parents to the destination are at a higher risk in terms of educational vulnerability and capability formation, and that children who stay back in villages while their parents migrate also suffer. Bhattacharya's paper reiterates that children from rural short-term migrant families acquire lower language and mathematics levels than children from non-migrant families. Anand, examining the experience of migrant children at destination, argues that the failure of the existing education system in the host society to understand that migrant children requires special care and attention for the achievement of their dreams and aspirations.

**Time Slot:** 8:00 - 9:30 GMT

**Learning Levels of Children from Short-Term Migrant Families: Evidence from Rural India**

Leena Bhattacharya, *Indira Gandhi Institute of Development Research (IGIDR)*

**Understanding factors associated with attending secondary school in Tanzania using household survey data**

Carla Pezzulo, *WorldPop, School of Geography and Environmental Science, University of Southampton* • Victor Alegana, *Population Health Unit, Kenya Medical Research Institute - Wellcome Trust Research Programme* • Andrew Christensen, *WorldPop, School of Geography and Environmental Science, University of Southampton* • Omar Bakari, *Tanzania DataLab (dLab), Dar es Salaam* • Andrew J. Tatem, *University of Southampton*

**Contesting Childhoods: An Analysis of the Assimilation and Educational Inclusion of Migrant Children in Kerala, India.**

Arun Perumbilavil Anand, *Indian Institute of Technology Bombay*

**What matters most for early childhood development? Evidence from Malda district, India**

Rayhan Sk, *Jawaharlal Nehru University*

**Education of Children affected by Seasonal Migration of Parents: Findings from a Field Study in Jalna District, Maharashtra, India**

Kailash Chandra Das, *International Institute for Population Sciences (IIPS)* • Ram Babu Bhagat, *Professor* • Archana K. K. Roy, *Banaras Hindu University* • Abdul Jaleel, *International Institute for Population Sciences (IIPS)* • Dronacharya

## **Session 2505: Enabling children and adolescents to realise their full potential: What works and what does not?**

Although evidence on the effects of strategies to enable children and adolescents to realise their full potential has increased in low- and middle-income countries, far more research is needed. This session brings together four papers that examine the effects of a range of intervention approaches – social safety nets in health and education, a policy initiative and a girls’ empowerment programme. Bhattacharya showcases that India’s Right to Education (RTE) Act of 2009 that made elementary education free and compulsory for children aged 6-14 years that children from rural low-income families have benefitted most in terms of school attendance. Monica Lambon-Quayefio and co-authors present evidence on the impact of an unconditional cash transfer program in Malawi and report that improvements were observed in a range of domains, including education, physical health, mental health and emotional wellbeing, sexual and reproductive health, and HIV risk. Melnikas and co-authors report on the effects of an NGO-led intervention to empower girls, raise awareness about the risks of child marriage, improve girls’ access to sexual and reproductive health services, and support social norms favoring girls’ education, economic engagement, and agency; they report that the programme was effective in reducing child marriage prevalence, and helped girls and communities weather the shock of the COVID-19 pandemic. In contrast, Pradhan and Shete, examining the determinants of nutritional status of under-five children receiving services under Integrated Child Development Services (ICDS) Scheme in India, report that the scheme has minimal effect on the nutritional status of under-five children.

**Time Slot:** 10:00 - 11:30 GMT

### **The Right to Education Act and Children’s School Attendance in Rural India: A Causal Approach**

Leena Bhattacharya, *Indira Gandhi Institute of Development Research (IGIDR)*

### **Do Child Marriage Programs Help Girls Weather Shocks Like Covid-19? Evidence from the More Than Brides Alliance**

Andrea Melnikas, *Population Council* • Saul Grace, *Population Council* • Neelanjana Pandey, *Population Council* • Sajeda Amin, *Population Council*

### **Determinants of nutritional status of under-five children receiving Anganwadi / Integrated Child Development Services in India**

Manas Ranjan Pradhan, *International Institute for Population Sciences (IIPS)* • Mahesh Shete, *Max Institute of Healthcare Management*

### **Government unconditional cash transfers and safe transitions for youth in Malawi**

Sudhanshu Handa, *University of North Carolina at Chapel Hill* • Monica Lambon-Quayefio • Amber Peterman, *University of North Carolina at Chapel Hill* • Adria Molotsky, *American Institutes for Research* • Frank Otchere, *University of North Carolina at Chapel Hill* • Peter Mvula, *University of Malawi* • Maxton Tsoka, *University of Malawi* • Jacob de Hoop, *World Bank* • Gustavo Angeles, *National Institute of Public Health (INSP), Mexico and University of North Carolina at Chapel Hill* • Kelly Kilburn, *University of North Carolina at Chapel Hill* • Annamaria Milazzo, *World Bank Group*

## **Session 2506: Sexual and reproductive health of young people**

This session brings together five papers that examine different dimensions of sexual and reproductive health of young people – early marriage, risky sexual behaviour and limited utilization of SRH services- in South Asia and sub-Saharan Africa. Chauhan's paper responds to a major gap in the global literature on early and child marriage, that is, factors associated with male child marriage in rural India, and reports that fathers play a vital role in deciding the marriage of their sons. Ugwu and Odimegwu, examining risky sexual behaviours among young people in South Africa, show that neighbourhoods' poverty, residential mobility, family disruption and ethnic diversity were significantly associated with risky sexual practices among young people in South Africa. Srivastava's paper notes that less educated and rural adolescent girls had lower chances of seeking treatment for gynaecological morbidities in India. Christiana Alex-Ojei and co-authors report that social and financial support from mothers and partners, as well as cultural healthcare preferences were the major deciders of whether or not adolescent mothers were able to use healthcare, and the choice of their healthcare providers in Nigeria, while paper by Allen Kabagenyi and co-authors notes that home delivery was significantly associated with long-distance to the nearby health facility and mothers' perceptions on pre and postnatal care practices in Uganda.

**Time Slot:** 12:00 - 13:30 GMT

### **A Multilevel Mixed Effect Analysis of Neighbourhood and Individual level Determinants of Risky Sexual Behaviour among young people in South Africa.**

Nebechukwu Henry Ugwu, *University of the Witwatersrand, Johannesburg* • Clifford O. Odimegwu, *University of the Witwatersrand*

### **Why boys marry early?: An enquiry into factors associated with early marriage of young men in rural Uttar Pradesh, India**

Shekhar Chauhan, *International Institute for Population Sciences (IIPS)*

### **Gynaecological morbidities and treatment-seeking among adolescent girls: A Heckprobit approach**

Shobhit Srivastava, *International Institute for Population Sciences (IIPS)*

### **The Sociocultural Influences on Adolescent Maternal Healthcare Utilisation in Nigeria**

Christiana Alex-Ojei, *Federal University Oye-Ekiti* • Clifford O. Odimegwu, *University of the Witwatersrand* • Lorretta Ntoimo, *Federal University Oye-Ekiti*

### **Home delivery, inadequate Prenatal and Postnatal care practices among adolescent mothers in Luuka district, Uganda in the COVID-19 ERA**

Allen Kabagenyi, *Makerere University, Institute of Statistics And Applied Economics*, • Ronald Wasswa, *Makerere University* • Vincent Kayemba, *Makerere University* • Evelyne Nyachwo, *Makerere University* • Peter Waiswa, *Makerere University School of Public Health*

## **Session 2507: COVID-19 and widening inequalities**

Although everyone is susceptible to COVID-19, there are numerous accounts of the pandemic having differential effect on different segments of the population. Papers included in this session highlight inequalities in the adoption of COVID-19 appropriate behaviours and widening existing inequalities. Larrea-Schiavon and co-authors report that wealth-based inequalities are being exacerbated by COVID-19 mitigation measures among adolescents and young adults in Mexico. The paper by De Wet- Billings identifies the main protective behaviours young people adopted during the early months of the pandemic and socio-economic differentials in the adoption of protective behaviours.

**Time Slot:** 18:00 - 19:30 GMT

**‘Did you wash your hands?’ A quantitative analysis of behaviour change among youth in South Africa during Covid-19.**

Nicole De Wet- Billings, *University of the Witwatersrand, Johannesburg*

**Exploring wealth-based inequalities in the repercussions of COVID-19 mitigation measures on adolescents and young adults in Mexico**

Silvana Larrea Schiavon, *Population Council* • Lina Lopez-Lalinde, *Population Council* • Juan Pablo Gutiérrez, *National Autonomous University of Mexico* • Isabel Vieitez, *Population Council* • René Nevárez, *Population Council* • Pablo López, *Population Council* • Nicole A. Haberland, *Population Council* • Cristina Mac Gregor, *Population Council* • Thoai Ngo, *Population Council*

**Influence of First Wave of Covid-19 Pandemic on Adolescent Girl’s Marriages in Jharkhand, India**

Hanimi Modugu, *International Center for Research On Women (ICRW)* • Nasreen Jamal, *ICRW* • Nalini Khurana, *ICRW* • Tanvi Jha, *ICRW* • Triloki Nath, *ICRW* • Binit Jha, *ICRW* • Ravi K. Verma, *International Center for Research on Women (ICRW)*.

**Session 2508: Patterns in markers of transitions and associated factors**

This session brings together papers that examine trends and patterns in markers of transitions and associated factors. Paper by Estelle McLean and co-authors, investigating whether the timing of transitions to adulthood has changed over decade, observe that transition to adulthood remains traditional in rural Malawi, although there appears to be a difference in the way that transition to adulthood is changing for men and women. Paper by Kim and co-authors on child labour in India reveals that a norm supportive of women’s work and a benevolent attitude norm help reduce the risk of child labour. Miller and Glick, examining the correlates of children’s school enrollment in rural and semi-rural settings in Mexico, Mozambique, and Nepal, report that the higher levels of school enrollment observed in the Mexican site when compared to Mozambique and Nepal are partially attributable to differences in household size and family composition. Anselme Houessigbede and co-authors examine limited jobs and precarious employment of young people in Benin and observe that financial and economic constraints play a key role, with young people from poorest households at higher risk of unemployment and precarious employment than their counterparts from wealthier households. Paper by Antoinette Van der Merwe and co-authors investigate the impact of artisanal mines on three important aspects of neighbouring communities’ wellbeing: household expenditure, child mortality, and school enrolment.

**Time Slot:** 16:00 - 17:30 GMT

**Emploi et sous-emploi chez les jeunes au Bénin : profil et déterminants.**

Anselme Houessigbede, *Ecole Nationale de la Statistique, de la Planification et de la Démographie* • Judicael Alladatin, *Université de Parakou* • Augustin Gnaguenon, *Université Mohammed VI Polytechnique*, • Médard Lucien Dahoue, *Université Mohammed VI Polytechnique*

**Impact of artisanal gold mines on neighbouring communities in Burkina Faso**

Antoinette Van der Merwe, *ETH Zurich* • Kenneth Harttgen, *ETH Zurich* • Isabel Günther, *ETH Zürich*

**Transitions to adulthood in rural Malawi in the 21st century using sequence analysis**

Estelle McLean, *London School of Hygiene and Tropical Medicine (LSHTM)* • Maria Sironi, *University College London* • Amelia Crampin, *Karonga Prevention Study* • Emma Slaymaker, *London School of Hygiene and Tropical Medicine (LSHTM)* • Albert



Dube, *Malawi Epidemiology and Intervention Research Unit* • Rebecca Sear, *London School of Hygiene and Tropical Medicine (LSHTM)*

**Predicting child labour risks by norms in India**

Jihye Kim, *University of Manchester* • Wendy Olsen, *University of Manchester* • Arkadiusz Wisniowski, *University of Manchester*

**Composition and Mechanisms: Understanding disparate patterns of school enrollment across three contexts**

Sarah Miller, *The Pennsylvania State University* • Jennifer Glick, *Pennsylvania State University*

**Session 2509: Child care arrangements: Patterns, trends and effects**

Children's health behaviours and outcomes are shaped by family environment and childcare environment. This session brings together two papers from sub-Saharan Africa that explore changes over time and with market integration in childcare arrangements and two papers that highlight the risks that the lack of quality childcare poses. Hassan and co-authors, examining the relationship between market integration and the types and sources of allomaternal support in Tanzania, show that while patterns of allomaternal support vary by level of market integration, women are not less likely to receive support in the more market integrated community. The paper by Alawode and Awoleye examine changes in foster care in Nigeria over the last decade and report that child fostering hovered around 5-6% and that while some correlates remained consistent across survey rounds, some varies over time. Samuel, using a systematic review, examines the extent to which maternity leave duration of women in formal employments impacts on the level of vulnerability of their babies to abuse from domestic care givers and Busetta and co-authors, assessing undernutrition among Roma and non-Roma children over the last decade in the Balkans, highlight that the quality childcare is strongly correlated with undernutrition.

**Time Slot:** 14:00 - 15:30 GMT

**Childcare in transition: evidence that patterns of childcare differ by degree of market integration in north-western Tanzania**

Anushé Hassan, *London School of Hygiene and Tropical Medicine (LSHTM)* • David Lawson, *University of California, Santa Barbara* • Susan Schaffnit, *PSU* • Mark Urassa, *National Institute for Medical Research, Mwanza* • Rebecca Sear, *London School of Hygiene and Tropical Medicine (LSHTM)*

**Undernutrition among Roma and non-Roma children in the Balkans: prevalence and determinants of persistent inequalities, 2011-2020**

Annalisa Busetta, *University of Palermo* • valeria cetorelli, *United Nations* • Chiara Puglisi, *European University Institute*

**Maternity Leave Duration for Women in Formal Employments and the level of Vulnerability of infants to Abuse from Domestic Care Givers in Nigeria**

Olugbemisola SAMUEL, *Covenant University, Ota, Ogun state, Nigeria*.

**Decadal Analysis of Level and Correlates of Child Fostering in Nigeria: Insights from Demographic and Health Survey, 2008-2018.**

Oluwatobi Alawode, *Department of Sociology, University of Florida* • Abayomi Awoleye, *Obafemi Awolowo University*

## Theme 26: India – National Organising Committee

### Session 2601: Development challenges in India: poverty, migration and urbanisation

The session shares insights on dimensions of poverty, internal migration and urban segregation

Chair: **Anuradha Banerjee**, *Jawaharlal Nehru University*

1. Estimates of multidimensional poverty by the level of development in states of India. • **Guru Vasishtha**, *International Institute for Population Sciences (IIPS)*; **Sanjay K Mohanty**, *International Institute for Population Sciences (IIPS)*.
2. Inter-state Migration in India and Policy Implications • **Sanjay Kumar**, *United Nations Population Fund (UNFPA)*; **P. M. Kulkarni**, *Former Professor of Demography, Jawaharlal Nehru University, New Delhi*.
3. Are Indian cities segregated on the basis of caste or economic stratification? A study on Kolkata • **Devarupa Gupta**, *International Institute for Population Sciences (IIPS)*.
4. Harvesting the Troubles: The Vulnerabilities of Children of Seasonal Migrants Working in Sugarcane Fields, India • **Archana K. K. Roy**, *Banaras Hindu University*; **Ram Babu Bhagat**, *Professor*; **Kailash Chandra Das**, *International Institute for Population Sciences (IIPS)*; **Abdul Jaleel**, *International Institute for Population Sciences (IIPS)*; **Dronacharya Wankhede**, *International institute for population sciences, Mumbai*; **Niharika Rao**, *International Institute for population sciences*; **Rahu Rathod**, *Student*.

### Session 2602: Key factors influencing family planning and maternal health services in India

The session will discuss key factors influencing contraceptive choice, and the utilisation of maternal health services.

Chair: **P. M. Kulkarni**, *Former Professor of Demography, Jawaharlal Nehru University, New Delhi*

1. Role of Key Influencers in shaping FP decisions and choices of young women in Uttar Pradesh and Bihar: A social network study • **Pranita Achyut**, *Icrw*; **Nitin Datta**, *International Center for Research on Women*; **Jenny Ruducha**, *Brain Tree Global Health*; **Kuhika Seth**, *International Center for Research on*; **Priyanka Banerjee**, *McGill University, Montreal*; **Aishwarya Sahay**, *ICRW*; **Sharmishtha Nanda**, *International Center for Research On Women (ICRW)*; **Abhishek Gautam**, *International Center for Research On Women*.
2. Contraceptive Influencers in India: A household level study, NFHS, 2015-16 • **Anjali Bansal**, *International Institute for Population Sciences (IIPS)*; **Laxmi Kant Dwivedi**, *International Institute for Population Sciences (IIPS)*.
3. Efficiency Assessment of Maternal healthcare services in the Aspirational Districts of the EAG states in India: A Data Envelopment Analysis Approach • **SURESH SHARMA**, *Institute of Economic Growth*; **VANDANA SHARMA**, *Population Research Center*.
4. Impact Of Agreement On Fertility Preferences Between Spouses On Their Contraceptive Use • **Minakshi Vishwakarma**, *International Institute for Population Sciences (IIPS)*; **Chander Shekhar**, *International Institute for Population Sciences (IIPS)*; **Akhilesh Yadav**, *Banaras Hindu University*.

## Session 2603: COVID-19 and consequences of lockdowns on health outcomes

The COVID-19 pandemic is projected to undergo various waves, and has resulted in many health outcomes, including access to reproductive health care and health system responses. This session sheds light on these.

Chair: **D.K. OJHA**

1. Increasing barriers to women and men's access to maternal and reproductive health care in India due to COVID-19 over time • **Nadia Diamond-Smith**, *University of California, San Francisco*; **Lakshmi Gopalakrishnan**, *University of California, San Francisco*; **Sirena Gutierrez**, *University of California*; **Sarah Francis**, *Upswell LLC*; **Nandita Saikia**, *Jawaharlal Nehru University*; **Sumeet Patil**, *NBER*.
2. Utilization of Maternal and Child Health Care Services during COVID-19 Pandemic in India: Findings from a Multi-Centric Study • **Ram Usha**, *International Institute for Population Sciences (IIPS)*; **Hallad J S**, *PRC Dharwad*; **Bashir A. Bhat**, *University of Kashmir*; **Kalita D**, *PRC, Assam*; **Vini Sivanandan**, *Gokhale Institute of Politics & Economics*; **Dilip Kumar**, *Joint Director, Population Research Center, Department of Statistics, Patna University, Patna 800004, Bihar, India*; **Manas Ranjan Pradhan**.
3. Measuring Health System Resilience in India in the context of COVID 19 pandemic • **William Joe**, *Institute of Economic Growth*; **Abhishek Kumar**, *IEG*; **Narendra Patel**, *Institute of economic growth*.
4. Predicting COVID-19 transmission waves in the Indian States using the SVEIRD mathematical model • **Swagata Mandal**, *International Institute for Population Sciences (IIPS)*; **Sayeed Unisa**, *international Institute for Population Sciences*.

## Session 2604: What affects child health: Perspectives from India

The session investigates factors influencing neonatal mortality, and infant and child health and nutrition outcomes

Chair: **Vinod Mishra**, *United Nations Population Division*

1. Does maternal willingness to get pregnant determine childhood stunting? Evidence from Young Lives India. • **Neha Adsul**, *Indian Institute of Technology Bombay*; **Rohit Shah**, *IITB-Monash Research Academy*.
2. An investigation of spatial determinants of the birth size of child in the last two decades in India • **Rahul Bawankule**, *International Institute for Population Sciences (IIPS)*.
3. Nutritional status and its concomitant factors among pre-school children in Malda, India: A micro-level study using a multilevel approach • **Rayhan Sk**, *Jawaharlal Nehru University*.
4. Excess neonatal mortality among private facility births in rural India: a demographic analysis of a nationally representative survey • **Diane Coffey**, *Population Research Center*; **Nikhil Srivastav**, *University of Texas at Austin*; **Aditi Priya**, *LEAD at Krea University*; **Asmita Verma**, *IIT-Delhi*; **Alok Kumar**, *Medical Education Department, Government of Uttar Pradesh*; **Dean Spears**, *University of Texas at Austin*.
5. Decomposing Geographical Variation of Declining Child Sex Ratio in Uttar Pradesh • **Rajesh Chauhan**, *Directorate Of Economics & Statistics, The Planning Department, Government Of Uttar Pradesh*; **Sanjay K Mohanty**, *International Institute for Population Sciences (IIPS)*.

## Session 2605: Challenges facing the young in India

The session addresses wide ranging challenges facing the young in India, ranging from marriage practices to violence, family planning, depression, hypertension and aspirations

Chair: **Sanghmitra S. Acharya**, *Jawaharlal Nehru University*

1. Shaping Girls' Aspirations: Evidence from India • **Prerna Kumar**, *International Center for Research On Women (ICRW)*; **B. Amenla Nuken**, *International Center for Research on Women*; **Nitin Datta**, *International Center for Research on Women*; **Aditi Vyas**, *International Center for Research on Women*.
2. Magnitude and risk factors of violence against adolescents: Evidence from UDAYA study in Bihar and Uttar Pradesh • **Jayanta Bora**, *Indian Institute of Dalit Studies (IIDS)*; **Nandita Saikia**, *Jawaharlal Nehru University*.
3. Do depressive symptoms have an association with nutrition outcome of Indian adolescents? • **Preeti Dhillon**, *International Institute for Population Sciences (IIPS)*; **Mohd Usman**; **Mohammad Hifzur Rahman**, *International Institute for Population Sciences, Mumbai*; **Sayeed Unisa**, *international Institute for Population Sciences*.
4. Gender and rural-urban differences in hypertension among youths in India: Insights from NFHS-4 • **Ritu Rani**, *International Institute for Population Sciences (IIPS)*; **Ajit Kannaujiya**, *International Institute for Population Sciences (IIPS)*; **Ankit Sikarwar**, *International Institute for Population Sciences (IIPS)*.
5. Qualitative examination of the role and influence of mothers-in-law on young married couples' family planning in rural Maharashtra, India. • **Anvita Dixit**, *Faculty of Health Sciences, University of Ottawa*; **Mohan Ghule**, *National Institute for Research in Reproductive Health (NIRRH) (ICMR)*; **Namratha Rao**, *Center on Gender Equity and Health, UC San Diego*; **Battala Madhusudana**, *Population Council, India*; **Shahina Begum**, *RD Gardi Medical College*; **Nicole Johns**, *Center on Gender Equity and Health, UC San Diego*; **Niranjan Saggurti**, *Population Council*; **Jay Silverman**, *University of California, San Diego*; **Sarah Averbach**, *Center on Gender Equity and Health, UC San Diego*; **Anita Raj**, *University of California, San Diego*.
6. The puzzle of rising education, delayed marriage and the persistence of dowry in India: The role of changing characteristics and numbers of 'eligible' grooms in the marriage market • **Alaka Basu**, *Cornell University*; **Sneha Kumar**, *Cornell University*.

## Posters

### Poster Session 2801

Stagnation de la fécondité à Ouagadougou : rôle de l'immigration du milieu rural et de la mobilité sociale • **Moussa Bougma**, *Institut Supérieur des Sciences de la Population (ISSP)*; **Théodore Kabore**, *Institut Supérieur des Sciences de la Population (ISSP)*; **Ali Sawadogo**, *Institut Supérieur des Sciences de la Population*.

Transition to parenthood or not? The Italian case • **Cinzia Castagnaro**, *Italian National Statistical Institute*; **Antonella Guarneri**, *Istituto Nazionale di Statistica (ISTAT)*; **Eleonora Meli**, *Istat*.

An analysis of mixed marriages in nineteenth-century Tasmania • **Isabelle Cherklesly**, *Monash University*.

Partisan fertility in the aftermath of the Great Recession • **Chiara Ludovica Comolli**, *University of Lausanne*; **Gunnar Andersson**, *Stockholm University*.

- The Effects of Social Media Connections on the Indian Fertility Transition: Do Facebook Friends' Fertility Patterns Influence Fertility Choices? • **Lamar Crombach**, *KOF Konjunkturforschungsstelle der ETH Zurich*; **Jet Wildeman**, *Radboud University*; **Sandor Schrijner**, *Radboud University Nijmegen*; **Jeroen Smits**, *Radboud Universiteit Nijmegen*.
- Children or Childlessness? The effects of life-course transition on motherhood in Southern Europe • **Alberto Del Rey Poveda**, *University of Salamanca*; **Mikolaj Stanek Baranowski**, *University of Salamanca*; **Rafael Grande**, *Universidad de Málaga*; **Jesús García Gómez**, *Universidad de Salamanca*.
- Second Demography Transition in India: Comparison of States vis-a-vis Selected Asian and European Countries • **Ram Faujdar**, *Retired from International Institute for Population Sciences (IIPS)*; **Ram Usha**, *International Institute for Population Sciences (IIPS)*.
- Early Childbearing of Immigrant Women and their Descendants in a Country with Low and Late Fertility, the Case of Spain • **Jesús García Gómez**, *Universidad de Salamanca*; **Emilio A. Parrado**, *University of Pennsylvania*; **Alberto Del Rey Poveda**, *University of Salamanca*; **Mikolaj Stanek Baranowski**, *University of Salamanca*; **Chiara Dello Iacono**, *Universidad de Salamanca*.
- Childbearing transition in Ethiopia: A study using EDHS TFRs • **Mezgebo Gebretsadikan**, *Mekele University*; **Krishna Ponnappalli**, *Mekelle University*.
- Interregional Variations of Fertility Contours in India: A multilevel modelling approach • **Saswata Ghosh**, *Institute of Development Studies Kolkata (IDS)*; **Md. Zakaria Siddiqui**, *Crawford School of Public Policy Australian National University*; **Debojyoti Majumder**, *SIGMA Foundation*.
- Understanding Fertility Behavior of the Forcibly Displaced Myanmar Nationals in Bangladesh: A Qualitative Study • **Md. Anwer Hossain**, *University of Dhaka*; **Mohammad Bellal Hossain**, *University of Dhaka*.
- Spécificités ethniques de la fécondité pré-nuptiale des femmes au Burkina Faso • **GERAUDE KABORE**, *Institut Supérieur des Sciences de la Population (ISSP)*; **Bilampoa Gnoumou Thiombiano**, *Université Joseph Ki-Zerbo, Ouagadougou*; **Idrissa Kaboré**, *Institut Supérieur des Sciences de la Population (Burkina Faso)*.
- Comparative analysis of son preference in Indian immigrants in Spain, USA and Canada: The role of parental education, age, place of birth and endogamy. • **Parminder Kaur**, *Universitat Autònoma de Barcelona*; **Iñaki Permanyer Ugartemendia**, *Autonomous University of Barcelona*.
- An investigation into the progression of premarital fertility since the onset of Zimbabwe's fertility transition • **Chantelle Ngwenya**, *FHI360/Zimbabwe Health Interventions*.
- Competing Care Burdens and Fertility: are extended Care needs reducing the Number of Children? • **Tomass Nielsen**, *Tallinn University*; **Martin Klesment**, *Tallinn University*.
- The time to first child birth after onset of sexual activity among women and men in Uganda using the Cox Proportional Hazard analysis • **Henry Nsobya**, *Uganda Development and Health Associates*; **Allen Kabagenyi**, *Makerere University, Institute of Statistics And Applied Economics*.
- Stopping Behavior of Women in India and its Application in Estimation of Total Fertility Rate • **Abhay Tiwari**, *Banaras Hindu University*; **Shivam Mishra**, *Banaras Hindu University*.
- Grandparental Childcare and Adult Children's Fertility: Evidence from France • **Elizabeth Wilkins**, *Institut national d'études démographiques*; **Laurent Toulemon**, *Institut National d'Études Démographiques (INED)*.
- Exploration des facteurs associés à l'entrée précoce des femmes en union : une analyse suivant les perspectives générationnelle et provinciale • **Miangotar Yode**, *Université de N'Djaména*; **Kelos Djerabe**, *Université de N'Djaména*; **Haroun Koumakoi**, *Université de N'Djaména*.



## Poster Session 2802

Socio-economic differentials in the effect of formal childcare availability on the timing and level of fertility: Spain 1994-2015 • **Pau Baizan-Munoz**, *Universitat Pompeu Fabra and ICREA*.

WHERE FAMILY PLANNING METHOD CHOICE IS LIMITED: STATE-WIDE SURVEY TO UNDERSTAND FAMILY PLANNING PARAMETERS, PATTERNS, AND BEHAVIORS IN BIHAR, INDIA • **Aritra Das**, *CARE India*; **Shegufta Shefa Sikder**, *Care USA*; **Utpal Das**, *Care India Solutions for Sustainable Development*; **sumit kumar**, *Care India Solutions for Sustainable Development*; **Komal Kumari**, *Care India Solutions for Sustainable Development*; **Manoj Kumar Singh**, *Care India Solutions for Sustainable Development*; **Sweta Kumari**, *Care India Solutions for Sustainable Development*; **Rakesh Giri**, *CARE India*; **Annie Mishra**, *Care India Solutions for Sustainable Development*; **Guntur Saimala**, *Care India Solutions for Sustainable Development*; **Padma Buggineni**, *Care India Solutions for Sustainable Development*; **Tanmay Mahapatra**, *CARE India Solutions for Sustainable Development*.

Trends and determinants of Institutional delivery in Tanzania, evidence from Demographic and Health Survey Data, 1991-2016 • **Esther Dungumaro**, *University of Dar Es Salaam*; **Mbwiga Aloni**, *Mkwawa University College of Education*.

Ethnicity, Contraceptive Use and Fertility desire among couples in Nigeria • **Akinwumi Fadayomi**, *National Bureau of Statistics, Abuja, Nigeria*; **Kolawole E. Odusina**, *Federal University Oye-Ekiti*; **Musa Abdulrahman**, *Data Analyst*.

Grossesses des adolescentes en Côte d'Ivoire. • **Yao Jean KOUADIO**; **Rosine Mosso**, *École Nationale de Statistiques et d'Economie Appliquée de Abidjan*; **Julius-Pathène Yao**, *Ecole Nationale de Statistique et d'Economie Appliquée (ENSEA)*; **Yao Hermann Koffi**, *École Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA)*.

What differences in couples influence the ideal family size and desire for more children: Evidences from NFHS 4 • **Mukesh Kumar**, *International Institute for Population Sciences (IIPS)*; **Kailash Chandra Das**, *International Institute for Population Sciences (IIPS)*.

Mother-in-law's Fertility or Husband Fertility Preference: Who has Greater influence on Young Women Fertility Preference in India? • **Divya Kumari**, *International Institute for Population Sciences (IIPS)*.

Les comportements reproductifs en fonction du sexe des enfants déjà nés : est-ce qu'il existe une préférence pour les garçons en Afrique Subsaharienne ? • **YAHYAOU Myriam**, *Institut National d'Études Démographiques (INED)*; **Valentine Becquet**, *INED*.

GENDER ROLES AND FERTILITY INTENTIONS IN ITALY • **Raffaella Patimo**, *Università degli Studi di Bari*; **Thaís García Pereiro**, *Università degli Studi di Bari "Aldo Moro"*; **Letizia Mencarini**, *Bocconi University, Milan, Italy*; **Maria Letizia Tanturri**, *University of Padova*.

Fertility decline among Muslim and Hindu women in India? Analysis of excess births to women born during 1960s and surviving • **Jay Prakash**, *Family Planning Division, Ministry of Health and Family Welfare, Govt. of India*; **Swati Sharma**, *Formative Research and Development Services*.

Fertility recuperation or births closer together? How education shapes timing and number of children • **Federica Querin**, *European University Institute*.

The Second Pregnancy Timing and it's Determinants in Context of Low Fertility of Tehran • **Hajiieh Bibi Razeghi Nasrabad**, *National Institute for Population Research, Iran*; **Meimanat Hosseini Chavoshi**, *University of Melbourne, Australia*; **Mohammad Jalal Abbasi-Shavazi**, *The University of Tehran*.

Access to maternity in India: Life trajectories towards an almost universal transition • **Rojin Sadeghi**, *University of Geneva*; **Michel Oris**, *University of Geneva*; **Matthias Studer**, *Université de Genève and NCCR-LIVES*.

Geographical Patterns and Determinants of Maternal High-Risk Fertility Behavior in India • **Pooja Singh**, *Banaras Hindu University*; **Kaushalendra Kumar Singh**, *Professor*.

Women's employment, gender attitude and fertility intentions in urban area in Togo • **Firmin Zinvi**, *Université de Montréal*; **Vissého Adjivanou**, *Université Du Québec à Montréal*; **Thomas LeGrand**, *University of Montreal*.

## Poster Session 2803

Association between antenatal care and low birth weight: findings from the 2018 Nigeria Demographic and Health Survey • **Ambrose Akinlo**, *Obafemi Awolowo University & University of Texas Health Science Center at Houston*; **Nnenna Ananaba**, *University of Texas Health Science Center at Houston*.

Unrealized fertility in low- and middle-income countries: distribution and determinants • **Shireen Assaf**, *ICF - The DHS Program*; **Lwendo Moonzwe Davis**, *ICF*.

Social network-based abortion incidence estimation in Burkina Faso: Examining the impact of the network generating question • **Suzanne Bell**, *Johns Hopkins Bloomberg School of Public Health*; **Georges Guiella**, *Université de Ouagadougou*; **Selena Anjur-Dietrich**, *Guttacher Institute*; **Caroline Moreau**, *Institut National de la Santé et de la Recherche Médicale (INSERM)*.

Exploring the effects of COVID-19 pandemic on sexual and reproductive health: a Brazilian framework using Kohler-Ortega tempo-adjusted fertility rates • **Raquel Coutinho**, *CEDEPLAR - Universidade Federal de Minas Gerais*; **Luciana Lima**, *Universidade Federal de Minas Gerais (UFMG)*; **Victor Leocádio**, *Universidade Federal de Minas Gerais (UFMG)*; **Tereza Bernardes**, *University of Pennsylvania*; **Adriana Miranda-Ribeiro**, *Universidade Federal de Minas Gerais (UFMG)*.

Fertility Expectations of the Women of Tehran-Do Values of Children Still Matter? • **Gouranga Dasvarma**, *Flinders University*; **Maryamsadat Hosseini**, *Flinders University*; **Udoy Saikia**, *Flinders University*.

Multilevel exploration of factors associated with family size preferences and non-response to fertility preference questions in Mexico's National Demographic Dynamics Survey • **Ana Ruth Escoto Castillo**, *Facultad de Ciencias Políticas y Sociales - UNAM*; **Ricardo Regules-García**, *Population Council*.

Patterns and Trends in Adolescent Fertility Across Municipalities in Nepal Between 2011 and 2016 • **Charlotte Greenbaum**, *Population Reference Bureau (PRB)*; **Samir KC**, *IIASA*; **Hari Dhonju**, *Digital Data System for Development*; **Toshiko Kaneda**, *Population Reference Bureau (PRB)*.

The increased contribution of women in consensual union to fertility in Brazil: an analysis of decomposition. • **Paula Guedes**, *Universidade Federal de Minas Gerais (UFMG)*; **Ana Paula Verona**, *Universidade Federal de Minas Gerais (UFMG)*.

Vulnerability Level of Spatial Units and Adolescent Fertility in Colombia • **Juliana Guerrero**, *United Nations Population Fund (UNFPA)*; **CARLOS RAMIREZ HERNANDEZ**, *United Nations Population Fund (UNFPA)*; **José L Wilches-Gutierrez**, *UNFPA*; **Lelio A Arias-Vizcaino**, *DANE*.

Demand and supply of adolescents and youth sexual and reproductive health services (AYSRHS) during Covid-19 in SSA: A scoping review • **Olutoyin Ikuteyijo**, *Swiss Tropical and Public Health Institute*; **Taofeek Aliyu**, *Department of Sociology and Anthropology, Obafemi Awolowo University, Ile-Ife*; **Akanni I. Akinyemi**, *Obafemi Awolowo University, Ile-Ife*; **Sonja Merten**, *Department of Epidemiology and Public Health, Swiss Tropical and Public Health, University of Basel*; **Lanre Ikuteyijo**, *Obafemi Awolowo University*; **Oladimeji Ogunoye**, *Obafemi Awolowo University*; **Oluwaseun Obasola**, *College of Medicine University of*

Ibadan, Nigeria; **John Abe**, Obafemi Awolowo University, Ile-Ife; **Jacob W. Mobolaji**, Obafemi Awolowo University, Ile-Ife; **Ojo M. Agunbiade**, Obafemi Awolowo University/ Department of Sociology and Anthropology.

Determinants of Early First Sexual Intercourse (before 16) among Students Currently aged 14-19 Secondary Schools in Cameroon's Capital City, Yaoundé • **Teke Johnson Takwa**, Central Bureau for the Census and Population Studies, Yaounde-Cameroon.

TRANSITION DE LA FECONDITE ET SCOLARISATION DES ENFANTS AU MAROC Analyse différentielle selon le genre • **loudghiri khadija**, Moroccan Health Ministry; **Fazouane abdessalam**, INSEA\_GEAS3D.

Fertility trajectory in Mozambique by region and education, 1987 to 2007 • **Francisco Macaringue**, Alberto João Macaringue and Julia Rodrigues Pessane; **Adriana Miranda-Ribeiro**, Universidade Federal de Minas Gerais (UFMG); **Laura L. R. Rodriguez Wong**, Federal University of Minas Gerais, CEDEPLAR.

Disability status and unintended pregnancy: Differential risk of pregnancy or fertility preferences? • **Kerry MacQuarrie**, The DHS Program (Avenir Health); **Fleuret Julia**, University of California, Davis.

Fertility Trends during Successive Novel Infectious Disease Outbreaks: Zika and Covid-19 • **Leticia J. Marteleto**, University of Texas at Austin; **Luiz Fernandes**, University of Texas at Austin; **Raquel Coutinho**, CEDEPLAR - Universidade Federal de Minas Gerais; **Sandra Valongueiro**, Universidade Federal de Pernambuco; **Molly Dondero**, American University; **Andrew Koepp**, University of Texas at Austin; **Ryan Lloyd**, University of Texas at Austin; **Ana Paula Portella**, University of Texas at Austin.

Correlates of teenage pregnancies in Sub-Saharan African countries • **Martin Enock Palamuleni**, North West University.

Does the Only-Child experience matter for women's fertility intention? Evidence from Chinese female migrants in Spain. • **Mengyao Wu**, University of Salamanca; **Alberto Del Rey Poveda**, University of Salamanca.

## Poster Session 2804

Is grandparenting socio-economically patterned? Evidence from England • **Giorgio Di Gessa**, University College London; **Karen F. Glaser**, King's College London; **Paola Zaninotto**, University College London.

Aging the crisis of care: the domestic work and care by and for elderly in Brazil • **Bruna Garcia**, Universidade Estadual de Campinas (UNICAMP); **Glaucia Santos Marcondes**, Universidade Estadual de Campinas.

Cognition and Sleep among Chinese Couples: A Longitudinal Actor-Partner Interdependence Model Analysis • **YU GUO**, Insititute for Population and Development Studies; **Quanbao Jiang**, Institute for Population and development Studies, Xi'an Jiaotong University.

Opinion of the actors in the planning of care for the elderly, territorial organization of the response and mortality in the nursing homes. • **Alain Jourdain**, Ecole des Hautes Etudes en Santé Publique, Arènes CNRS 6051.

Tobacco Cessation Behaviour among Indian Elderly: Evidence from the Longitudinal Ageing Survey in India • **Junaid Khan**, International Institute for Population Sciences (IIPS).

Understanding Vulnerability, Coping Mechanisms and Resilience among Abandoned Elderly Widows of Pilgrim centres in India: A Life Course Approach • **Ankita Kumari**, International Institute for Population Sciences (IIPS); **T.V. Sekher**, IIPS.



Exploring Intimacy in Old Age: A Case of Uganda's Rural Setting • **Fred Maniragaba**, *Makerere University*; **Ronald Wesonga**, *Uganda*; **Charles Lwanga**, *Makerere University*; **James Ntozi**, *Makerere University*; **Betty Kwagala**, *Makerere University*.

The Association between Single and Multiple Chronic Conditions and Depression among Older Population in India: A Comparative Study between Men and Women • **Trupti Meher**, *International Institute for Population Sciences (IIPS)*; **Muhammad T**, *Ph.D. Scholar*; **Shivani Gharge**, *International Institute for Population Sciences (IIPS)*.

Unmet Needs for Support in Activities of Daily Living among Older Adults in South-Western Nigeria: Do family and household structures matter? • **Jacob W. Mobolaji**, *Obafemi Awolowo University, Ile-Ife*; **Akanni I. Akinyemi**, *Obafemi Awolowo University, Ile-Ife*; **Lukman Solanke**, *Obafemi Awolowo University*.

“We tend to like young girls as we are older” – attitudes and perceptions of intergenerational relationships and sexual activity among older adults • **Makandwe Nyirenda**, *South African Medical Research Council, Burden Of Disease Unit*; **Sizakele Sukazi**, *HIV Prevention Research Unit, SAMRC*; **Cebo Buthelezi**, *HIV Prevention Research Unit, SAMRC*; **Jill Hanass-Hancock**, *Gender and Health Research Unit, SAMRC*.

Prevalence and Determinants of Recent HIV Testing among older persons in rural Uganda: A Cross-Sectional Study • **Stephen Ojiambo Wandera**, *Makerere University*; **Betty Kwagala**, *Makerere University*; **Fred Maniragaba**, *Makerere University*.

Living Arrangement, Social Positioning (security), and Economic Conditions of the Elderly in India • **Angad Singh**, *International Institute for Population Sciences (IIPS)*; **Dipti Govil**, *International Institute for Population Sciences (IIPS)*.

The Linkage between Living Arrangements, Social positioning (security), and Economic Condition with Physical and the Mental Health of the Elderly in India • **Angad Singh**, *International Institute for Population Sciences (IIPS)*; **Dipti Govil**, *International Institute for Population Sciences (IIPS)*.

Adult children's education and physical and cognitive health trajectories of older parents in Denmark • **Cosmo Strozza**, *Interdisciplinary Centre on Population Dynamics*; **Virginia Zarulli**, *University of Southern Denmark - Interdisciplinary Center on Population Dynamics*.

Capturing Transition of disability: Examining the role of disease in disability transition among elderly in India • **Srikanth Reddy Umenthala**, *international Institute for Population Sciences*; **Sonia Lohiya**, *jawaharlal Nehru University*.

The Impact of Population Aging on the German Statutory Pension Insurance – A Probabilistic Approach • **Patrizio Vanella**, *Helmholtz Centre for Infection Research*; **Miguel Rodriguez Gonzalez**, *Gottfried Wilhelm Leibniz Universität Hannover*; **Christina B. Wilke**, *FOM Hochschule für Oekonomie & Management*.

Do intergenerational support and socioeconomic status impact mental health of older adults in China? A Case from Shaanxi Province • **Chi Zhang**, *School of Public Policy and Administration, Xi'an Jiaotong University*.

## Poster Session 2805

Determinants of subsequent contraceptive use among adolescents with prior unmet need in the Rakai Community Cohort Study (RCCS) population in Uganda • **Lillian Aye bale**, *Makerere University*; **Tom Lutalo**, *Rakai Health Sciences Program*; **Allen Kabagenyi**, *Makerere University, Institute of Statistics And Applied Economics*; **Stephen Ojiambo Wandera**, *Makerere University*.

Can Family Planning Accelerate Mortality Reduction? Evidence on Birth Spacing and Child Survival from Rural Tanzania, 2000-2015 • **Colin Baynes**, *University of Washington*; **Almamy Malick Kante**, *Johns Hopkins Bloomberg School of Public Health*; **Jitihada Baraka**, *Ifakara Health*

*Institute (IHI); Amon Exavery, Ifakara Health Institute (IHI); James F. Phillips, Heilbrunn Department of Population and Family Health, Columbia University, New York, NY 10032, USA.*

Contraceptive method preference dynamics and fulfillment in urban Kenya, Nigeria, and Senegal • **Carolina Cardona**, Johns Hopkins University; **Philip Anglewicz P**, Johns Hopkins University; **David Bishai**, Johns Hopkins Bloomberg School of Public Health.

Influence des variables programmatiques sur l'intention d'utilisation future des méthodes contraceptives modernes chez les femmes en âge de procréer (Cote d'Ivoire) • **Marie Laure Essis**, institut national de santé publique d'Abidjan; **Djoukou Olga Denise kpebo**, Institut National de Santé Publique (Abidjan, Côte d'Ivoire); **Marie-Laurette Agbré-Yacé**, Institut National de Santé Publique (Abidjan, Côte d'Ivoire); **Joseph Aka**, Institut National de Santé Publique (Abidjan, Côte d'Ivoire).

From the Stork to Fertility Apps • **Rampazzo Francesco**, Oxford University; **Alyce Raybould**, London School of Hygiene and Tropical Medicine (LSHTM); **Pietro Rampazzo**, Technical University of Denmark; **Ross Barker**, Wittgenstein Centre for Demography and Global Human Capital.

Effects of condom availability in contraceptive use: a field experiment in a hostel in Lima • **Ignacio Franco Vega**, University of Bath.

Connaissance des méthodes contraceptives chez les jeunes et les adolescents au Niger • **Souleymane Garba**, L'Initiative OASIS Niger; **Salissou Malam Souley**, Insitut National de la Statistique Niger (INS-NIGER); **Illiasou Chaibou Halidou**, Initiative OASIS Niger.

Analyse du choix de contraception moderne en Afrique. Une approche par l'indice de contraception mixte. • **Tchango Ngélé Georges Alain**, Université de Montréal.

Durée de résidence et utilisation de la contraception moderne à Ouagadougou chez les femmes migrantes du milieu rural • **Théodore Kabore**, Institut Supérieur des Sciences de la Population (ISSP); **Moussa Bougma**, Institut Supérieur des Sciences de la Population (ISSP); **Ali Sawadogo**, Institut Supérieur des Sciences de la Population.

Family planning service disruptions amid COVID-19: Longitudinal evidence from facilities in seven low- and middle-income countries • **Celia Karp**, Johns Hopkins Bloomberg School of Public Health; **Caroline Moreau**, INSERM/INED and Johns Hopkins School of Public Health; **Funmilola OlaOlorun**, University of Ibadan; **Pierre Akilimali**, Université de Kinshasa; **Georges Guiella**, Université de Ouagadougou; **Peter Gichangi**, International Center for Reproductive Health, Kenya; **Anoop Khanna**, Indian Institute of Health Management (IIHMR); **Rosine Mosso**, École Nationale de Statistiques et d'Economie Appliquée of Abidjan; **Frederick Makumbi**, Makerere University; **Shannon Wood**, Johns Hopkins Bloomberg School of Public Health; **Philip A. Anglewicz**, Tulane University.

Exploring user-centered counseling in contraceptive decision-making: evidence from a field experiment in urban Malawi • **Mahesh Karra**, Boston University; **Kexin Zhang**, Boston University.

Cross-national differences in the use of contraception and abortion services between England, Wales and Scotland • **Bernice Kuang**, University of Southampton; **Ann M. Berrington**, University of Southampton.

Changes in contraceptive use in times of pill scare: an age-period-cohort approach • **Mireille Le Guen**, Université Catholique de Louvain.

Prioritizing the needs of adolescents by building the evidence base for life-saving impact of scaling up contraception and abortion for adolescents in Ethiopia, Malawi and Zambia using LiST • **Tiziana Leone**, LSE; **Laura Sochas**, London School of Economics; **Tamara Feters**, Ipsas; **Ernestina E. Coast**, London School of Economics and Political Science (LSE).

Multi-country analysis of DMPA-SC stock status trends in private and public facilities • **Sophia Magalona**, Johns Hopkins Bloomberg School of Public Health; **Shannon Wood**, Johns Hopkins

*Bloomberg School of Public Health; Frederick E. Makumbi, Johns Hopkins Bloomberg School of Public Health; Simon Peter Sebina Kibira, Makerere University School of Public Health; Georges Guiella, Université de Ouagadougou; Pierre Akilimali, Université de Kinshasa; Funmilola OlaOlorun, University of Ibadan; Jane Cover, PATH; Philip Anglewicz P, Johns Hopkins University.*

Family planning among blended Somali women in Nairobi City, Kenya. • **Eliphas Makunyi**, *Kenyatta University.*

Trends in contraceptive use during the extended COVID-19 period in sub-Saharan Africa: Insights from four population-based cohort studies • **Caroline Moreau**, *INSERM/INED and Johns Hopkins School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Funmilola OlaOlorun, University of Ibadan; Pierre Akilimali, Université de Kinshasa; Georges Guiella, Université de Ouagadougou; Peter Gichangi, International Center for Reproductive Health, Kenya; Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Philip A. Anglewicz, Tulane University.*

Besoins non satisfaits en planification familiale chez les minorités pygmées du Cameroun: dynamique des facteurs et origines des changements au cours des 20 dernières années • **Blaise Arnold MVE**, *Ministry of Economy and Planning.*

Barrières d'accès à la planification familiale à Niamey : entre qualité des services et motivations des femmes • **Abdoul-Moumouni Nouhou**, *Groupe de Recherche et d'Action pour le Développement.*

Bridewealth payment and condom negotiation self-efficacy of married and cohabiting women in Ghana • **Charlotte Ofori**, *Regional Institute for Population Studies (RIPS); Naa Dodua Dodoo, University of Ghana; Adriana A. Biney, Regional Institute for Population Studies (RIPS); Francis Dodoo, Pennsylvania State University.*

Patterns and correlates of contraceptive side effects among Kenyan women: a prospective cohort analysis • **Claire Rothschild**, *University of Washington; Barbra Richardson, University of Washington; Lisa Callegari, University of Washington; Elizabeth Harrington, University of Washington; Peninah Kithao, UW-Kenya; Tom Omurwa, PATH-Kenya; James Mukabi, PATH-Kenya; John Kinuthia, Kenyatta National Hospital; Brandon Guthrie, University of Washington; Grace John-Stewart, University of Washington; Jennifer Unger, University of Washington; Alison Drake, University of Washington.*

Resumption of sexual intercourse and contraception use among Indian postpartum women. • **Shalini Singh**, *International Institute for Population Sciences (IIPS); Adarsh, International Institute for Population Sciences (IIPS).*

Contraceptive transition plateaus in sub-Saharan Africa • **Mark Wheldon**, *United Nations Population Division; Philipp Ueffing, United Nations, Population Division; Joseph Molitoris, United Nations Population Division; Aisha Dasgupta, UK Foreign Commonwealth and Development Office; Vladimira Kantorova, United Nations.*

Changes in implant and other modern contraceptive use in Ethiopia after task sharing to permit Health Extension Workers to place Implanon • **Jennifer Winston**, *University of North Carolina at Chapel Hill; Lisa M. Calhoun, University of North Carolina at Chapel Hill; David Guilkey, University of North Carolina at Chapel Hill; Ilene Speizer, University of North Carolina at Chapel Hill.*

Analyse des parcours de vie sexuelle des femmes et leurs conséquences sur l'utilisation actuelle de la contraception en Côte D'ivoire • **Julius-Pathène Yao**, *Ecole Nationale de Statistique et d'Economie Appliquée (ENSEA); Rosine Addy Mosso, Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA); Raimi Fassassi, Ecole Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA); Yao Jean KOUADIO; Yao Hermann Koffi, École Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA).*

## Poster Session 2806

Challenges in Accessing Family Planning Services During COVID-19 Lockdown by Urban Poor:

Evidence from Indore and Agra • **Siddharth Agarwal**, *Urban Health Resource Centre (UHRC)*; **Shabnam Verma**, *Urban Health Resource Centre (UHRC)*; **Mayaram Sharma**, *Urban Health Resource Centre*; **C B Sharma**, *Urban Health Resource Centre*; **Neeraj Verma**, *Urban Health Resource Centre (UHRC)*; **Kanupriya Kothiwala**, *Urban Health Resource Centre (UHRC)*.

Travaux Domestiques Et Inégalités Liées Au Genre Dans L'éducation Dans Les Pays D'Afrique Subsaharienne: Cas Du Sénégal • **Edem Akpo**, *CREG*; **Sam Agbahoungba**, *CREG - LAREG*; **Latif Dramani**, *CREG-CREFAT*.

Developing the menstrual justice agenda: Insights from Nepal • **Frances Amery**, *University of Bath*; **Melanie Channon**, *University of Bath*; **Jennifer Thomson**, *University of Bath*; **Mahesh Puri**, *Center for Research on Environment Health and Population Activities (CREHPA)*.

Emergency contraceptive use as a contextual and dynamic behaviour among emerging adults in urban Ghana • **Donatus Atiglo**, *Regional Institute for Population Studies (RIPS), University of Ghana, Legon, P. O. Box LG 96, Accra*; **Adriana A. Biney**, *Regional Institute for Population Studies (RIPS)*; **Laud Sowah**, *University of Ghana, legon*; **Augustine Ankomah**, *Population Council*.

Spatial Analysis of Modern Contraceptive use in Ethiopia: Using a linked data from Performance Monitoring for Action • **Bedilu Ejigu**, *Addis Ababa University*; **Solomon Shiferaw**, *Addis Ababa University*; **Assefa Seme**, *Addis Ababa University*.

Mapping measures of gendered poverty on household surveys and census information in Brazil (1990-2020) • **Thais Filippi**, *Universidade Estadual de Campinas (UNICAMP)*; **Glaucia Santos Marcondes**, *Universidade Estadual de Campinas*.

Accès à l'information sur les services de la planification familiale chez les adolescents-es et les jeunes au Niger • **Amani Hachimou**, *Groupe de Recherche et d'Action pour le Développement (GRADE AFRICA)*; **Souleymane Garba**, *L'Initiative OASIS Niger*; **Balki Ibrahim Agali**, *GRADE AFRICA*; **ABOUBACAR CHAIBOU Nouridine**, *Meal Officer, CARE Niger*.

Factors affecting domestic violence in women during their pregnancies in northeast India. • **Sharatchandra Haobijam**, *Manipur University*; **Kshetrimayum Anand Singh**, *Manipur University*.

Women's Land Ownership and Its Impact on Spousal Violence and Sexual Decision Making Behaviour: Investigating Inequalities and Transformations in India • **Charu Jain**, *National Council of Applied Economic Research, India*; **Ruchi Jain**, *National Council of Applied Economic Research, India*.

Gender Differences in Perceived Risk and Knowledge about COVID 19: An Indian Perspective • **Ruchi Jain**, *National Council of Applied Economic Research, India*; **Sumiran Chandra**, *NCAER*; **Santanu Pramanik**, *National Council of Applied Economic Research, India*; **Sonalde B. Desai**, *India Human Development Survey*; **Dinesh Tiwari**, *National Council of Applied Economic Research*.

Comparative analysis of son preference in Indian immigrants in Spain, USA and Canada: The role of parental education, age, place of birth and endogamy. • **Parminder Kaur**, *Universitat Autònoma de Barcelona*; **Iñaki Permanyer Ugartemendia**, *Autonomous University of Barcelona*.

GENDER, WORK AND RURAL LIVELIHOODS: GLIMPSES FROM HANDLOOM SECTOR IN SUALKUCHI, ASSAM • **Priyanka Koiri**, *B. Borooah College, Assam*.

Association between the financial security of women and modern contraceptive use in rural Maharashtra, India. • **Battala Madhusudana**, *Population Council, India*; **Shahina Begum**, *RD Gardi Medical College*; **Anvita Dixit**, *Faculty of Health Sciences, University of Ottawa*; **Sarah Averbach**, *Center on Gender Equity and Health, UC San Diego*; **Nicole Johns**, *Center on Gender Equity and Health, UC San Diego*; **Mohan Ghule**, *National Institute for Research in Reproductive*



*Health (NIRRH) (ICMR); Niranjana Saggurthi, Population Council; Anita Raj, University of California, San Diego.*

Measuring and mismeasuring women's work: The case of South Africa • **Jacqueline Mosomi**, *University of Cape Town*; **Martin Wittenberg**, *University of Cape Town*.

Urban-rural differences in coverage and utilization of family planning services in India during the COVID-19 pandemic of 2020 • **Arupendra Mozumdar**, *Population Council*; **Abhishek Kumar**, *International Institute for Population Sciences (IIPS)*; **Sana Ashraf**; **Anshul Kastor**, *International Institute for Population Sciences (IIPS)*; **Ashita Munjral**, *Reproductive Health Program*; **Ankita Shukla**, *International Institute for Population Sciences (IIPS)*; **Subrato Mondal**, *U.S. Agency for International Development (USAID)*; **Niranjana Saggurthi**, *Population Council*; **Rajib Acharya**, *Population Council*.

From unintended pregnancies to abortions among women in union in Cameroon: low mastery of family planning and use of emergency contraception • **Suzy Emmanuelle Obama Ntsatoumou**, *IFORD*.

The burden of unpaid activities on gender equality in Indian states • **Aditi Prasad**, *International Institute for Population Sciences (IIPS)*; **Aparajita Chattopadhyay**, *International Institute for Population Sciences (IIPS)*.

Gender Differences in Sleep Problems among Older Adults in Six Middle-Income Countries: A Cross-sectional Study • **Ritu Rani**, *International Institute for Population Sciences (IIPS)*; **Selvamani Yesuvadian**, *International Institute for Population Sciences (IIPS)*; **Ankit Sikarwar**, *International Institute for Population Sciences (IIPS)*.

Poverty and Gender Difference among the Youth of the Douala Metropolis of Cameroon • **Nanche Robert**, *university of maroua*.

Family Planning in Times of COVID: Findings from a Remote Qualitative Research in Uttar Pradesh and Bihar, India • **Kuhika Seth**, *International Center for Research on*; **Sneha Sharma**, *ICRW*; **Sharmishtha Nanda**, *International Center for Research On Women (ICRW)*; **Aishwarya Sahay**, *ICRW*; **Pranita Achyut**, *Icrw*.

Time to uptake female sterilization: A survival analysis of Socio demographic pattern of Sterilization among women in India • **Srikanth Reddy Umenthala**, *International Institute for Population Sciences (IIPS)*.

Genre et développement de la petite enfance : cas des enfants de 36-59 mois en Côte d'Ivoire • **Julius-Pathène Yao**, *Ecole Nationale de Statistique et d'Economie Appliquée (ENSEA)*; **Rosine Mosso**, *École Nationale de Statistiques et d'Economie Appliquée of Abidjan*; **Yao Hermann Koffi**, *École Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA)*; **Yao Jean KOUADIO**.

## Poster Session 2807

Violences basées sur le genre : évolution et perspectives de lutte contre les mutilations génitales féminines au Bénin • **Pacôme ACOTCHEOU**, *Institut Régional de Santé Publique (IRSP)*; **Jacques Saizonou**, *Institut régional de Santé Publique, Université d'Abomey-Calavi (IRSP/UAC)*; **Alphonse Affo**, *Centre de Formation et de Recherche en matière de Population (CEFORP)*; **Justin Dansou**, *Université de Parakou*.

FACTEURS ASSOCIES A LA PERSISTANCE DES MUTILATIONS GENITALES FEMININES (MGF) AU NORD BENIN • **Alphonse Mingnimon Affo**, *Université Abomey Calavi*; **Justin Dansou**, *Université de Parakou*; **Pacôme ACOTCHEOU**, *Institut Régional de Santé Publique (IRSP)*; **Jacques Saizonou**, *Institut régional de Santé Publique, Université d'Abomey-Calavi (IRSP/UAC)*.

- Reducing maternal mortality due to unsafe abortion: the Ghana paradox • **Samuel Antobam**, *Ipas Ghana*; **Ebo Essilfie-Amoah**, *Memorial University of Newfoundland*.
- Maternal health care and reproductive behaviour of Child brides in India; Evidences from cross-sectional study of a nationally representative sample • **Jyoti Das**, *NA*; **Kailash Chandra Das**, *International Institute for Population Sciences (IIPS)*.
- Experiences of intimate partner violence among same-sex partners in South Africa: what is the role of age-disparity? • **Nicole De Wet- Billings**, *University of the Witwatersrand, Johannesburg*; **Brendon Billings**, *University of the Witwatersrand*.
- Gender differences in time allocation to paid and unpaid work: Evidence from Urban Guatemala, 2000-2014 • **Ilya Espino**, *Independent Consultant*; **Ana Hermeto**, *Cedeplar, UFMG*; **Luciana Luz**, *Cedeplar/Ufmg*.
- Severe maternal morbidity in Brazil: analysis of the incidence of maternal near miss, for the federation units, in the period between 2010 and 2019 • **Michelle Ferreira**, *Universidade Federal de Minas Gerais (UFMG)*; **Raquel Coutinho**, *CEDEPLAR - Universidade Federal de Minas Gerais*; **Bernardo L. Queiroz**, *centro de desenvolvimento e planejamento regional*.
- Predictors of Condom Use Among Young Women in Multiple Sexual Partnerships in Haiti • **David Jean Simon**, *Paris 1 Panthéon Sorbonne*.
- Documenting the experiences providing sexual and reproductive health services in Ethiopia during the COVID-19 pandemic: A mixed methods study • **Katherine Key**, *Ibis Reproductive Health*; **Teshager Mersha**, *MSI Ethiopia*; **Kate Austen**, *MSI Choices*; **Georgina Page**, *MSI Choices*; **Alexandra Wollum**.
- Determinants of sexual communication between adolescents and their parents in the Adaklu district of the Volta Region, Ghana: A multinomial logistic regression analysis • **Desmond Klu**, *Institute of Health Research, University of Health and Allied Sciences, Ghana*; **Percival Agordoh**, *Department of Nutrition and Dietetics, School of Allied Health Sciences, University of Health and Allied Sciences*; **Charles Azagba**, *Adaklu District Health Directorate, Ghana Health Service*; **Margaret Gyapong**, *Institute of Health Research, University of Health and Allied Sciences*; **Evelyn Ansah**, *Institute of Health Research, University of Health and Allied Sciences*; **Anthony Ofofu**, *Ghana Health Service*.
- Un résumé • **Guigui didier Legbre**, *Institut de Formation et de Recherche Démographiques (IFORD)*.
- What explains the Rural-Urban Gap in Use of Hygienic Methods of Menstrual Protection among Youth in the East Indian State of Bihar? • **Barsharani Maharana**, *International Institute for Population Sciences (IIPS)*.
- Textes réglementaires actuels en matière de planification familiale au Niger et protection des prestataires de services de santé de reproduction et des clients jeunes et adolescents • **Salissou Malam Souley**, *Grade Africa*; **Abdoul-Moumouni Nouhou**, *Groupe de Recherche et d'Action pour le Développement*; **Balki Ibrahim Agali**, *Groupe de Recherche et d'Action pour le Développement*.
- HIRING DOMESTIC WORKERS DURING THE COVID-19 PANDEMIC IN BRAZIL • **Luana Myrrha**, *Universidade Federal do Rio Grande do Norte*; **Silvana Nunes de Queiroz**, *Universidade Regional do Cariri*; **Priscila de Souza Silva**, *Universidade Federal do Rio Grande do Norte*; **Jordana Jesus**, *Cedeplar, UFMG*.
- Perception about men's need for preconception care among stakeholders in Ibadan, Southwest Nigeria – a qualitative study • **Oludoyinmola O. Ojifinni**, *School Of Public Health University Of The Witwatersrand*; **Latifat Ibisomi**, *Wits University*.
- Hysterectomy and its associative factors among women aged 40 and above in India • **Chandrima Paul**, *International Institute for Population Sciences (IIPS)*; **Manali Swargiary**, *international Institute for Population Sciences*; **Sampurna Kundu**, *Jawaharlal Nehru University*.

Household wealth relative to community wealth: Associations with maternal and reproductive health • **Sara Riese**, *ICF Macro*; **William Winfrey**, *Avenir Health*.

THE INTERSECTIONAL EFFECT OF GENDER AND RACE ON OCCUPATIONAL MOBILITY OF MIGRANTS AND NON-MIGRANTS FROM NORTHEAST BRAZIL • **Francisco Rodrigues**, *Universidade Federal do Rio Grande do Norte*; **Luana Myrrha**, *Universidade Federal do Rio Grande do Norte*; **Járvys Campos**, *UFRN*.

Depression among sexual minorities: A mix-methods study in Minas Gerais – Brazil • **Samuel Silva**, *CEDEPLAR*; **Paula Miranda-Ribeiro**, *CEDEPLAR, Universidade Federal de Minas Gerais*; **Kenya V. Noronha**, *Universidade Federal de Minas Gerais (UFMG)*; **Gilvan R. Guedes**, *Universidade Federal de Minas Gerais (UFMG)*.

Age at First Marriage in India: A history of 25 years • **Mayank Singh**, *International Institute for Population Sciences (IIPS)*.

Impact of Mothers Age and Use of IVF on the Health Outcomes at Childbirth • **Anna Štastná**, *Charles University in Prague and Research Institute for Labour and Social Affairs*; **Ludek Sidlo**, *Charles University, Prague*; **Jirina Kocourkova**, *Charles University In Prague*.

Do income inequality and women empowerment predict obesity in Latin American cities? • **Natalia Tumas**, *Pompeu Fabra University*; **Cecilia Anza Ramírez**, *CRONICAS Centre of Excellence in Chronic Diseases, Universidad Peruana Cayetano Heredia, Peru.*; **Mariana Carvalho de Menezes**, *Universidade Federal de Ouro Preto, Brazil.*; **Mónica Mazariegos**, *Instituto de Nutrición de Centro América y Panamá (INCAP), Guatemala.*; **Kari Moore**, *Dornsife School of Public Health, Drexel University, Philadelphia, USA.*; **Ana Ortigoza**, *Dornsife School of Public Health, Drexel University, Philadelphia, USA.*; **Carolina Pérez Ferrer**, *Instituto Nacional de Salud Pública, Mexico.*; **Santiago Rodríguez López**, *CIECS, CONICET and Universidad Nacional de Córdoba, Argentina.*; **Olga Sarmiento**, *Universidad de los Andes*; **Joan Benach**, *Pompeu Fabra University*; **Mariana Lazo**, *Dornsife School of Public Health, Drexel University, Philadelphia, USA.*

Change of socioeconomic status and inequity in maternal health care in Bangladesh: Implication for developing countries • **M Sheikh Giash Uddin**, *Jagannath University*; **Mohammed A**, *National Institute of Population Research and Training (NIPORT)*.

“Nothing Wrong to Say No” Attitude Towards Negotiating Safer Sexual Relations: Exploring Power Dynamics Among Married Couples in India • **Deepanjali Vishwakarma**, *International Institute for Population Sciences (IIPS)*.

Potency of religious influence on sexual infidelity among women and men in union in Ghana and Nigeria • **Onipede Wusu**, *Lagos State University*.

## Poster Session 2808

Do the changes in classification of traditional methods of contraception influence tCPR estimates in sub-Saharan African countries? • **Nurudeen Alhassan**, *African Institute for Development Policy (AFIDEP)*; **Maame Peterson**, *African Institute for Development Policy*; **Nyovani Madise**, *African Institute for Development Policy (AFIDEP)*; **Nicholas Adam**, *African Institute for Development Policy (AFIDEP)*.

Contraceptive use and changing beliefs about childbearing • **Kathleen Broussard**, *University of Texas at Austin*.

Gap analysis of Child Marriages and Early and Forced Unions (CMEFU) in Colombia • **YESSICA CARABALI MENDOZA**, *Consultant on gender, rights and interculturality at UNFPA*; **ESTEFANIA MOSQUERA GÓMEZ**, *Data processing and analysis consultant at*

UNFPA; **LAURA LOZANO**, *Gender, Rights and Interculturality Advisor*; **CARLOS RAMIREZ HERNANDEZ**, *United Nations Population Fund (UNFPA)*.

Before Pills and Injectables: variations in correlates of traditional contraceptive practice across sub-regions in sub-Saharan-Africa • **Fidelia A. A. Dake**, *Regional Institute for Population Studies, University of Ghana*; **Justin Dansou**, *Université de Parakou*.

Traditional contraception in modern times: a methodological enquiry in measurement of traditional methods of contraceptive use in four African countries • **Naa Dodoo**, *University of Ghana*; **Maame Peterson**, *African Institute for Development Policy*; **Nyovani Madise**, *African Institute for Development Policy (AFIDEP)*.

A GIS-based Modeling Approach to Assess Physical Access to Family Planning Services in South Sudan • **Mohamed Abd salam EL Vilaly**, *United Nations Population Fund (UNFPA)*; **Frankline Echerue**, *UNFPA*; **Maureen Johns**, *UNFPA*; **Wellington Mbithi**, *UNFPA*; **Sainan Zhang**, *United Nations Population Fund (UNFPA)*; **Witness Chirinda**, *United Nations Population Fund (UNFPA)*.

What Does the Second Child Cost? Gender, Birth Order and Child Well-Being in China • **Libin Fan**, *University at Albany, SUNY*.

Housework and Mental Health of Adolescent Girls and Boys in India • **Nancy Luke**, *Pennsylvania State University*; **Ashley Gibby**, *Brigham Young University*.

Is household wealth associated with consistent condom use among young women (15-35 years) in Zimbabwe? • **GOABAONE MABAILA**, *University of Botswana*.

Influence of COVID-19 on Family Planning: Case of Bulgaria • **Mariana Mourgova**, *University of National And World Economy Sofia Bulgaria*; **Petya Andreeva**, PhD, MD, *Associate Professor, Shterev Hospital, Sofia, Bulgaria*; *South-West University, Blagoevgrad*.

Assessing the effects of community health program on contraceptive use in Rwanda • **Ndaruhuye Dieudonne Muhoza**, *University of Rwanda*.

The diffusion of scientific knowledge on family planning behavior: when, where, how and by whom is research being done? • **Aasli Nur**, *University of Washington*; **Aliakbar Akbaritabar**, *Max Planck Institute for Demographic Research (MPIDR)*; **Maria Vignau Loria**, *University of Washington*; **Noah Coolman**, *University of Washington*; **Xinguang Fan**, *Peking University*; **Sara Curran**, *University of Washington, Seattle*.

Is Education the “Window of Hope” to reducing HIV transmissions in Southern Africa? Evidence from Six recent Country DHS Data. • **Million Phiri**, *University Of Zambia*; **Nkuye Moyo**, *University Of Zambia*.

Partner’s controlling behavior as a mediator of the association between sociodemographic variables and risk of intimate partner violence in Haiti • **Guéter Port-Louis**, *El Colegio de Mexico*.

FAMILY PLANNING PRACTICES AND CHANGES THEREOF - THE UNTOLD STORY OF MARRIED WOMEN OF REPRODUCTIVE AGE IN BIHAR • **Shegufta Shefa Sikder**, *Care USA*; **Padma Buggineni**, *Care India Solutions for Sustainable Development*; **Utpal Das**, *Care India Solutions for Sustainable Development*; **sumit kumar**, *Care India Solutions for Sustainable Development*; **Rakesh Giri**, *CARE India*; **Sweta Kumari**, *Care India Solutions for Sustainable Development*; **Manoj Kumar Singh**, *Care India Solutions for Sustainable Development*; **Guntur Saimala**, *Care India Solutions for Sustainable Development*; **Aritra Das**, *CARE India*; **Tanmay Mahapatra**, *CARE India Solutions for Sustainable Development*.

Prevalence and determinants of experience of physical violence among ever-partnered women age 18-35 years in South Africa • **Mluleki Tsawe**, *North-West University*; **Stephina K. Mbele**, *North-West University*.

Temperature, Sexual Behavior, and the Internet: What Can We Learn From Google Searches? • **Joshua K. Wilde**, *Max Planck Institute for Demographic Research (MPIDR)*; **Sophie**



**Lohmann**, Max Planck Institute for Demographic Research (MPIDR); **Wei Chen**, Max Planck Institute for Demographic Research (MPIDR).

Family Planning And Fertility Trends In Rural And Urban Communities Of Lagos Nigeria: A Key Policy Lever • **Kikelomo Wright**, Lagos State University College of Medicine & Teaching Hospital; **Modupe Akinyinka**, Lagos State University College of Medicine Nigeria; **Bisola Adebayo**, Lagos State University College of Medicine Nigeria; **Khadija Bashir**, Lagos State University Teaching Hospital Nigeria; **Funmilade Adepoju**, Lagos State University Teaching Hospital Nigeria; **Aderinsola Anifowose**, Lagos State University Teaching Hospital Nigeria; **Aduragbemi Banke-Thomas**, London School of Economics and Political Science, London; **Onipede Wusu**, Lagos State University.

Measuring cognitive and psychosocial accessibility to modern contraception: A comprehensive framework • **Moussa Zan**, University of Geneva; **Clémentine Rossier**, University of Geneva, Institute of demography and Socioeconomics.

## Poster Session 2809

Second time's the charm: Event history analysis of recurrent internal migration in the Philippines • **Sanny Boy Afable**, University of the Philippines Population Institute (uppi).

Does health matter for migrants' fertility intentions? Evidence from Italy • **Giammarco Alderotti**, Università di Firenze; **Eleonora Trappolini**, Sapienza University of Rome.

Intimate partner violence in Cambodia: Is women's empowerment a protective factor? • **Chiew Way Ang**, Universiti Malaya; **Siow Li Lai**, University of Malaya.

COMPARATIVE STUDY OF SOCIO-DEMOGRAPHIC PROFILES OF SELF-SETTLED URBAN REFUGEES AND ASSISTED RURAL SETTLEMENT REFUGEES IN UGANDA • **Francis Anyanzu**, University of the Witwatersrand, Johannesburg; **Nicole DeWet-Billings**, University of Witwatersrand.

Emigrations of African migrants in Belgium: the role of family situation and migration experience • **Josue JBM Begu Mbolipay**, Université Catholique de Louvain (UCL) - Centre for demographic research; **Bruno D. Schoumaker**, Université catholique de Louvain (UCL); **Marie-Laurence Flahaux**, Institut de Recherche pour le Développement (IRD).

Internal Migration, Social Structure and Citizenship Rights in India • **Ram B. Bhagat**, International Institute for Population Sciences (IIPS).

The Disempowering Virus. Covid-19 and its effects on settled migrant women. • **Daniela carrillo**, University of Milan-Bicocca; **Patrizia Farina**, University Milan Bicocca.

Gender and family responsibilities of young Venezuelans: a typology of migration trajectories in a context of crisis • **Robin Cavagnoud**, Pontificia Universidad Católica del Perú (PUCP).

Access to Sexual and Reproductive Health of Syrian Women in Jordan: a multilevel assessment • **Lucia Ferrone**, Università degli Studi Di Firenze; **Francesca Poggiali**, Università degli Studi di Firenze.

Is sexual violence a driver of migration among Honduran and El Salvadorean children and adolescent girls • **Sasha Frade**, University of The Witwatersrand; **Sarah Neal**, University of Southampton; **Andrew R. Channon**, University of Southampton; **Sarahí Rueda Salazar**, University of Southampton.

FERTILITY INTENTIONS FROM AN ORIGIN-DESTINATION PERSPECTIVE: THE CASE OF ALBANIAN AND ROMANIAN WOMEN IN ITALY • **Thais García Pereiro**, Università degli Studi di Bari "Aldo Moro"; **Anna Paterno**, Università degli Studi di Bari.

Internal mobility in India: Four decadal census based assessment of in-migration in Punjab • **Harleen Gill**, Centre for Research in Rural and Industrial Development, Chandigarh (Panjab University).

- The identification Course of Sex Orientation of Chinese Gay Men • **Xiyuan Hu**, *Peking University*; **Chao Guo**, *Institute of Population Research, Peking University*.
- Utilization of Reproductive Health Care Services among Urban Slum Women in Bangladesh • **Mohammad Mainul Islam**, *Department of Population Sciences, University of Dhaka*; **Md. Zakiul Alam**, *Unievrsity of Dhaka*.
- Comparing rural-to-urban and urban-to-urban interregional migration flows in China: spatial patterns and determinants • **Sen Li**, *The Chinese University of Hong Kong (CUHK)*; **Jianfa Shen**, *The Chinese University of Hong Kong*.
- Effet de la migration internationale sur la réalisation des tâches domestiques par les hommes dans les ménages en France • **Perpetue Madungu Tumwaka**, *Institut National De La Statistique*.
- Barriers in Seeking Maternal and Child Health care in the community: An Intersectionality Approach • **Prem Mishra**, *Institute for Social And Economic Change*.
- Differences in integration outcomes for formerly irregular or regular immigrants in Italy • **Angela Paparusso**, *Institute for Research on Population and Social Policies (IRPPS-CNR)*; **Mattia Vitiello**, *Institute for Research on Population and Social Policies (IRPPS-CNR)*.
- Personal Determinants of Burden among Indonesian Female Caregivers of Older Adults in Taiwan • **John Perez**, *Tunghai University*; **Carol Troy**, *Tunghai University*; **Tjin Anna**, *Tunghai University*.
- Climate induced displacement and human migration landscape in Bangladesh • **Muhammad Rahaman**, *Center for People & Environ*.
- Men's role in maternal health: A comparative assessment of Empowered Action Group (EAG) states and South Indian states • **Koyal Sindhu**, *International Institute for Population Sciences (IIPS)*; **R. Nagarajan**, *International Institute for Population Sciences (IIPS)*.
- Stress, fatigue, and sexual spontaneity among married couples in a high-stress society: evidence from sex diary data from Singapore • **Poh Lin Tan**, *National University of Singapore*.
- Why unmarried young people terminate pregnancy: findings from a qualitative study in China • **Mengjun Tang**, *China Population and development Research Center*.
- The health of Immigrant Adolescents and Youth in Denmark: Examining the effects of Immigrant Generations and Origin. • **Anna Tegunimataka**, *Lund University*.
- Migrant families amidst uncertainty: the impact of border closures and temporary protection permits on Venezuelan families in Chile and Colombia • **Nuni Vieira Jorgensen**, *Queen Mary University of London*.

## Poster Session 2810

- Population Size and Contestations for Political Powers in a Multi-Ethnic Setting: Interrogating Fertility Behaviour in Nigeria • **Yemi Adewoyin**, *University of Nigeria, Nsukka (UNN)*; **Clifford O. Odimegwu**, *University of the Witwatersrand*.
- Access to housing by migrant population in Montevideo • **Julieta Bengochea**, *Programa de Población, Facultad de Ciencias Sociales, Universidad de la República*; **Victoria Prieto Rosas**, *Universidad de la Republica*; **Camila Montiel**, *Universidad de la República*.
- Migrer en famille ou seul : une étude des facteurs d'attraction des migrants internes en Chine • **Lamia Berrada**, *Université de Montréal*; **Alain Gagnon**, *Université de Montréal*; **Nong Zhu**, *Institut National de la Recherche Scientifique (INRS)*.
- Trends in tertiary education, field of study and the gender gap in labour market outcomes in South Africa • **Nicola Branson**, *University of Cape Town*; **Jacqueline Mosomi**, *University of Cape Town*.

- Immigration dynamics in social conflict context: selected provinces from Afghanistan • **Vanessa Cardoso Ferreira**, *Pan American Health Organization*; **Laura L. R. Rodriguez Wong**, *Federal University of Minas Gerais, CEDEPLAR*; **Jose Alberto M. de Carvalho**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*.
- Adolescent migration to urban areas and schooling in Africa and Asia • **Sophia Chae**, *University of Montreal*; **Jessie Pinchoff**, *Population Council*; **Mark R. Montgomery**, *Population Council*.
- Measuring the Economic Costs of Women's Exclusion and the Benefits from Closing Gender Gaps: Evidence from a Macrosimulation Model • **Wendy Cunningham**, *World Bank*; **Sarika Gupta**, *World Bank*; **Joshua K. Wilde**, *Max Planck Institute for Demographic Research (MPIDR)*; **Mitja del Bono**, *World Bank*; **Mahesh Karra**, *Boston University*.
- Women in leadership positions: evidence of a glass ceiling phenomenon in Brazilian formal labour market. • **Tainá da Silva**, *No Current employer*.
- Framing immigration and integration of immigrants: A computational analysis of Canadian newspapers and sources of bias, 1977–2020. • **Yao Robert Djogbenou**, *Département de Démographie, Université de Montréal*; **Vissého Adjiwanou**, *Université Du Québec à Montréal*; **Solène Lardoux**, *Université de Montréal*.
- High school teachers in Northeast Brazil: migration and commuting • **Wilson Fusco**, *Fundação Joaquim Nabuco*; **Járvys Campos**, *UFRN*; **Ricardo Ojima**, *Universidade Federal do Rio Grande do Norte (UFRN)*; **Silvana Nunes de Queiroz**, *Universidade Regional do Cariri*; **Álvaro D'Antona**, *UNICAMP*.
- Covid-19 and urbanization: a comparison of patterns across the world • **Michel Garenne**, *Institut de Recherche pour le Développement (IRD)*.
- Gender-related wage gaps among the social and STEM policy research workforces: a tale of two labour markets • **Neeru Gupta**, *University of New Brunswick*; **Sarah Balcom**, *University of New Brunswick*; **Sarah McRae**, *University of New Brunswick*; **Paramdeep Singh**, *New Brunswick Institute for Research, Data and Training*.
- Internal Migration, Contraceptive Use and Fertility in Indonesia • **Rina Herartri**, *National Population And Family Planning Board*; **Mugia Bayu Raharja**, *National Population and Family Planning Board*; **Wisnu Fadila**, *National Population and Family Planning Board*.
- Poland's Turn from a Sending to a Receiving Migration Regime: The Impact on Population Ageing • **Anna Janicka**, *University of Warsaw*; **Agnieszka Fihel**, *University of Warsaw / University Paris Nanterre*; **Marek Okolski**, *University of Warsaw*.
- Does Language Status Matter for Fertility Behavior in a Multilingual Society? : The Case of Uganda • **Seung Wan Kim**, *University of Maryland*.
- La capture du dividende démographique en république du Congo : apport de la planification familiale • **Jovial Koua oba**, *Ministère Du Plan*.
- How does the presence of children moderate the differentiated economic participation of immigrants and natives in Quebec? • **Solène Lardoux**, *Université de Montréal*; **Vissého Adjiwanou**, *Université Du Québec à Montréal*.
- Age at First Migration and Its Relation to Educational Attainment in Indonesia • **Meirina Ayumi Malamassam**, *Australian National University*.
- Class (im)mobility and occupational careers in Mexico • **Fiorella Mancini**, *INSTITUTO DE INVESTIGACIONES SOCIALES- UNAM*.
- Educational attainment and return migration in Brazil: Positive effects on human capital • **Tiago Nascimento**, *University of Vienna*.

Filières d'études et salaires des diplômés de l'enseignement supérieur au Cameroun • **Claudia Nono Djomgang**, *Institut de Formation et de Recherche Démographiques (IFORD)*; **Benjamin Fomba Kamga**, *Université de Yaoundé II*.

Population pyramids by skills-adjusted education: estimates for 45 countries • **Claudia Reiter**, *University of Vienna*.

The vulnerability of young entrants in the labour market: difficulty obtaining jobs in northern Italy in the last decade. • **Ilaria Rocco**, *Sapienza Università di Roma*.

Migrant selectivity and its influence on reunification times: Venezuelan evidence from Colombian census 2018. • **J. Sebastian Ruiz-Santacruz**, *National Institute of Statistics Colombia*; **Elizabeth Castellanos**, *Facultad de Ciencias Sociales y Humanas. Universidad Externado de Colombia.*; **Cesar Cristancho Fajardo**, *Facultad de Ciencias Sociales y Humanas. Universidad Externado de Colombia.*.

## Poster Session 2811

Impact of COVID-19 on Employment during the First Year of the Pandemic in Indonesia • **Aris Ananta**, *Universitas Indonesia*; **Evi N. Arifin**, *Universiti Brunei Darussalam*.

Return Migration and Occupational Mobility: The Study of Return Migrants in Rural West Bengal, India • **Pranamita Banerjee**, *Jawaharlal Nehru University*.

A Symbiotic Relationship Between Indigenous People & Natural Forest of Ajodhya Foothills, Purulia, West Bengal • **SOURAV BISWAS**, *International Institute for Population Sciences (IIPS)*.

EXPOSURE TO BIOMASS FUEL SMOKE AND RISK OF CHILD MORBIDITY: AN ANALYSIS ON SOUTH AND SOUTHEAST ASIAN COUNTRIES • **Labhita Das**, *International Institute for Population Sciences (IIPS)*.

COVID-19 AND MIGRATION---- A STUDY IN STATE ODISHA • **Sunandita Das**, *International*; **Piyasa Mal**, *Student*.

Income and Economic deprivation of Scheduled Caste and Scheduled Tribe Population in rural India: Evidence from Socio-Economic and Caste Census-2011 • **Savita Devi**, *Dr Rammanohar Lohia Awadh University, Ayodhya*; **Bal Govind Chauhan**, *International Institute for Population Sciences (IIPS)*; **Dheeraj Kumar Ojha**, *Government of India*.

Impact of COVID 19 on international contract labour migration in Sri Lanka • **Sunethra Perera Ellawala Liyanage**, *University of Colombo*.

Influence of neighborhood environments on overweight/obesity in Chinese older adults: A three-level longitudinal analysis • **Tingshuai Ge**, *Institute for Population and Development Studies, Xi'an Jiaotong University*; **Quanbao Jiang**, *Institute for Population and development Studies, Xi'an Jiaotong University*.

Disability and Work: Evidences from NSS 76th round Data • **Jagriti Gupta**, *International Institute for Population Sciences (IIPS)*; **Dipti Govil**, *International Institute for Population Sciences (IIPS)*.

Changing urban ecology and transformation of an Indian city: Kolkata from 1971-2011 • **Devarupa Gupta**, *International Institute for Population Sciences (IIPS)*.

Gender Differences in Climate Change Perception and its Impacts in the Ladakh Region of the Western Himalayas • **Kacho Khan**, *International Institute for Population Sciences (IIPS)*; **Aparajita Chattopadhyay**, *International Institute for Population Sciences (IIPS)*.

A historical exploration of the changing notion of urban from 1872-2001 population censuses in Bangladesh • **Md. Mehedi Hasan Khan**, *Department of Population Sciences, University of Dhaka*.



- Depopulation, super aging, and extreme heat events in South Korea • **Oh Seok Kim**, *Korea University*; **Jihyun Han**, *Seoul Institute of Technology*; **Kee Whan Kim**, *Korea University*; **Stephen A. Matthews**, *Penn State*; **Changsub Shim**, *Korea Environment Institute*.
- Feelings of loneliness and applications of digital technology in Singapore during the COVID-19 pandemic • **Pei-Chun Ko**, *Singapore University of Social Sciences*.
- Reducing the impact of a disaster on rural livelihood: Evidence from an ICT lead development intervention during Cyclone Amphan in Eastern India • **Kotta**.
- Urban Family Migration and Economic Livelihoods of Migrants in Sri Lanka • **Deerasinha Pathirana**, *University of Sri Jayewardenepura*.
- Perception de la population des causes de la vulnérabilité face à l'inondation dans une ville africaine : le cas de Bujumbura • **Jean Nsabimana**, *Université de Namur*; **Sabine J. F. Henry**, *University of Namur*; **Aloys Ndayisenga**, *Université du Burundi*; **Caroline Michellier**, *Musée Royal de l'Afrique Centrale*.
- Mortality Patterns of the Working Age-group in a Cosmopolitan City Slum in Nigeria • **Olubusayo Ogunsemoyin**, *University of Ibadan*; **Funke A. Fayehun**, *Department of Sociology, University of Ibadan*.
- Profiles of migrants into Hyderabad Urban agglomeration • **Sandhya Srigiriraju**, *University Of Hyderabad*.
- Alcohol and Tobacco: Use and Co-use in the North Eastern Region of India. • **Manali Swargiary**, *international Institute for Population Sciences*.
- Fertility and socio-economic structure: Australia's capital cities • **Tita Tabije**, *Australian National University*.
- Alcoolisation ponctuelle importante des parents et accumulation du capital humain des enfants au Cameroun • **Francklin TEDONGMO NZOYEM**, *Université de Maroua*; **MONDJELI MWA NDJOKOU**, *Université de Yaoundé II*; **Yves André ABESSOLO**, *Université de Maroua*.
- Demographic Dividend in India from the Perspective of Employment Opportunities for the Young Adults • **Sayeed Unisa**, *international Institute for Population Sciences*; **Tejal Lakhan**, *International Institute for Population Sciences (IIPS)*; **Shivani Gharage**, *International Institute for Population Sciences (IIPS)*; **Tariq Anwar**, *International Institute for Population Sciences*; **Shreyans Rai**, *IIPS*.
- A Journey of Disability in India: An Investigation by Definitional Difference • **Ajit Yadav**, *GIZ*.

## Poster Session 2812

- Demographic Engineering: Evidence from India • **Ankush Agrawal**, *Indian Institute of Technology Delhi*; **Vikas Kumar**, *Azim Premji University*.
- A test of third-party reporting to improve the measurement of COVID-related risk behaviors in Malawi • **Jethro Banda**, *Malawi Epidemiology Intervention Research Unit*; **Stephane Helleringer**, *Johns Hopkins University*.
- Lee-Carter cohort mortality forecasts • **Ugofilippo Basellini**, *Max Planck Institute for demographic Research*; **Carlo Giovanni G. Camarda**, *Institut National d'Études Démographiques (INED)*.
- INTÉRÊT DES COORDONNÉES GÉOGRAPHIQUES DANS LE TRAITEMENT DES DONNÉES DE RECENSEMENT A L'ÈRE DU NUMÉRIQUE : CAS DU 5e RGPH DU BURKINA FASO • **Hervé Bassinga**, *Institut Supérieur des Sciences de la Population (ISSP) / Université de Ouagadougou*; **Parfait Yira**, *INSD Burkina*; **Hamado Tondé**, *INSD Burkina*; **Abdou Nombéré**, *INSD Burkina*; **Noufou Sawadogo**, *INSD Burkina*.

Examining Determinants of IUD Use in India: An Exploratory Analysis of the National Family Health Surveys (NFHS-4) using Machine Learning • **Nandita Bhan**, *Center on Gender Equity and Health, UC San Diego*; **Nabamallika Dehingia**, *Center on Gender Equity and Health, UC San Diego*; **Swetha Sridhar**, *Center on Gender Equity and Health, UC San Diego*; **Edwin Thomas**, *Center on Gender Equity and Health, UC San Diego*; **Lotus McDougal**, *University of California, San Diego*; **Sarah Averbach**, *Center on Gender Equity and Health, UC San Diego*; **Abhishek Singh**, *International Institute for Population Sciences (IIPS)*; **Anita Raj**, *University of California, San Diego*.

The Demography of COVID-19 Deaths. A gateway to well-documented international data • **Arianna Caporali**, *Institut National d'Études Démographiques (INED)*; **Etienne Couppié**, *Institut national d'études démographiques (INED)*; **Jenny Garcia**, *Institut National d'Études Démographiques (INED)*; **Iris Hourani**, *Institut national d'études démographiques INED*; **Svitlana Poniakina**, *Institut National d'Études Démographiques (INED)*; **Magali Barbieri**, *Institut National d'Études Démographiques (INED)*; **Florian Bonnet**, *Institut National d'Études Démographiques (INED)*; **Carlo Giovanni G. Camarda**, *Institut National d'Études Démographiques (INED)*; **Emmanuelle Cambois**, *Institut National d'Études Démographiques (INED)*; **Daria Korotkova**, *Ptoukha Institute for Demography and Social Studies of the National Academy of Sciences of Ukraine*; **France Meslé**, *Institut National d'Études Démographiques (INED)*; **Olga Penina**, *Nicolae Testemitanu State University Of Medicine And Pharmacy Of The Republic Of Moldova*; **Jean-Marie Robine**, *Institut National de la Santé et de la Recherche Médicale (INSERM)*; **Markus Sauerberg**, *Vienna Institute of Demography*; **Catalina Torres**, *Muséum National D'histoire Naturelle*.

Bayesian Poisson Regression for Reconstructing Fertility Rates • **Afua Durowaa-Boateng**, *Vienna Institute of Demography*; **Dilek Yildiz**, *Wittgenstein Centre for Demography and Global Human Capital*.

Estimating the Social Visibility of Abortions in Ethiopia and Uganda Using the Game of Contacts • **Margaret Giorgio**, *Guttmacher Institute*; **Solomon Shiferaw**, *Addis Ababa University*; **Assefa Seme**, *Addis Ababa University*; **Frederick Makumbi**, *Makerere University*; **Simon P. S. Kibira**, *Makerere University*; **Sarah Nabukeera**, *Makarere University*; **Elizabeth A. Sully**, *Guttmacher Institute*.

L'impact des erreurs de déclaration et de codage sur l'étude des couples de même sexe en France : illustration au travers de l'enquête EPIC. • **Mailys Goetschy**, *Université Marc Bloch, Strasbourg*; **Philippe Cordazzo**, *Université de Strasbourg*.

Methodological advances to explore the relations between environmental changes, emotions and the decision (not to) move. • **Elisabeth Henriët**, *Facultés Universitaires Notre-dame de La Paix*; **Florence De Longueville**, *Facultés Universitaires Notre-Dame de la Paix, Belgium*; **Sabine J. F. Henry**, *University of Namur*.

Estimation of inequality and polarization measures of ordinal variables under complex sampling • **Guilherme Jacob**, *Escola Nacional de Ciências Estatísticas (ENCE)*; **Pedro Luis do Nascimento Silva**, *Escola Nacional de Ciências Estatísticas (ENCE)*; **Iuri da Costa Leite**, *Escola Nacional de Saúde Pública*.

Maternal mortality in Africa : should we redefine the method of measurement? • **Takougang Nago Kevie Mystel**, *Institut de Formation et de Recherche Démographiques (IFORD)*.

Exploratory Spatial Data Analysis (ESDA) of Maternal and Child Healthcare services in India from 1992-93 to 2015-16. • **Gulshan Kumar**, *International Institute for Population Sciences (IIPS)*; **Reshmi R.S.**, *International Institute for Population Sciences*.

Accessing and evaluating quality of age-sex data of Botswana 2001 and 2011 Population and Housing Census. • **Ofentse Lekgatho**, *N/A*.

A Structured-additive modeling of Diabetes and Hypertension in Northeast India • **Strong P Marbaniang**, *International Institute for Population Sciences (IIPS)*; **Holendro Singh**, *BBC World Service Trust*; **H Lhungdim**, *International Institute for Population Sciences*.

Population registers- a necessary development in the 21st Century and in the COVID-19 era • **Gloria Mathenge**, *Pacific Community*.

The effect of sample attrition on cross-sectional estimates of health in SHARE and SILC surveys • **Magdalena Muszynska-Spielauer**, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)*; **Martin Spielauer**, *Austrian Institute of Economic Research (WIFO)*.

Using data science and machine learning techniques to understand behavioural responses to COVID-19 in Kenya • **Francis Obare**, *Population Council*; **Louis Graham**, *Busara Center for Behavioral Economics*; **George Odwe**, *Population Council*; **Mathilde Schilling**, *Busara Center for Behavioral Economics*; **Daniel Mwanga**, *Population Council*; **Jaspreet Singh**, *Busara Center for Behavioral Economics*; **Eva Muluve**, *Population Council*.

Spatialité et temporalité de l'épidémie de la Covid-19 au Sénégal. Le processus de production des données sanitaires au regard des discontinuités territoriales • **Véronique Petit**, *Université de Paris*; **Nelly Robin**, *IRD*.

Access to digital education and learning in the times of COVID-19: a latent class analysis • **Santanu Pramanik**, *National Council of Applied Economic Research, India*; **Reem Ashraf**, *National Council of Applied Economic Research*; **Bijay Chouhan**, *National Council of Applied Economic Research*; **Sonalde B. Desai**, *India Human Development Survey*.

Population and politics: the case study of 'life history theory' • **Rebecca Sear**, *London School of Hygiene and Tropical Medicine (LSHTM)*.

Contextualizing gender and regional differences in quality of age reporting in India: Application of post data collection quality indicators • **Mohammed Illias Sheikh**, *International Institute for Population Sciences (IIPS)*; **Babul Hossain**, *International Institute for Population Sciences (IIPS)*.

"Our future is unknown": fears and uncertainties in areas with a potential risk of dam failure • **andrea simao**, *Federal University of Minas Gerais*; **Vanessa Soares**, *Universidade Federal de Minas Gerais (UFMG)*; **Alisson F. Barbieri**, *Universidade Federal de Minas Gerais (UFMG)*; **Gilvan R. Guedes**, *Universidade Federal de Minas Gerais (UFMG)*.

The impact of international immigrants on local variation in life expectancy and lifespan inequality across Sweden, 2013-17. • **Matthew Wallace**, *Stockholm University*.

The Effects of Social Media Penetration on Fertility in sub-Saharan Africa • **Jet Wildeman**, *Radboud University Nijmegen*; **Sandor Schrijner**, *Radboud University Nijmegen*; **Jeroen Smits**, *Radboud Universiteit Nijmegen*.

## Poster Session 2813

Small area estimation of multidimensional poverty: The case of Cambodia • **Karina Acosta**, *Cornell University*.

Prioritizing the urban in provision in spite of higher utilization in the rural: the paradox of maternal healthcare services in Sub-Saharan Africa • **Yemi Adewoyin**, *University of Nigeria, Nsukka (UNN)*; **Nkem Adeyemi-Adewoyin**, *University of Ibadan, Ibadan*; **Clifford O. Odimegwu**, *University of the Witwatersrand*.

Incidence of climate change on the poverty conditions of the afro-ecuadorian population of the Chota Valley, during the period 2014-2017 • **César Amores**, *Universidad Central Del Ecuador*.

Intergenerational Co-residency in the United Kingdom: Differentials by Race/Ethnicity and Nativity • **Zohra Ansari-Thomas**, *University of Pennsylvania*.

- Fertility and grandparents in Mexico's demographic transitions • **Roxana Ivette Arana Ovalle**, *Université de Montréal*; **Lisa Dillon**, *Université de Montréal*; **Francisco Zamudio**, *Universidad Autónoma Chapingo*; **Alejandro Murua**, *Université de Montréal*.
- Basic education in Brazil: differentials by gender and color/race - 1987/2015 • **Kaizo Beltrao**, *Brazilian School of Public and Business Administration (EBAPE/FGV)*; **Moema Teixeira**, *Cesgranrio*; **Sonoe Sugahara**, *ENCE/IBGE*.
- Intégrer les méthodes spatiales et statistiques dans la recherche démographique : Contribution de l'analyse spatiale pour l'analyse de la morbidité des enfants à Ouagadougou (Burkina Faso) • **Franklin Bouba Djourdebbé**, *Institut de Formation et de Recherche Démographiques (IFORD)*.
- Exploring the seasonality of mortality in Amsterdam, 1856-1926 • **Katalin Buzasi**, *Leiden University Medical Centre*.
- The origins of the concept of population in Europe (from Plato to Malthus) • **Yves CHARBIT**, *Université de Paris*.
- Birth preparedness practice: Profiling determining factors for male involvement in Southern Nigeria. • **Samuel Dada**, *BABCOCK UNIVERSITY*; **Oluseyi Okunola**, *University College Hospital, Ibadan*; **Oyedunni S. Arulogun**, *University of Ibadan*.
- The 1866 cholera epidemic in the city of Brussel: a reconstruction • **Isabelle Devos**, *Ghent University*.
- Evidence of social influence driving Israeli fertility trends • **Rachel Gould**, *Tel Aviv University*.
- Type de réseau familial et soutien pour la scolarisation des enfants à Ouagadougou • **Théodore Kabore**, *Institut Supérieur des Sciences de la Population (ISSP)*; **Moussa Bougma**, *Université de Montréal*.
- International labor migration and economic development: Evidence from Bangladesh • **Mahreen Khan**, *Massachusetts Institute of Technology*.
- Réduction des inégalités socio-spatiales dans la répartition des investissements éducatifs entre les collectivités locales au Cameroun • **Pierre Jean-Daniel Loty**, *Ministère de l'Economie de la Planification et de l'Aménagement du Territoire (MINEPAT)*; **ESSIBEN Jean Pierre ASSAKO**, *Ministère de l'Economie, de la Planification et de l'Aménagement du Territoire*.
- Identifying socioeconomic and demographic heterogeneities in displaced populations from urban risk areas: a study case for Belo Horizonte, Brazil • **Richard Moreira**, *Universidade Federal de Minas Gerais (UFMG)*; **Alisson F. Barbieri**, *Universidade Federal de Minas Gerais (UFMG)*.
- SPATIAL CORRELATIONS IN FAMILY AND NUTRITIONAL HEALTH STATUS OF CHILDREN IN SOUTH AFRICA • **Sindiso Ndlovu**, *University of Witwatersrand*; **Clifford O. Odimegwu**, *University of the Witwatersrand*.
- Regional mortality disparities and causes of death in the Republic of Moldova • **Olga Penina**, *Nicolae Testemitanu State University Of Medicine And Pharmacy Of The Republic Of Moldova*.
- Harnessing service statistics to monitor trends in contraceptive uptake: Methodology and application to a large-scale family planning program • **J.M. Ian Salas**, *Johns Hopkins Bloomberg School of Public Health*; **Jessica Mirano**, *Johns Hopkins Bloomberg School of Public Health*.
- Population growth in pre-industrial England, 1580–1837: Malthusian or anti-Malthusian? • **J. Jona Schellekens**, *Hebrew University of Jerusalem*.
- What drives longevity advantage of capital cities in Eastern Europe: contemporary conditions or the legacy of the communist past? • **Aleksey Shchur**, *National Research University Higher School of Economics*; **Sergey Timonin**, *National Research University Higher School of Economics*; **Pavel Grigoriev**, *Federal Institute for Population Research (BiB)*.
- Does urban land expansion affect the village's development? A geospatial study of 615 peri-urban villages of Gujarat, India • **Ankit Sikarwar**, *International Institute for Population Sciences*



(IIPS); **Aparajita Chattopadhyay**, *International Institute for Population Sciences (IIPS)*; **Ritu Rani**, *International Institute for Population Sciences (IIPS)*.

The effect of framing and communicating COVID-19 vaccine side-effect risks on vaccine intentions: a randomized controlled trial • **Nikkil Sudharsanan**, *Heidelberg University*; **Caterina Favaretti**, *University of Heidelberg*; **Violetta Hachaturyan**, *Heidelberg University*; **Till Bärnighausen**, *University of Heidelberg*; **Alain Vandormael**, *Heidelberg University*.

Building Back Better after COVID-19: a Systematic Scoping Review of Wicked Problems Affecting Developed Countries and Implications for Global Governance • **Robin van Kessel**, *Maastricht University*; **Brian Li Han Wong**, *University College London*.

## Poster Session 2814

Do cohabiters work and earn like married or single individuals? • **Alicia Adsera**, *Princeton University*; **Federica Querin**, *European University Institute*.

Missing children: A demographic analysis of child disappearances in Guatemala • **Diego Alburez-Gutierrez**, **Carolina Vieira**, *Max Planck Institute for Demographic Research (MPIDR)*; **Tom Theile**, *Max Planck Institute for Demographic Research*; **Marília Nepomuceno**, *Max Planck Institute for Demographic Research (MPIDR)*.

The Association between Ill-treatment, Disease Risk and Sleep Problem among Older Adults in India: Evidence from the Longitudinal Ageing Study in India • **Adrita Banerjee**, *International Institute for Population Sciences (IIPS)*; **AJEET SINGH**; **Snigdha Banerjee**, *International Institute for Population Sciences (IIPS)*; **Ajay Verma**, *Banaras Hindu University (BHU)*.

Our dear children: gender division of market and household work in the low-fertility environment in Poland • **Agnieszka Chlon-Dominczak**, *Warsaw School of Economics*; **Marta Marszalek**, *Institute of Statistics and Demography, Warsaw School of Economics*; **Wojciech Latkowski**, *Warsaw School of Economics*.

The contribution of causes of death to the educational differentials in mortality in Brazil • **Rafaella de Oliveira Carnevali**, *Universidade Federal de Minas Gerais (UFMG)*; **Cassio M. Turra**, *Demography Department, Cedeplar, UFMG*; **Mirian Ribeiro**, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR) / Universidade Federal de Minas Gerais*.

Application of Multiple Cause of Death Information to Eliminate Garbage Codes • **Agnieszka Fihel**, *University of Warsaw / University Paris Nanterre*; **Magdalena Muszynska-Spielauer**, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)*.

Religious Affiliation, Religiosity and Intimate Partner Violence in Latin America. • **Rafael Galindo Leguizamón**, *Universidad de La Sabana*; **Andrea Arias Pacheco**, *Universidad de La Sabana*; **Michelle Calvete Labouz**, *Universidad de La Sabana*; **Martha Morales Mora**, *Universidad de La Sabana*; **Miguel Gaona Cardona**, *Universidad de La Sabana*; **Luis Eduardo Gutiérrez Martínez**, *Universidad de La Sabana*; **Andrés Salazar**, *Universidad de La Sabana*.

Home alone: Exploring childcare options to move beyond the single child problem in Belarus • **Kamila Ishchanova**, *Charles University In Prague*.

Climate change and epidemiological transitions: Evidence from Antananarivo, Madagascar • **Jordan Klein**, *Princeton University*; **Jessica Metcalf**, *Princeton University*.

Is there perinatal health consequences to the closure of maternities in France? Evidence from administrative database • **Ambroise Léa**, *Institut National d'Études Démographiques (INED)*.

How to Achieve Complex Population-Environment UN Sustainable Development Goals? A Conceptual Approach Towards Improving Monitoring of Living Conditions for Populations Affected by Desertification, Land Degradation, and Drought • **David Lopez-Carr**, *University Of*

California, Santa Barbara, Department Of Geogrpahy; **NARCISA PRICOPE**, University of North Carolina Wilmington; **Kevin Mwenda**, Brown University; **Susanne Sokolow**, UCSB; **Gabriel Daldegan**, Conservation International; **Alexander I. Zvoleff**, Conservation International.

Avoidable mortality in German-speaking countries: Regional disparities in amenable and preventable causes of death in Austria, Germany and Switzerland, 1995-2018 • **Michael Muehlichen**, Federal Institute for Population Research (BiB); **Markus Sauerberg**, Vienna Institute of Demography; **Mathias Lerch**, Ecole Polytechnique Fédérale De Lausanne (epfl-eth).

Mortality Impacts of COVID-19: Evidence from Croatia • **Dario Mustac**, Faculty of Business & Economics, University of Zagreb; **Petra Medimurec**, University of Zagreb; **Ivan Cipin**, University Of Zagreb, Department Of Demography.

Inequalities in mortality associated with housing conditions in Belgium between 1991 and 2015 • **Martina Otavova**, Universite catholique de Louvain (UCL); **Christel Faes**, Hasselt University - Interuniversity Institute for Biostatistics and statistical Bioinformatics; **Brecht Devleesschauwer**, Department of Epidemiology and Public Health, Sciensano, Brussels, Belgium; **Bruno Masquelier**, Louvain University (UCL).

Livelihood and childcare changes in a transitional foraging population • **Abigail Page**, London School of Hygiene and Tropical Medicine (LSHTM); **Anushé Hassan**, London School of Hygiene and Tropical Medicine (LSHTM); **Mark Dyble**, UCL; **Daniel Smith**, University of Bristol; **Sylvain Viguier**, Graphcore; **Andrea Migliano**, University of Zurich.

Roads to Better Health: Linkages between Infrastructure and Child Health Outcomes in India • **Pallavi Panda**, State University of New York, Geneseo (SUNY).

The increasing role of spatial economic inequalities to explain suicide in France from 1979 to 2016 • **Elsa Perdrix**, Max Planck Institute for Social Law and Social Policy; **Florian Bonnet**, Institut National d'Études Démographiques (INED).

The Associations Between Flexitime and Teleworking and Life Satisfaction Among Parents • **Aneesa Qadri**, University of Oxford.

Does Urban Decline lead to Urban Shrinkage in India? • **Nawaj Sarif**, International Institute for Population Sciences (IIPS); **Archana K. Roy**, International Institute for Population Science.

“Your Place, My Place or yet Another?” Assortative Mating and the Place of a Couple’s First Joint Household • **Christine Schnor**, UCLouvain; **Clara H. Mulder**, University of Groningen.

Effect of BCG and vaccinia vaccine discontinuation on survival into adulthood: Population-based evidence from 39 Swedish birth cohorts • **Michaela Theilmann**, Heidelberg Institute of Global Health, Medical Faculty and University Hospital, Heidelberg, Germany; **Pascal Geldsetzer**, Harvard University; **Till Bärnighausen**, University of Heidelberg; **Nikkil Sudharsanan**, Heidelberg University.

Slowing union formation and rapid household formation in South Africa • **Amy Thornton**, University of Cape Town; **Martin Wittenberg**, University of Cape Town.

Power of the purse: Gender, land ownership, and well-being of older Indians • **Xu Yan**, University of Maryland; **Sonalde B. Desai**, India Human Development Survey; **Debasis Barik**, National Council for Applied Economic Research.

Evidence of adult age mortality by educational attainment in India • **Dilek Yildiz**, Wittgenstein Centre for Demography and Global Human Capital; **Moradhvaj Dhakad**, Austrian Academy of Science; **Samir KC**, IIASA.

## Poster Session 2815

Risk of developing NCDs in later life among the overweight and obese women in India: Insights from a nationally representative longitudinal study • **Debasis Barik**, *National Council for Applied Economic Research*; **Sonalde B. Desai**, *India Human Development Survey*.

Trends and correlates of caesarean section births in Jammu and Kashmir • **Bashir A. Bhat**, *University of Kashmir*.

Love, Remarriage, and Loneliness among Older Men and Women in the Philippines • **Maria Karlene Shawn Cabaraban**, *University of the Philippines Population Institute*; **Grace Cruz**, *University of the Philippines Population Institute*; **Christian Joy P. Cruz**, *University of the Philippines*; **Mark Ryan Paguirigan**, *University of the Philippines Population Institute*; **Yasuhiko Saito**, *Nihon University*.

Does Social Capital explain Neighbourhood Heterogeneity in Health Outcomes among Older Adults in India? • **Jyoti Chaudhary**, *Indian Institute of Technology Roorkee*; **S.P. Singh**, *Indian Institute of Technology Roorkee*.

Age gap between spouses in South and Southeast Asia • **Premchand Dommaraju**, *Nanyang Technological University*.

Targeting the bottom for better planning: District level mortality and fertility estimates for India from National Family & Health Survey-4 (2015-16). • **Laxmi Kant Dwivedi**, *International Institute for Population Sciences (IIPS)*; **Srei Chanda**, *International Institute for Population Sciences (IIPS)*.

A gap in public health facilities and association of post-natal care at the villages of two highest fertility states of India • **Laxmi Kant Dwivedi**, *International Institute for Population Sciences (IIPS)*; **Anjani Mishra**, *IIPS*; **Srei Chanda**, *International Institute for Population Sciences (IIPS)*; **Sourav Dey**, *International Institute for Population Sciences (IIPS)*; **Sayeed Unisa**, *international Institute for Population Sciences*.

Community Based Organisation in the field of Aging in India: Contribution and Challenges • **Dipti Govil**, *International Institute for Population Sciences (IIPS)*; **Harihar Sahoo**, *international Institute for Population Sciences*; **K.S. James**, *International Institute for Population Sciences*; **Sripriya Sivaraju**, *International Institute for Population Sciences*.

Residential Segregation in cities of South India: Patterns and Correlates • **Neeha Jacob**, *Centre for Development Studies*.

Geographical fertility variation in Ethiopia • **Myunggu Jung**, *London School of Hygiene and Tropical Medicine (LSHTM)*; **Christopher I Jarvis**, *London School of Hygiene & Tropical Medicine*; **Ian M. Timaeus**, *LSHTM*; **Kazuyo Machiyama**, *London School of Hygiene & Tropical Medicine*.

Performance barriers of Civil Registration System in Bihar: a qualitative analysis • **Krishna Kumar**, *Jawaharlal Nehru University*; **Nandita Saikia**, *Jawaharlal Nehru University*; **Nadia Diamond-Smith**, *University of California, San Francisco*.

Public Health Care Utilization by Elderly in India: An Analysis of Major Determinants • **Sanjay Kumar**, *United Nations Population Fund (UNFPA)*; **K. S. James**, *International Institute for Population Sciences*.

Accumulated reproductive life histories and grip strength in Indonesia: 1993-2014 • **Tiziana Leone**, *LSE*; **Heini E. Vaisanen**, *University of Southampton*; **Firman Witoelar**, *SurveyMETER*.

IMPACT OF COVID-19 INFECTION ON LONGEVITY, PREMATURE MORTALITY AND DISABILITY AND ADJUSTED LIFE EXPECTANCY: NATIONAL AND STATE PATTERN • **Sanjay K Mohanty**, *International Institute for Population Sciences (IIPS)*; **Guru Vasishtha**, *International Institute for Population Sciences (IIPS)*; **Umakanta Sahoo**, *International Institute for Population Sciences (IIPS)*; **Rajesh Chauhan**, *Directorate Of Economics & Statistics, The Planning Department, Government Of Uttar Pradesh*.

- Inequalities in healthy lifespans and the effect of variation in health decrease and survival • **Magdalena Muszynska-Spielauer**, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)*; **Martin Spielauer**, *Austrian Institute of Economic Research (WIFO)*.
- Mosquito net use and malaria among children 6-59 months in DRC • **Christian Ngomenzey**, *National Institute of Statistics of DRC*; **Franklin Bouba Djourdebbé**, *Institut de Formation et de Recherche Démographiques (IFORD)*; **Emmanuel Ekambi**, *Union for African Population Studies*.
- Levels and Patterns of Sarcopenia among Older Filipinos • **Mark Ryan Paguirigan**, *University of the Philippines Population Institute*; **Grace Cruz**, *University of the Philippines Population Institute*; **Maria Karlene Shawn Cabaraban**, *University of the Philippines Population Institute*; **Christian Joy P. Cruz**, *University of the Philippines*; **Miguel Ramos**, *St. Luke's Geriatric Center*; **Yasuhiko Saito**, *Nihon University*.
- Risk of Impoverishment and Health System in India • **Ekta Pandey**, *Department of Humanities and Social Sciences - Indian Institute of Technology Delhi*; **Massimo Mucciardi**, *University of Messina (Italy)*; **Mary Ellen Toffle**, *Università di Messina*.
- Language Mismatches among Respondents, Questionnaire, and Interview in National Family Health Survey, 2015-16 • **Md Juel Rana**, *International Institute for Population Sciences (IIPS)*.
- Nature and Determinants of Urbanization in India: What Does the Census Data Reveal? • **Raju Sarkar**, *Institute for Social and Economic Change (ISEC)*.
- Social Security Schemes for Elderly in India: Awareness, Utilization and Barriers • **T.V. Sekher**, *IIPS*.
- Assessing the impact of weaving on musculoskeletal disorders among Handloom and Powerloom weavers in Varanasi, India: a cross-sectional study • **Laeek Siddiqui**, *International Institute for Population Sciences (IIPS)*; **Adrita Banerjee**, *International Institute for Population Sciences (IIPS)*.
- Castes and demographics of India: A thorough understanding of fertility and child mortality with 4 rounds of National Family Health Survey • **Dharmendra Singh**, *Tata Institute of Social Sciences (TISS)*; **Srei Chanda**, *International Institute for Population Sciences (IIPS)*; **Priyanka Dixit**, *International Institute for Population Sciences (IIPS)*; **Somnath Jana**, *international institute for population sciences*; **Laxmi Kant Dwivedi**, *International Institute for Population Sciences (IIPS)*.
- District level correlates of COVID-19 pandemic in India during March-October 2020 • **Vandana Tamrakar**, *Jawaharlal Nehru University*; **Ankita Srivastava**, *Jawaharlal Nehru University*; **Mukesh Parmar**, *Jawaharlal Nehru University*; **Sudheer Kumar Shukla**, *Jawaharlal Nehru University*; **Shewli Shabnam**, *Department of Higher Education, Govt. of West Bengal*; **Bandita Boro**, *Jawaharlal Nehru University*; **Apala Saha**, *Centre for the Study of Regional Development, Jawaharlal Nehru University, New Delhi*; **Benjamin Debbabrma**, *Jawaharlal Nehru University*; **Nandita Saikia**, *Jawaharlal Nehru University*.
- Socioeconomic differentials in life expectancy at birth in India: An Evidence from NFHS Survey 2015-16 • **Nilesh Yadav**, *International Institute for Population Sciences (IIPS)*; **Pawan Kumar Yadav**, *International Institute for Population Sciences (IIPS)*; **Ajinkya Kothavale**, *International Institute for Population Sciences*; **Aniket Bhushan**, *IIPS*; **Sunil Yadav**, *IIPS*; **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*.

## Poster Session 2816

- Does Credit improve Nutritional Intake and Food Security in India? • **Aditi Aditi**, *International Institute for Population Sciences (IIPS)*; **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*.



- Socio-Demographic Determinants of Non-Communicable Diseases in Assam, India • **Aakanksha Agarwala**, Gauhati University; **Dr Manab Deka**, ARYA VIDYAPEETH COLLEGE, GAUHATI UNIVERSITY.
- Elderly Migration in India: Pattern, Characteristics and their Reasons for Migration • **VASIM AHAMAD**, International Institute for Population Sciences (IIPS).
- How does the households' vulnerability to climate-induced disasters influence women's fertility outcomes and fertility intentions in Bangladesh? • **Khandaker Ahmed**, The University Of Adelaide, Australia; **Yan Tan**, the University of Adelaide; **Dianne Rudd**, The University of Adelaide.
- Socio-Economic Reintegration of the Gulf Returnees in Villages of the Murshidabad District, India. • **Snigdha Banerjee**, International Institute for Population Sciences (IIPS).
- Determinants of rural-urban differential in prevalence of undiagnosed and untreated hypertension among the older population (aged 45 years and above) in India • **Shreya Banerjee**, Jawaharlal Nehru University.
- Influence of role in intra-household decision making on the uptake of gynaecological cancer screening practices among women (aged 45 years and above): Evidence from India • **Shreya Banerjee**, Jawaharlal Nehru University.
- Role of government sponsored health insurance schemes in improving healthcare access and reducing household out-of-pocket payment for inpatient care • **Debasis Barik**, National Council for Applied Economic Research; **Santanu Pramanik**, National Council of Applied Economic Research, India; **Sonalde B. Desai**, India Human Development Survey.
- Have state-level inequalities in completeness of death registration in India narrowed during two decades of civil registration system strengthening? • **Jayanta Kumar Basu**, University of Melbourne; **Tim Adair**, University of Melbourne.
- Does change in old-age living arrangements associate with the psychological health and subjective well-being among older adults in India? Evidence from a cross-section study • **Bandita Boro**, Jawaharlal Nehru University; **Shobhit Srivastava**, International Institute for Population Sciences (IIPS).
- The different forms of dower in Egypt • **Christoph Buehler**, Leibniz Universität Hannover.
- Perceived quality and stability: Class-based factors and experiences of employing live-in foreign domestic workers • **Adam Cheung**, Hong Kong Baptist University.
- L'analyse quantitative des biographies: présentation d'une version renouvelée de la fiche Ageven • **Maria Eugenia Cosio Zavala**, El Colegio de Mexico; **Robin Cavagnoud**, Pontificia Universidad Católica del Perú (PUCP); **Julie Baillet**, Université Paris Ouest Nanterre La Défense and El Colegio de la Frontera Norte.
- Trends in educational profiles of male lone parents. Evidence from Belgium (1990-2018) • **Luisa Fadel**, UCLouvain; **Christine Schnor**, UCLouvain; **Diederik Boertien**, Centre d'Etudis Demogràfics (CED).
- Household size and composition as a driver of energy poverty: Evidence from census data in non-OECD countries • **Krešimir Ivanda**, University Of Zagreb, Department Of Demography; **Marin Strmota**, University of Zagreb.
- The Effect of Elimination of Selected Causes of Death on Life Expectancy in India • **Arun Jose**, University of Kerala; **Mohanachandran P. Nair**, University of Kerala.
- Paternity Leave, Family Dynamics, and Children's Behavior • **Nanxun Li**, National University of Singapore; **Wei-Jun Yeung**, National University of Singapore.

Weathering the Storm: The Effects of Working from Home and Income Loss on Spousal and Mother-Child Relationships During COVID-19 • **Jeremy Lim-Soh**, *National University of Singapore*; **Poh Lin Tan**, *National University of Singapore*.

#### GOVERNING DYNAMICS OF JOB-SEARCH BEHAVIOUR AND EFFECT ON

UNEMPLOYMENT - A STUDY IN WEST BENGAL • **Jadab Munda**, *International Institute for Population Sciences (IIPS)*; **Uday Das**, *Visva-Bharati*; **Rahul Mondal**, *International Institute for Population Sciences*.

Workforce elasticity neutralises demographic ageing's impact on the economy • **Jane O'Sullivan**, *School of Agriculture and Food Sciences, The University of Queensland*.

Socio-economic pattern of School-life expectancy over the past decade: Evidence from India • **Anita Pal**, *International Institute for Population Sciences (IIPS)*; **Madhusudan J.V.**, *Central University of Hyderabad*; **Jeetendra Yadav**, *National Institute of Medical Statistics (ICMR)*.

Level and determinants of Malnutrition among Primary school-aged children in India: A National Representative Cross-Sectional Study • **Anita Pal**, *International Institute for Population Sciences (IIPS)*; **Madhusudan J.V.**, *Central University of Hyderabad*; **Jeetendra Yadav**, *National Institute of Medical Statistics (ICMR)*.

Gendered Division of Housework and Childcare, Satisfaction with that Division and One-child Mothers' Fertility Intentions in Spain • **Cristina Suero García**, *Consejo Superior de Investigaciones Científicas (csic)*.

Impact of Migration on Rural Inequalities: Evidence from India • **Chhavi Tiwari**, *Indian Institute of Mana*.

Health Care Utilization and Expenditure Inequities in India: Benefit Incidence Analysis (An Analysis of the National representative survey) • **Jeetendra Yadav**, *National Institute of Medical Statistics (ICMR)*.

### Poster Session 2817

Educational assortative mating, infant and child mortality in Nigeria • **Tolulope Ariyo**, *Xi'an Jiaotong University*; **Quanbao Jiang**, *Institute for Population and development Studies, Xi'an Jiaotong University*.

Work-Family Conflict in the Scandinavian Countries • **Lakshita Bhagat**, *Jawaharlal Nehru University*.

Age heterogeneities in child growth and its associated socio-demographic factors in India, 1992-2016 • **Pravat Bhandari**, *International Institute for Population Sciences (IIPS)*; **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*.

Exploring Geographical Variance of Complete Immunization Coverage in India: A District-level Spatial Modelling Approach • **Monirujjaman Biswas**, *Jawaharlal Nehru University*.

Siblings of children with disabilities in Sub-Saharan Africa: Population estimates and family compositions • **Anna Bolgrien**, *University of Minnesota*.

ENRICH Marital Satisfaction Scale: Factor Structure and Reliability Study in rural population of Uttar Pradesh, India • **Shekhar Chauhan**, *International Institute for Population Sciences (IIPS)*.

Prevalence and associated risk factors for depressive symptoms among the elderly in India: evidence from the longitudinal ageing study in India (LASI) • **Puja Goswami**, *International institute*; **Palak Sharma**, *International Institute for Population Sciences (IIPS)*.

Awareness and utilisation of social welfare schemes among the elderly population in India: analysis of determinants and differentials • **Shristi Guha**, *International Institute for Population Sciences (IIPS)*; **Md Illias K Sheikh**, *International Institute for Population Sciences*.

- Neighbourhood deprivation and healthcare service use for mood and anxiety disorders in a semi-rural population • **Neeru Gupta**, *University of New Brunswick*; **Dan Crouse**, *Health Effects Institute*; **Ismael Foroughi**, *University of New Brunswick*.
- Socio-ecological determinants of under-five mortality in Nigeria: exploring the roles of neighbourhood poverty and use of solid cooking fuel • **Chukwuechefulam Imo**, *Adekunle Ajasin University*.
- Estimating old-age thresholds using quantity and quality of remaining life years: Application to India and selected states • **Sampurna Kundu**, *Jawaharlal Nehru University*; **Preeti Dhillon**, *International Institute for Population Sciences (IIPS)*.
- Family demography and intergenerational mobility in Latin America • **Chia Liu**, *University of St. Andrews*; **Andrés Castro Torres**, *Max Planck Institute for demographic Research*; **Ewa Batyra**, *Max Planck Institute for Demographic Research (MPIDR)*.
- Incidence and intensity of catastrophic health expenditure by household composition: Evidence from Longitudinal Ageing Study in India • **Sanjay K Mohanty**, *International Institute for Population Sciences (IIPS)*; **Umakanta Sahoo**, *International Institute for Population Sciences (IIPS)*; **Rashmi Rashmi**, *International Institute for Population Sciences (IIPS)*.
- The 2010 Haiti Earthquake Impact on Child Undernutrition • **Hilde Orderud**, *European University Institute*.
- Clustering of Neonatal Deaths Among Families and Communities in Bangladesh Demographic and Health Survey 2017-18 • **Ronak Paul**, *International Institute for Population Sciences (IIPS)*; **Rashmi Rashmi**, *International Institute for Population Sciences (IIPS)*; **Shobhit Srivastava**, *International Institute for Population Sciences (IIPS)*.
- Problems and Constraints in Utilizing the Health Services by Elderly: Field Based Evidence from Jharkhand, India. • **Shanu Priya**, *Jawaharlal Nehru University*.
- Social Security and Retirement in Latin America: relation to youth unemployment • **Bernardo L. Queiroz**, *Universidade Federal de Minas Gerais*; **Laeticia R. De Souza**, *Population Studies Center / University of Campinas (NEPO / UNICAMP)*.
- Changing pattern of Pediatric Obesity in India: Association with Commercial Baby Food Consumption • **Shreyans Rai**, *IIPS*; **Sayed Unisa**, *international Institute for Population Sciences*.
- Religiosity, Life Satisfaction, and Cognitive Function among the Elderly in India: A Path Regression Approach • **Nawaz Rasool**, *International Institute for Population Sciences (IIPS)*.
- The impact of adult inter-state out-migration on daily time use of older parents left behind: an exploratory mixed method study in Sundarban delta region, West Bengal, India • **Shinjini Ray**, *International Institute for Population Sciences (IIPS)*; **Pravat Bhandari**, *International Institute for Population Sciences (IIPS)*; **R. Nagarajan**, *International Institute for Population Sciences (IIPS)*.
- Is Women's Ownership of Assets instrumental in reducing Child Stunting in India? • **Akancha Singh**, *International Institute for Population Sciences (IIPS)*.
- Exclusive Breastfeeding in the Indian States- an analysis by different level of Post Neonatal Mortality Rate • **Badal Thool**, *International Institute for Population Sciences (IIPS)*.
- The Timing and Determinants of Retreat from Marriage in Asia between 1970 and 2020 • **Fatemeh Torabi**, *University of Tehran*.
- Prevalence, Correlates and Health-related Implications of Edentulism among Elderly in India: A Cross-Sectional Study • **Selvamani Yesuvadian**, *International Institute for Population Sciences (IIPS)*; **Aravinda Gundupalli**, *University of Aberdeen*.

## Poster Session 2818

Under-five death and uptake of healthcare services for subsequent children: Evidence from seven high mortality countries in Sub-Saharan Africa • **Joshua O. Akinyemi**, *University of Ibadan*; **Sunday Adedini**, *Federal University Oye-Ekiti, Nigeria*; **Olanrewaju Eniade**, *University of Ibadan*.

Exposure to conflict and union formation: the case of Ethiopia • **Liliana Andriano**, *University of Oxford*; **Effrosyni Charitopoulou**, *Collegio Carlo Alberto*.

Spatial Patterns of Childlessness and its Association with Fertility in India: A District Level Analysis • **Adrita Banerjee**, *International Institute for Population Sciences (IIPS)*; **Abhishek Singh**, *International Institute for Population Sciences (IIPS)*.

Life expectancy in intergenerational transfers of money, by different living arrangements among Costa Ricans aged 60 and over. • **Gilbert Brenes-Camacho**, *CCP, Universidad de Costa Rica*.

Mother's Marital Status and Child Non-Residence in sub-Saharan Africa • **Cassandra Cotton**, *Arizona State University*.

Understand the Rural-Urban Patterns of Under-Five Mortality by Mother's Education in India: A Trend Analysis of Four National Family Health Surveys from 1992-92 to 2016-15 • **Moradhvaj Dhakad**, *Austrian Academy of Science*; **Samir KC**, *IIASA*.

The meaning of bridewealth in 21st century Ghana • **Naa Dodua Dodoo**, *University of Ghana*; **Charlotte Ofori**, *Regional Institute for Population Studies (RIPS)*.

Evaluating disparities in cancer rate and patterns in rural and urban areas and assessing the psychosocial health of cancer patients in India • **Barsha Halder**, *International Institute for Population Sciences (IIPS)*.

Monitoring divergences in global health transitions: recent evidence from China and India • **Domantas Jasilionis**, *Max Planck Institute for Demographic Research / Vytautas Magnus University*; **Laszlo Nemeth**, *Max Planck Institute for Demographic Research (MPIDR)*; **Li Yue**, *China Population and Development Research Center*; **Marília R. Nepomuceno**, *Max Planck Institute for Demographic Research*; **Dmitri A. Jdanov**, *Max Planck Institute for Demographic Research*.

Trajectories of Lived Experiences of People Living with Diabetes Mellitus in Africa: An Evidence Mapping of Conceptual Framework • **Desmond Klu**, *Institute of Health Research, University of Health and Allied Sciences, Ghana*; **Robert Alhassan**, *Centre for Health Policy and Implementation, Institute of Health Research, University of Health and Allied Sciences*; **Maxwell Dalaba**, *Centre for Non-Communicable Diseases Research, Institute of Health Research, University of Health and Allied Sciences*; **Phidelia Doegah**, *Centre for Non-Communicable Diseases Research, Institute of Health Research, University of Health and Allied Sciences*; **Seth Owusu-Agyei**, *Centre for Non-Communicable Diseases Research, Institute of Health Research, University of Health and Allied Sciences*.

Associate factors to COVID-19 magnitude in developing countries: Is there an African specificity? • **Jean-François Kobiané**, *Institut Supérieur des Sciences de la Population/Université Joseph Ki-Zerbo*; **Sibi Guissou**, *Doctorant à l'ISSP*.

Evaluation of the impact of HIV-AIDS prevention programmes on the sexual behaviour of adolescents and young people in Côte d'Ivoire. • **Tiassigué KONE**, *ONG Alliance Côte d'Ivoire*.

Causal pathways between religion and depression in the South African population • **Thembelihle Q. Luthuli**, *University of KwaZulu-Natal*.

All they need is love: Union formation among same-sex and different-sex couples in Brazil • **Paula Miranda-Ribeiro**, *CEDEPLAR, Universidade Federal de Minas Gerais*; **Luísa Cardoso Guedes de Souza**, *Universidade Federal de Minas Gerais (UFMG)*.



Gender and social inequalities in disability-free life expectancy among older adults in Italian regions • **Margherita Moretti**, *Sapienza Università di Roma*; **Cosmo Strozza**, *Interdisciplinary Centre on Population Dynamics*.

The interaction effect of child maintenance and family changes on the depressive symptoms of South African men: Insights from a Tobit mixed model • **Marifa Muchemwa**, *University of The Witwatersrand*; **Clifford Odimegwu**, *University of the Witwatersrand*.

Pratique de l'allaitement précoce au Burkina Faso « le premier vaccin du nourrisson » : évolution de la contribution des facteurs explicatifs de 1993 à 2010. • **Ousmane Ouédraogo**, *institut Supérieur des Sciences de La Population De L'université Joseph Ki-zerbo*.

A strategy to improve international migration data collection in India • **Michel Poulain**, *Université catholique de Louvain (UCL)*; **Anne Herm**, *Tallinn University*; **Giambattista Cantisani**, *Freelance Expert*.

Determinants of Multi-morbidity of Infectious Diseases Among Under-five Children of Bangladesh: Role of Community Context • **Rashmi Rashmi**, *International Institute for Population Sciences (IIPS)*; **Ronak Paul**, *International Institute for Population Sciences (IIPS)*.

Measuring child poverty from a children's rights perspective • **Josue Sauri Garcia**, *El Colegio de Mexico*.

Exploring the Effects of the 1918 Spanish Influenza on Old-Age Mortality Risks: A Comparative Analysis combining Age-Period-Cohort Mortality Models and the Human Mortality Database • **Francesco Scalone**, *Università di Bologna*.

Improving income and empowering self-help group members through a goat rearing initiative in Bihar, India • **Shivani Singh**, *Population Coun*; **Supriya Verma**, *Population Council*; **Ankit Nanda**, *Population Council*; **Ruchika Mathur**, *Population Council*; **Surendra Singh**, *Population Council*; **Avishek Hazra**, *Population Council*.

A Capability Approach to Gender Inequality in Reproductive Decision-Making: Case of the Reang Tribe of India • **Anindita Sinha**, *The Icfai University Tripura*.

Mapping the characteristics of un- and under-vaccinated children • **Adelle Wigley**, *University of Southampton*; **Chigozie E Utazi**, *School of Geography and Environmental Science, University of Southampton*; **Andrew J. Tatem**, *University of Southampton*; **Natalia Tejedor**, *University of Southampton*.

Social inequalities in healthy longevity in Australia • **Kim Xu**, *The Australian National University*; **Collin Payne**, *Australian National University*.

## Poster Session 2819

Investigating nexus between family composition and women's participation in labour force or domestic activities: Recent evidences from India • **Balhasan Ali**, *International Institute for Population Sciences (IIPS)*; **Preeti Dhillon**, *International Institute for Population Sciences (IIPS)*; **Sivakami Muthusamy**, *Tata Institute of Social Sciences (TISS)*; **Udaya Shankar Mishra**, *Centre for Development Studies, Trivandrum*.

Exploring the spatial distribution and regional differences of obstetric complications across India: Evidences based on NFHS- 4: 2015-16. • **Shriya Bajaj**, *International Institute for Population Sciences (IIPS)*; **Rahul Jha**, *International Institute for Population Sciences, Mumbai*.

Utilisation of Maternal and Child Health care services: An initiation to Contraceptive use in India • **Anjali Bansal**, *International Institute for Population Sciences (IIPS)*.

Know your neighbour: Hypertension Situation of India and Nepal • **Ayantika Biswas**, *International Institute for Population Sciences (IIPS)*.

- Estimation of Infant and Child mortality across districts of India over the past 30 years: A cross-sectional birth history data application • **Sourav Dey**, *International Institute for Population Sciences (IIPS)*; **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*.
- Does survival chance of Syrian refugee infants differ from the native infants in Turkey and Jordan? Evidence from TDHS-2018 and JDHS-2017-18 • **Ismet Koç**, *Hacettepe University*; **Melike Saraç**, *Hacettepe University*.
- Urban-rural differential in Hypertension and Diabetes among Elderly in India: A study of prevalence, factors, and treatment-seeking • **Shubham Kumar**, *International Institute for Population Sciences (IIPS)*; **Shekhar Chauhan**, *International Institute for Population Sciences (IIPS)*.
- Living Conditions and Quality of Life of Transgender in Kurnool district, Andhra Pradesh, India. • **Venkata Raja Malla**, *international Institute for Population Sciences*; **Reshmi Ramachandran Sukumari**, *Institute of Health Management Research*.
- Disentangling the Risk of Motherhood: An Exploratory Study of Maternal Mortality in India • **Akshay Mishra**, *International Institute for Population Sciences (IIPS)*; **Usha Ram**, *International Institute for Population Sciences (IIPS)*.
- Exploring Differential Effects of Factors Affecting Undernutrition Among Under-Five Children in Uttar Pradesh, India • **SHAMBHAVI MISHRA**, *University of Lucknow, Lucknow*.
- Determinants of Child Mortality in Rural Community in Uttar Pradesh: Evidences from the Field • **Roli Misra**, *University of Lucknow*; **Ravi Kumar**, *University of Lucknow*; **Shivani Tewari**, *University of Lucknow*.
- Family Planning Differentials among Caste Groups in Bihar, India • **Dewaram Nagdeve**, *International Institute for Population Sciences (IIPS)*; **Prashant Dongardive**, *Research Scholar International Institute for Population Sciences*.
- Analysis of Urban-Rural Differentials in Family Building Process due to Gender Preferences in India: Parity Progression Approach • **Padum Narayan**, *Gauhati University*; **Kishore K. Das**, *Gauhati University*; **Dilip C. Nath**, *Gauhati University*; **Arvind Pandey**, *ICMR - National Institute of Medical Statistics*.
- An Epidemiology of Cancer in India: An Evidence from Cancer Registry and NFHS (2015-16) • **Shruti Pal**, *International Institute for Population Sciences (IIPS)*; **Murali Dhar**, *International Institute for Population Sciences (IIPS)*.
- Mortality patterns in Romania 2000-2015: infant mortality, adult mortality and causes of death • **Qiyao Pan**, *CUNY Institute for Demographic Research (CIDR)*.
- Levels, patterns and determinants of using reversible contraceptives for stopping childbearing: Evidence from National Family Health Survey, 2015-16 • **Margubur Rahaman**, *International Institute for Population Sciences (IIPS)*; **Md Juel Rana**, *International Institute for Population Sciences (IIPS)*; **Reshmi R.S.**, *International Institute for Population Sciences*.
- Prevalence of Respiratory Abnormalities among Iron and Steel Industry Workers in West Bengal, India: A Cross-Sectional Study • **Rahul Rajak**, *International Institute for Population Sciences (IIPS)*; **Priya Maurya**, *International Institute for Population Sciences (IIPS)*; **Aparajita Chattopadhyay**, *International Institute for Population Sciences (IIPS)*.
- Factors Associated with Overweight and Abdominal Obesity among Adults Living with HIV • **Jasmine Beryl Lydia S.**, *International Union Against Tuberculosis And Lung Disease*; **Ezhilarasi Chandrasekaran**, *Biostatistician, YRG Care*; **Suneeta Saghayam**, *Assistant Professor, Women's Christian College*.
- Inequality in healthcare utilization by need and non-need factors associated with chronic NCDs among older adults in India: Evidence from Longitudinal Ageing Study India • **Umakanta Sahoo**, *International Institute for Population Sciences (IIPS)*; **Sanjay K Mohanty**, *International Institute for Population Sciences (IIPS)*.

Impact of Covid-19 on the Perceived Risk Perception: An Exploratory Study using Online Survey Method in India • **Ajay Singh**, *Independent Consultant*; **Ruchi Jain**, *National Council of Applied Economic Research, India*.

Cultural, Ecological and Contextual Drivers of Triple Burden of Malnutrition among Children in India: Macro and Micro Perspectives • **Shri Kant Singh**, *International Institute for Population Science (IIPS)*; **Srang Pedgaonkar**, *IIPS, Mumbai*; **Alka Chauhan**, *International Institute for Population Sciences*.

Consumption stagnation of the Millennials: An Age-Period-Cohort analysis • **An-Chi Tung**, *Institute of Economics, Academia Sinica*; **Kevin Yu-Ching Hsieh**, *School of History and Sociology, Anhui Normal University*.

Impact of COVID-19 on life expectancy at birth in India: A decomposition analysis • **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*; **Pawan Kumar Yadav**, *International Institute for Population Sciences (IIPS)*.

Burden of noncommunicable diseases in India: A decomposition analysis by causes of death 1990-2017 • **Pawan Kumar Yadav**, *International Institute for Population Sciences (IIPS)*; **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*; **Ajinkya Kothavale**, *International Institute for Population Sciences*.

Determinants of Delay in First Pregnancy: Evidence From a Cohort Study in Bihar, India • **Ravita Yadav**, *International Institute for Population Sciences (IIPS)*.

## Poster Session 2820

Quality of Antenatal Care Utilization and Neonatal Mortality in Nigeria: An Event History Analysis • **Sunday Abatan**, *Federal University Oye*; **Lorretta Ntoimo**, *Federal University Oye-Ekiti*.

Small area estimation of multidimensional poverty: The case of Cambodia • **Karina Acosta**, *Cornell University*.

Social capital, self-rated health, and wellbeing during COVID-19 Era: Evidence from a rural household survey in Southwest Nigeria • **Joshua O. Akinyemi**, *University of Ibadan*; **Ojo M. Agunbiade**, *Obafemi Awolowo University/ Department of Sociology and Anthropology*; **Mobolaji Salawu**, *University of Ibadan*; **Olanrewaju Eniade**, *University of Ibadan*; **Sanni Yaya**, *Faculty of Social Sciences, University of Ottawa, Canada*; **Olufunmilayo Fawole**, *University of Ibadan*.

HOUSEHOLD POVERTY-WEALTH OF OVERWEIGHT AND OBESITY AMONG WOMEN OF REPRODUCTIVE AGE IN NIGERIA: A DECOMPOSITION APPROACH • **Ololade O. J. Baruwa**, *North-West University, Mafikeng South Africa*; **Babatunde M. Gbadebo**, *University of Ibadan, Ibadan, Nigeria*.

Fertility Dynamics and Unemployment in Western Europe: a time-series analysis • **Mélika Ben Salem**, *Univ. Gustave Eiffel, ERUDITE*; **Ekrane Boubtane**, *Paris School of Economics / CERDI, Université Clermont Auvergne*.

Unemployment levels and birth outcomes in Spain: The protective role of maternal education • **Hector Cebolla-Boado**; **Tatiana Eremenko**, *UNED, Spain*; **Leire Salazar**, *Universidad Nacional de Educación a Distancia (UNED)*; **Marta Seiz**, *Universidad Nacional de Educación a Distancia*.

Do tenants suffer from status syndrome? Homeownership, norms and suicide in Belgium. • **Joan Damiens**, *UCLouvain, FNRS-FRS*; **Christine Schnor**, *UCLouvain*.

Etude écolologique de la prévalence du VIH des régions de la Côte d'Ivoire en 2012 • **Marie Laure Essis**, *institut national de santé publique d'Abidjan*; **Loukou Léandre Konan**, *Institut National de*

*Santé Publique (Abidjan, Côte d'Ivoire); Teché Orsot, Institut National de Santé Publique (Abidjan, Côte d'Ivoire).*

The Stable Bounded Theory an alternative for projecting populations. Cases of China and India • **Javier González-Rosas**, *University of the Army and Air Force of Mexico.*

Gendered Mortality Differentials in Iganga and Mayuge Health and Demographic Surveillance Site in Uganda (2007-2016) • **Gilbert Habaasa**, *Population and Development Consult.*

Allaitement maternel exclusif en Côte d'Ivoire : durée et facteurs explicatifs • **Ibrahima Koffi**, *Institut de Formation et de Recherche Démographiques (IFORD).*

Timing and Contextual Determinants of Intimate Partner Violence Perpetration in sub-Saharan Africa: A multi-level Survival Analysis • **Kumbirai Madziwa**, *University of the Witwatersrand*; **Monica Akokuwebe**, *North-West University.*

Effect of Dietary Diversity on 6 to 23 Months Child Malnutrition through the Mediating Effects of Child Morbidity: Based on Bangladesh Multiple Indicator Cluster Survey 2019 • **Injamul Methun**, *Tejgaon College*; **M Sheikh Giash Uddin**, *Jagannath University*; **Md. Ismail Hossain Riday**, *Jagannath University*; **Md. Mahabub Alam**, *Bangladesh Bureau of Statistics and Informatics Division Ministry of Planning*; **Sutopa Roy**, *Department of Statistics, Jagannath University.*

Demographic and socioeconomic profile of severely ill and disabled children in South Africa • **Nwabisa Mona**, *University of Kwazulu Natal.*

Women's empowerment and childhood malnutrition in Nigeria: evidence from Demographic and Health Survey • **Emmanuel Odusina**, *Federal University Oye Ekiti*; **Sarafa Shittu**, *Obafemi Awolowo University, Ile-Ife.*

The countervailing effects of tv ownership on bmi and body image among women in eastern Ghana • **Marianne Paul**, *McGill University.*

Biodemographic and Socio-economic Determinants of Mortality among Indian Older Adults: Evidence from a Panel Study • **Ronak Paul**, *International Institute for Population Sciences (IIPS)*; **Rashmi Rashmi**, *International Institute for Population Sciences (IIPS).*

Understanding the linkage between sustainable development goal 3 and other sustainable development goals in India and other developing countries • **Deepika Phukan**, *International Institute for Population Sciences (IIPS).*

Mid Upper Arm Circumference as an alternative measure to assess the nutritional Status of Adolescents: A study based on NFHS-4 in India • **Aparna Roy**, *Independent*; **T. V. Sekher**, *International Institute for Population Sciences (IIPS).*

Religion et acceptation des services de santé de la reproduction chez les adolescents et jeunes au Niger • **Chaibou Sanoussi**, *L'initiative OASIS*; **Balki Ibrahim Agali**, *GRADE AFRICA*; **Nouhou Abdoul Moumouni**, *GRADE AFRICA.*

Who wears the crown? Biomarkers and anthropometric indices for discrimination of cardiometabolic diseases risk among adults in selected low-and lower-middle-income countries • **Sally Sonia Simmons**, *London School of Economics and Political Science (LSE).*

Common Mental Disorders in young adult brazilian students and their association with university experience • **Marina Soares**, *Universidade Estadual de Campinas*; **Glaucia Santos Marcondes**, *Universidade Estadual de Campinas*; **Amilton Santos Júnior**, *State University of Campinas(UNICAMP)*; **Paulo Dalgalarondo**, *State University of Campinas(UNICAMP).*

Dynamics of life expectancy change during the transition from communism in the Western Balkan • **Dijana Spasenoska**, *London School of Economics.*

Trends in Female Labour force participation in India: The Role of Demographic Factors. • **Rishabh Tyagi**, *Max Planck Institute for Demographic Research (MPIDR)*; **Kuriath James.**



## Poster Session 2821

- A Neural Network Model to Study Non-Communicable Diseases in India • **Aakanksha Agarwala**, Gauhati University; **Manab Deka**, Arya Vidyapeeth College.
- Miscarriage and its association with violence, alcohol and tobacco consumption in India: Evidence from NFHS 4 (2015-16) • **Bishwajeet Besra**, International Institute for Population Sciences (IIPS); **Chandrima Paul**, International Institute for Population Sciences (IIPS).
- Understanding the paradoxical relationship between fertility change and contraceptive use in India: Examining the role of proximate determinants in explaining fertility change • **Sayantani Chatterjee**, International Institute for Population Sciences (IIPS); **Sanjay K Mohanty**, International Institute for Population Sciences (IIPS).
- Saas (mother-in-law), bahu (daughter-in-law) and ASHA: Information diffusion in rural Bihar • **Mousumi Dutta**, Presidency University; **Zakir Husain**, Presidency University; **Saswata Ghosh**, Institute of Development Studies Kolkata (IDSK).
- Comparison of Profile and Policies on Persons with Disability in India and China • **Sateesha M. Gouda M**, Tata Institute of Social Sciences (TISS); **Abdul G. Khan**, Gulbarga University.
- Spatial analysis of husbands' out-migration in India • **Kunal Keshri**, G B Pant Social Science Institute, Allahabad University, Allahabad; **Kirti Gaur**, G. B. Pant Social Science Institute, Prayagraj.
- Digital Divide And Learning Gap: Understanding Access To Online Learning Among Students Pursuing Higher Education During The Pandemic In India • **Archana Kujur**, Central University Of Karnataka; **Sanjit Sarkar**, Poverty and Human Development Monitoring Agency.
- Socio-demographic factors affecting under registration of marriage in India • **Nutan Kumari**, International Institute for Population Sciences (IIPS).
- Awareness regarding marriage legislation and registration among Indian women • **Nutan Kumari**, International Institute for Population Sciences (IIPS); **Chander Shekhar**, International Institute for Population Sciences (IIPS).
- Child marriage in Lao PDR • **Siow Li Lai**, University of Malaya.
- Decomposing Inequality in Distress Financing on Institutional Delivery in India • **Suyash Mishra**, International Institute for Population Sciences (IIPS).
- Reproductive health life course and multisectoral approach for improving child health and survival. • **Kananura Muhumuza**, London School of Economics and Political Science (LSE).
- Children Undernourished across the Parliamentary Constituencies of India: A Geo-Spatial Analysis • **Apoorva Nambiar**, Indian Institute of Technology Bombay; **Satish B Agnihotri**, Indian Institute of Technology Bombay; **Arunachalam Dharmalingam**, Monash University.
- Alcohol Use, Intimate Partner Violence, and HIV Sexual Risk Behavior among Young People in Fishing Communities of Lake Victoria, Uganda • **Stephen Ojiambo Wandera**, Makerere University; **Nazarius Mbona NMT Tumwesigye**, Makerere University; **Eddy J Walakira**, Makerere University; **Peter Kisaakye**, Makerere University; **Jennifer Wagman**, University of California, San Diego.
- Investigating trends and patterns in household marital power structure between couples across 4 generations (1980-2018): A study of marriage and gender power relations • **Bamidele Ola**, National Research University Higher School of Economics.
- The role of health insurance to reduce the extent of financial risk in hospitalization in India • **Mohit Pandey**, international Institute for Population Sciences; **R. Nagrajan**, international Institute for Population Sciences.

- Gender and rural-urban difference in ailment-free life expectancy in India: Causes for concern • **Shewli Shabnam**, *Department of Higher Education, Govt. of West Bengal*; **Nandita Saikia**, *Jawaharlal Nehru University*.
- Substance abuse and high-risk sexual behaviour among youth in India : Evidences from NFHS -4 (2015-16) • **Manisha Sharma**, *International Institute for Population Sciences (IIPS)*.
- Effectiveness of Digitalization in Socio-Economic & Health Related Challenges during Pandemic • **Anjali Sharma**, *International Institute for Population Sciences (IIPS)*; **Saif Nihal**, *International Institute for Population Sciences*.
- Education and Employment Status of Disabled population in India: Hurdles and Opportunities for a Better Future • **Anandi Shukla**, *International Institute for Population Sciences (IIPS)*.
- Maternal Height and Fertility Outcomes: A Poisson Regression Analysis • **Brijesh P. Singh**, *Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, India*.
- Historical trends, Seasonality and Patterns of Marriages among the Roman Catholics using Parish Registers in Rural Parishes of the then Ranchi Mission • **Nelson Soy**, *International Institute for Population Sciences (IIPS)*.
- Psychosocial wellbeing of older persons in Kerala, India • **Anil Chandran Sreedharan Pillai**, *University of Kerala*; **Asha T Chacko**, *University of Kerala*.
- Prevalence and Correlated of Composite Index of Anthropometric Failure in selected South Asian Countries • **Vandana Tamrakar**, *Jawaharlal Nehru University*; **Nandita Saikia**, *Jawaharlal Nehru University*.
- Rural-urban gaps in mortality in India among children below 5-years and adult at ages 15-60 years: A critical examination • **Ram Usha**, *International Institute for Population Sciences (IIPS)*; **Ram Faujdar**, *Retired from International Institute for population Sciences (IIPS)*.

## Poster Session 2822

- Prevalence and predictors of multi-morbidity in India: evidence from the 1st wave of longitudinal ageing study in India (LASI) • **Mihir Adhikary**, *International Institute for Population Sciences (IIPS)*; **Kailash Chandra Das**, *International Institute for Population Sciences (IIPS)*.
- COVID-19 Psychological Trauma and its related factors among Nurses in Southwest Nigeria • **Olayinka Ajao**, *Osun State University, Osun State*; **Olanrewaju Eniade**, *University of Ibadan*; **Abayomi Olarinmoye**, *Adeleke University Ede, Osun State*; **Olufemi Ogungbesan**, *Babcock University, Ilisan Remo, Ogun State*; **Yusuff Olasunkanmi**, *University of Ibadan, Ibadan*; **Olawale Gbadebo**, *Osun State University, Osun State*; **Boluwatife Osundina**, *Adeleke University Ede, Osun State*.
- Health Insurance Coverage and Sociodemographic Patterns in South Africa and Nigeria: a comparative cross-sectional study • **Monica Akokuwebe**, *North-West University*.
- Determinants of Out-of-Pocket and Catastrophic Health expenditure among Elderly in India • **Abhishek Balla**, *International Institute for Population Sciences (IIPS)*; **Dipti Govil**, *International Institute for Population Sciences (IIPS)*.
- COVID-19 pandemic and death risk in India in 2020: The disproportionate impact of pandemic on marginalized social groups • **Manasi Bera**, *INDIAN INSTITUTE OF DALIT STUDIES*; **Amaresh Dubey**, *Jawaharlal Nehru University*; **Jihye Kim**, *University of Manchester*; **Wendy Olsen**, *University of Manchester*; **Zoe Williams**, *University of Manchester*; **Arkadiusz Wisniewski**, *University of Manchester*; **Purva Yadav**, *Jawaharlal Nehru University*.
- Estimating excess deaths associated with the COVID-19 pandemic in the Philippines • **Kristine Joy Briones**, *Self-employed*; **Michael Dominic Del Mundo**, *University of the Philippines*; **Claire Dennis Mapa**, *Philippine Statistics Authority*.

Temporal Patterns and Regional Variation in Expectation of Life at Birth in India: 1998-2017 • **Aalok Chaurasia**, *Shyam Institute*.

Perceived Severity of COVID-19 Illness During Early Pandemic in a Rural Community in South Africa: a Population-based Study • **Armstrong Dzomba**, *University of the Witwatersrand, Johannesburg*; **Palesa Mataboge**, *University of the Witwatersrand*; **Francesc Gomez-Olive**, *Harvard University*; **Kathleen Kahn**, *University of the Witwatersrand*.

Emergency Obstetric Complications; a risk of maternal health outcomes in India • **Komal Gajbhiye**, *International Institute for Population Sciences (IIPS)*.

Positioning of new contraceptives – social and normative factors, women’s perceptions and experiences, and role of system: A study among injectable users in Bihar • **Abhishek Gautam**, *International Center for Research On Women*; **Falak Raza**, *International Center for Research on Women*; **Aishwarya Sahay**, *ICRW*; **Kakoli Borkotoky**, *Icrw*; **Kuhika Seth**, *International Center for Research on*; **Nitin Datta**, *International Center for Research on Women (ICRW)*; **Pranita Achyut**, *Icrw*.

Model Life Tables for Ethiopia: Using modified Brass logit system • **Hailay Gebreegziabihir**, *Please complete*; **Krishna Ponnappalli**, *Mekelle University*.

MCH Status Rankings of 36 States/UTs and 640 Districts of India: Factor-Scores Based on 14 Key RCH Indicators, NFHS-4 • **Subhash C. Gulati**, *Institute of Economic Growth*; **Rajesh Raushan**, *Institute for Social and Economic Change*.

Epidemiological transition of urban Maharashtra in India since the 1990s: A Revisit • **Babul Hossain**, *International Institute for Population Sciences (IIPS)*; **Srinivas Goli**.

Disruption in essential health service delivery: A qualitative study on access to Family Planning information and service utilization during COVID-19 pandemic in Uganda • **Allen Kabagenyi**, *Makerere University, Institute of Statistics And Applied Economics*; **Agnes Kiraga**, *Makerere University, Institute of Infectious Diseases*; **John Mark Bwanika**, *The Medical Concierge Group*; **Ronald Wasswa**, *Makerere University*; **Evelyne Nyachwo**, *Makerere University*; **Joy Banonya**, *The Medical Concierge Group*; **Julius Sseninde**, *Makerere University*.

Prevalence of substance use and their correlates among adolescent boys in Bihar, India (2016) • **Shailendra Kumar**, *Tata Institute of Social Sciences (TISS)*; **Anil Kumar K.**, *Tata Institute of Social Sciences (TISS)*.

The burden of cardiovascular disease among older adults in the states of India, 2017-18 • **Jhumki kundu**, *International Institute For Population Sciences, Mumbai*.

Does the impact of providing health information vary by socioeconomic status? A regression discontinuity study of community-based hypertension screening in two major Indian cities • **Sneha Mani**, *University of Pennsylvania*; **Nikkil Sudharsanan**, *Heidelberg University*.

Income and Health Inequality in India: A State-level Analysis • **Sripriya Reddy Medipally**, *Jawaharlal Nehru University*.

Heterogeneous trajectories of depressive symptoms among South African men: Evidence from Latent Growth Mixture Modelling • **Marifa Muchemwa**, *University of The Witwatersrand*; **Clifford Odimwengu**, *University of the Witwatersrand*.

Does parents’ education predicts educational outcomes among school-going adolescent girls • **Ratna Patel**, *International Institute for Population Sciences (IIPS)*; **Dhananjay W. Bansod**, *International Institute for Population Sciences (IIPS)*.

Urban-Rural Differentials in Diabetes prevalence and the associated factors in the Older Adults of India • **Palak Sharma**, *International Institute for Population Sciences (IIPS)*; **Puja Goswami**, *International institute*; **T R. Dilip**, *Consultant, WHO, Geneva*.

Entangling the Economic impact of disease on Households in India • **Srikanth Reddy Umenthala**, *International Institute for Population Sciences (IIPS)*.

The peak and size of COVID-19 disease in India: SARIMA and forecast • **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*; **Pawan Kumar Yadav**, *International Institute for Population Sciences (IIPS)*; **Neha Yadav**, *Jawaharlal Nehru University*.

Half-century of life expectancy at birth in India: role of infant-adult-old age mortality • **Pawan Kumar Yadav**, *International Institute for Population Sciences (IIPS)*; **Suryakant Yadav**, *International Institute for Population Sciences (IIPS)*.

## Poster Session 2823

Trends in chronic child undernutrition in Bangladesh for small domains using Bayesian hierarchical time series modelling • **Sumonkanti Das**, *Australian National University*; **Bernard Baffour**, *Australian National University*; **Alice Richardson**, *The Australian National University ACT 2601*.

Parental age at childbirth and offspring's human capital in china: evidence from a national survey • **Jiamin Gao**, *Beijing Normal University*; **Xiaoying Zheng**, *Peking University*.

Recent trends in Australia's cohort fertility: the role of timing and spacing by education level • **Edith E. Gray**, *Australian National University*; **Ann Evans**, *Australian National University*; **Anna Reimondos**, *Australian National University*.

Changes in subjective mortality expectations and saving during COVID-19 pandemic: Empirical analysis using questionnaire data in Japan • **Tomoko Kinugasa**, *Kobe University*; **Kohei Masumoto**, *Kobe University*; **Koji Yasuda**, *Aomori Public University and Kobe University*; **Kazufumi Yugami**, *Kobe University*; **Shigeyuki Hamori**, *Kobe University*.

Postpartum unmet need for family planning and contraceptive use in the Philippines: Evidence from the 2013 and 2017 Philippine Demographic and Health Surveys • **Elma Laguna**, *University of the Philippines Diliman*; **Maria Paz Marquez**, *University of the Philippines*; **Loren Bausell**, *USAID Collaborating, Learning, and Adapting for Improved Health (CLAimHealth), Panagora Group for USAID/Philippines*; **Mary Ann Lansang**, *USAID Collaborating, Learning, and Adapting for Improved Health (CLAimHealth), Panagora Group for USAID/Philippines*.

Impact of COVID-19 on the health and wellbeing of individuals in South Australia • **Udoy Saikia**, *Flinders University*; **Gouranga Dasvarma**, *Flinders University*; **James Chalmers**, *Lecturer*; **Melinda Dodd**, *Research Scholar*.

Counting Women's Work in China • **Ke Shen**, *Fudan University*; **Yong Cai**, *University of North Carolina at Chapel Hill*; **Feng Wang**, *University of California, Irvine and Fudan University, China*; **Wenlei Zhang**, *Fudan University*.

How Do We Perceive the COVID-19 Pandemic? A Persistent Gender Gap during the COVID-19 Pandemic in Japan • **Sawako Shirahase**, *the University of Tokyo*.

Household socioeconomic status and mortality in Tokugawa Japan: Evidence from three northeastern villages 1708–1870 • **Noriko Tsuya**, *Keio University*; **Satomi Kurosu**, *Reitaku University*.

Life course socialisation processes and educational mobility in post-apartheid rural South Africa • **ShaoTzu Yu**, *Australian National University*; **Brian Houle**, *Australian National University*; **Chodziwadziwa Kabudula**, *University of the Witwatersrand*.