

IPC 2021 Scientific Programme

(Last updated on 3 December 2021)

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Monday, December 6 - 04:00 - 05:30 UTC

- 2 Migration, Living Arrangements and Family Wellbeing
- 3 Undernutrition Among Children and Adolescents in India: From Micro- to Macro-Level Variations

Monday, December 6 - 06:00 - 07:30 UTC

- 4 Emotional Wellbeing of Adolescents and Young People
- 5 Gendered Impacts of Migration and Squatter Living
- 6 Demand and Unmet Need for Contraception

Monday, December 6 - 08:00 - 09:30 UTC

- 7 Marriage and Reproduction in Historical Populations
- 8 Sexual and Reproductive Health of Adolescents and Youth in sub-Saharan Africa
- 9 Education, Human Capital and Demography
- 10 Development Challenges in India: Poverty, Migration and Urbanisation
- 11 Research Leader Session: Family Planning in India during FP2020: Progress and Lessons for FP2030 (Sponsored by the Population Council)

Monday, December 6 - 09:00 - 10:30 UTC

- P1 Poster Session 1

Monday, December 6 - 10:00 - 11:30 UTC

- 12 COVID-19 and Consequences of Lockdowns on Health Outcomes
- 13 Enabling Children and Adolescents to Realize their Full Potential: What Works and What Does Not?
- 14 Ageing and Subjective Wellbeing
- 15 High-Skilled Mobility and Perceptions on Migration: the Use of Novel Data Sources
- 16 Fertility: Preferences and Intentions

Monday, December 6 - 11:00 - 12:30 UTC

- P2 Poster Session 2

Monday, December 6 - 12:00 - 13:30 UTC

- 17 Pandemics, Health, and Fertility
- 18 Technology, Work and Fertility
- 19 Men as Part of the Sexual and Reproductive Health Equation

- 20 Mortality and Causes of Death
- 21 What Affects Child Health: Perspectives from India
- 22 Inaugural Keynote: COVID-19 in LMIC: Implications for the Most Disadvantaged - Dr. Saumya Swaminathan (Chief Scientist WHO)

Monday, December 6 - 14:00 - 15:30 UTC

- 23 Invited Session: Population Change and Identity Politics
- 24 Keynote: Consequences of the COVID-19 Pandemic on Adolescents in LMIC
- 25 Challenges Facing the Young in India
- 26 Infant and Child Mortality
- 27 Invited Session: Early Impacts of COVID-19 on Contraceptive and Abortion Services in LMICs
- 28 Gender Differentials in Human Capital and Labour Force Participation
- 29 Consequences of Pandemics: Lessons from History

Monday, December 6 - 15:00 - 16:30 UTC

- P3 Poster Session 3

Monday, December 6 - 16:00 - 17:30 UTC

- 30 Old-Age Pension, Healthcare and Welfare Policy Evaluation
- 31 Contraceptive Dynamics: Supply Side Issues
- 32 Impact of COVID-19 on Human Capital and the Labour Force
- 33 Examining Maternal and Child Health Issues in Sub-Saharan Africa
- 34 International Migration Projections, Determinants and Crossing Strategies
- 35 Gender Inequalities: Drivers and Impacts
- 36 Flash Talks: Setting a Research Agenda for Political Demography

Monday, December 6 - 17:00 - 18:30 UTC

- P4 Poster Session 4
- P5 Poster Session 5

Monday, December 6 - 18:00 - 19:30 UTC

- 37 Health and Mortality among Migrants
- 38 New Methods and Measures in Urbanization
- 39 Fertility and Sexual and Reproductive Health: New Methods

Monday, December 6 - 20:00 - 21:30 UTC

- 40 Social Differences and Fertility (II)

Monday, December 6 - 22:00 - 23:30 UTC

- 41 Social Differences and Fertility (III)

Tuesday, December 7 - 02:00 - 03:30 UTC

- 1 Production and Reproduction

42 Impact of Environmental Factors on Population Health and Wellbeing (I)

43 Estimating Impacts of COVID-19 on Mortality, Morbidity, and Society

Tuesday, December 7 - 04:00 - 05:30 UTC

44 Health and Reproductive Health

45 Migration: Diversity of contexts

46 Geographic Analysis of Mortality and Health

Tuesday, December 7 - 06:00 - 07:30 UTC

47 Mortality in Low- and Middle-Income Countries

48 Migration, Space and Environment

49 Parity and Parenthood

Tuesday, December 7 - 08:00 - 09:30 UTC

50 Migrant Health

51 Population Ageing, Population Decline and Migration

52 Spatial and Socioeconomic Determinants of Child Health

53 Correlates of Infertility and Assisted Reproduction

54 Intergenerational and Social Support among Older Persons

55 Life Course Approaches to the Transition to Adulthood

56 Research Leader Session - Ageing in India: Emerging Issues and Changes Based on LASI (Sponsored by the International Institute for Population Sciences -IIPS)

Tuesday, December 7 - 09:00 - 10:30 UTC

P6 Poster Session 6

Tuesday, December 7 - 10:00 - 11:30 UTC

57 Key Factors Influencing Family Planning and Maternal Health Services in India

58 Invited Session - Low Fertility: Trends, Policies and Politics

59 Counting and Classifying Populations

60 Patterns of Union Formation Around the World

61 Demographic Dividend and Development

Tuesday, December 7 - 11:00 - 12:30 UTC

P7 Poster Session 7

Tuesday, December 7 - 12:00 - 13:30 UTC

62 COVID-19 and Migration

63 Timing and Childbearing

64 Different Pathways to Residential and Non-residential Partnerships

65 Factors Inhibiting Continuity in Contraceptive Use

66 Vulnerable Populations at Risk

- 67 Research Leader Session: Youth Mixed Migration in Gateway Cities (Sponsored by UNFPA)
- 68 Research Leader Session - National and Subnational Investigation of the Drivers of Success in Maternal and New Born Mortality Reduction in India; Exemplars in Global Health (Sponsored by India Health Action Trust)

Tuesday, December 7 - 13:00 - 14:30 UTC

P8 Poster Session 8

Tuesday, December 7 - 14:00 - 15:30 UTC

- 69 IUSSP Panel Session: The Implications of Global Pandemics for International Migration and Migration Research
- 70 Joint Population Associations Session: COVID-19 and Early Academic Career
- 71 Barriers to Contraceptive Use
- 72 Fertility, Demographic Dividend, and Development
- 73 Gender-Based Sexual Violence
- 74 Labour Market Position and Economic Effects of Migration
- 75 Social Ties, Family Reunification, and Housing Conditions among International Migrants

Tuesday, December 7 - 15:00 - 16:30 UTC

P9 Poster Session 9

Tuesday, December 7 - 16:00 - 17:30 UTC

- 76 Abortion as a Programme and Policy Priority
- 77 Marriage and Other Social Determinants of Fertility
- 78 Consequences of COVID-19 on Family Life and Structure
- 79 People at Risk: Environmental Hazards and Population Vulnerability
- 80 Innovations in Methodology
- 81 Research Leader Session: New Resources: Population Data Platforms (Sponsored by UNFPA)
- 82 IUSSP Panel Round Table: Is Rising Inequality Acceptable If It Coincides with Poverty Reduction?

Tuesday, December 7 - 17:00 - 18:30 UTC

P10 Poster Session 10

Tuesday, December 7 - 18:00 - 19:30 UTC

- 83 Data and Methods: A Medley of Perspectives
- 84 Longevity in Perspective
- 85 European Fertility: Recent findings

Tuesday, December 7 - 20:00 - 21:30 UTC

- 86 Gender, Care and Health
- 87 Communicable Diseases in the Americas

Tuesday, December 7 - 22:00 - 23:30 UTC

- 88 Demographic Trends: Estimates and Projections

Wednesday, December 8 - 02:00 - 03:30 UTC

- 89 Health and Fertility
- 90 Keynote: Six Ways Population Change Will Affect Global Economy

Wednesday, December 8 - 04:00 - 05:30 UTC

- 91 Social Differences and Fertility
- 92 Cognitive Health and Older Adults
- 93 Human Capital, Labour, Standard of Living and Inequality

Wednesday, December 8 - 06:00 - 07:30 UTC

- 94 Exploring hypotheses of Nutritional Status and Non-communicable Diseases
- 95 Maternal Health Care and Associated Needs
- 96 Research Leader Session - Reaping the Benefit of the Demographic Dividend in India: Challenges, Opportunities and Policy Option (Sponsored by UNFPA)

Wednesday, December 8 - 07:00 - 08:30 UTC

- P11 Poster Session 11

Wednesday, December 8 - 08:00 - 09:30 UTC

- 97 Achieving Inclusive and Equitable Quality Education for Children and Adolescents from Vulnerable Households
- 98 Societal Impacts of Sex Selection Behaviour
- 99 Migration Patterns: Internal and International
- 100 Socioeconomic Inequality and Mortality Differentials
- 101 Living Arrangements in a Global Perspective
- 102 Impact of Environmental Factors on Population Health and Wellbeing (II)

Wednesday, December 8 - 09:00 - 10:30 UTC

- P12 Poster Session 12

Wednesday, December 8 - 10:00 - 11:30 UTC

- 103 Human Mobility and the Environment
- 104 Contraceptive Dynamics: Role of Macro-Level Socioeconomic Factors
- 105 Impact of COVID-19 on Gender Relations
- 106 Gender Disparities and Disadvantage: Perspectives from India
- 107 Early Life Experience and Later Life Outcomes
- 108 Keynote: Twentieth Century Famines and Food Availability in South Asia

Wednesday, December 8 - 11:00 - 12:30 UTC

- P13 Poster Session 13

Wednesday, December 8 - 12:00 - 13:30 UTC

- 109 Research Leader Session - Good Practices, Innovative Approaches and Challenges in Streamlining and Leveraging Interventions to Respond to the Corona Virus (Sponsored by Learning for Impact USAID Project)

- 110 Sexual and Reproductive Health of Young People
- 111 Research Leader Session - Quantifying Uncertain Migration Scenarios (Sponsored by the QuantMig Project / University of Southampton)
- 112 Research Leader Session: Modern Approaches to Vital Statistics Production, Dissemination and Usage: Harnessing Civil Registration Data to Advance Population Health and Gender Equality (Sponsored by UNFPA)
- 113 Measurement of Age and Age Structures
- 114 Population Policies and the Demographic Transition

Wednesday, December 8 - 13:00 - 14:30 UTC

- P14 Poster Session 14

Wednesday, December 8 - 14:00 - 15:30 UTC

- 115 Economic Policy and Health Outcomes
- 116 Inequalities, Health and Wellbeing
- 117 Global and Macro-level analysis of Contraceptive use Data
- 118 Estimating and Modelling Mortality
- 119 Migration and Socioeconomic Inequalities
- 120 COVID-19 and Sexual and Reproductive Health
- 121 Approaches to Life Course Research

Wednesday, December 8 - 16:00 - 17:30 UTC

- 122 Socioeconomic Inequality, Differentials and Mortality
- 124 Research Leader Session - Addressing the Needs of Marginalized Populations Impacted by Climate Change: Evidence Gaps at the Intersection of the Population and Climate Sciences (Sponsored by the Population Council)
- 125 Research Leader Session - INED's Mortality and Health Databases: Valuable Resources for International Comparisons (Sponsored by INED)
- 126 IUSSP Panel Round Table - Digital Demography: Highlights and Future Directions
- 127 Family Formation in Migrant Families

Wednesday, December 8 - 17:00 - 18:30 UTC

- P15 Poster Session 15

Wednesday, December 8 - 18:00 - 19:30 UTC

- 128 Pregnancy Intentions and Life Planning among Women, Men and Adolescents
- 129 Direct and Indirect Impacts of the COVID-19 Pandemic
- 130 Use and Misuse of Preventive and Curative Treatments: The Role of Socioeconomic Factors

Wednesday, December 8 - 20:00 - 21:30 UTC

- 131 Fertility, Fertility Preferences and Contraception: Data and Methods
- 132 The Determinants of Urban Inequality

Wednesday, December 8 - 22:00 - 23:30 UTC

- 133 Social and Demographic Factors Influencing Communicable and Non-communicable Diseases
- 134 IUSSP Panel Session: Family and Inequality in Asia

Thursday, December 9 - 02:00 - 03:30 UTC

- 135 Formal Models and Methods for the Analysis of Mortality and Causes of Death
- 136 Data Quality: From Pregnancy to Death

Thursday, December 9 - 04:00 - 05:30 UTC

- 137 Nutritional Status and its Health and Socioeconomic Effects in Asia
- 138 Fertility in India: Present and Prospect

Thursday, December 9 - 06:00 - 07:30 UTC

- 139 Sexual and Reproductive Health Experiences of Women in India over the Life Course
- 140 Profiles and Patterns of Chronic Multimorbidity
- 141 Migration Experiences and Population Distributions

Thursday, December 9 - 08:00 - 09:30 UTC

- 142 The Influence of Family Structure and Dynamics on Children's Health and Wellbeing
- 143 Modelling the Demographic Dividend and Policy Implications
- 144 Spatial and Social Patterns of Fertility
- 145 Factors Contributing to Later Life Health and Satisfaction
- 146 Persisting Preferences for Sons

Thursday, December 9 - 09:00 - 10:30 UTC

- P16 Poster Session 16
- P17 Poster Session 17

Thursday, December 9 - 10:00 - 11:30 UTC

- 147 Measurement Issues in Sexual and Reproductive Health Research
- 148 Refugees, Policies and Public Opinion
- 149 Estimating COVID-19 Risks and Self-Perceptions
- 150 Spatial Population Dynamics
- 151 Invited Round Table: Demographic Training for the 21st Century

Thursday, December 9 - 11:00 - 12:30 UTC

- P18 Poster Session 18

Thursday, December 9 - 12:00 - 13:30 UTC

- 152 UNFPA Special Session: Impact of the COVID-19 Pandemic on Fertility
- 153 Research Leader Session - Building Trust in India's Data Ecosystem: A Model of Change (Sponsored by the Population Council)

- 154 Influence of Ethnicity and Minority status on Contraception Use
- 155 Ageing and Disability
- 156 Urban Exposure to Risk
- 157 Female Empowerment, Fertility and Sexual Violence

Thursday, December 9 - 13:00 - 14:30 UTC

- P19 Poster Session 19

Thursday, December 9 - 14:00 - 15:30 UTC

- 158 Urban Demography and Segregation
- 159 Covid-19: Impacts and Methodological Challenges
- 160 Health Service Utilization to Improve Reproductive and Maternal Health
- 161 Family Systems, Kinship and Marriage Timing
- 162 Child Care Arrangements: Patterns, Trends and Effects
- 163 Research Leader Session: New Evidence on Urban Fertility and Family Planning in Sub-Saharan Africa and South Asia (Sponsored by the IUSSP Panel on Urban FP)

Thursday, December 9 - 15:00 - 16:30 UTC

- P20 Poster Session 20

Thursday, December 9 - 16:00 - 17:30 UTC

- 123 Research Leader Session: Methodological Enquiry in Measurement of Traditional Methods of Contraception in Modern Times (Sponsored by AFIDEP)
- 164 Research Leader Session: Launch of Genus Thematic Series on Civil Registration and Vital Statistics Systems - (Sponsored by the IUSSP 'CRVS' Panel)
- 166 Methods and Data for Demographic Analysis
- 167 Keynote: Demography Fast & Slow
- 168 Socioeconomic Effects of the COVID-19 Pandemic
- 169 Creating and Using International or Historical Datasets
- 170 Understanding Migration: Applying New Data and Methods

Thursday, December 9 - 18:00 - 19:30 UTC

- 171 COVID-19 and Fertility
- 172 Ageing, Retirement, and Saving

Thursday, December 9 - 20:00 - 21:30 UTC

- 173 Population Shifts and Environmental Change: Past Trends, Current Conditions and Future Scenarios

Thursday, December 9 - 22:00 - 23:30 UTC

- 174 Socioeconomic Status and Mortality

Friday, December 10 - 02:00 - 03:30 UTC

- 175 Public Health and Political Crises: Familial and Community Influences on Outcomes for Children

Friday, December 10 - 04:00 - 05:30 UTC

- 176 Demographic and Socioeconomic Aspects of Health Across Many Geographies
- 177 Ethnicity, Religion and Tribe: Sociocultural Influences on Demographic Behaviour
- 178 Empowerment and Equity in Sexual and Reproductive Health Care Services

Friday, December 10 - 06:00 - 07:30 UTC

- 179 Fertility Transition and Prospects

Friday, December 10 - 08:00 - 09:30 UTC

- 180 Migration in the Context of the COVID-19 Pandemic
- 181 Trajectories in Multimorbidity
- 182 Union Dissolution Around the World: Predictors and Outcomes
- 183 Measurement of Mortality and Causes of Death

Friday, December 10 - 09:00 - 10:30 UTC

- P21 Poster Session 21

Friday, December 10 - 10:00 - 11:30 UTC

- 184 Strengthening the Evidence Base for Inclusive Population Policies
- 185 Family Transitions in Longitudinal Perspective
- 186 Demographic Analysis of the Covid-19 Pandemic
- 206 Training session: Tools for Working with, Estimating and Visualising Migration Data in R

Friday, December 10 - 11:00 - 12:30 UTC

- P22 Poster Session 22

Friday, December 10 - 12:00 - 13:30 UTC

- 187 Wellbeing and Mental Health Outcomes: Measurements and Determinants
- 188 Impact of Covid-19 on Contraceptive Behaviour
- 189 Population and Development: Human Capital Perspectives
- 190 Post-Shock Gender Dynamics

Friday, December 10 - 14:00 - 15:30 UTC

- 192 Keynote: Human Capital and Sustainable Human Wellbeing
- 193 Us vs Them: Cultural Assimilation and Anxieties in the Modern World
- 194 Economy, Education, and Fertility
- 195 COVID-19 Impacts on Older Adults
- 196 Postpartum Contraceptive Needs and Use
- 197 Spatial Networks, Clusters and Accessibility
- 198 Disadvantage, Opportunity and Inequality

Friday, December 10 - 15:00 - 16:30 UTC

- P23 Poster Session 23

Friday, December 10 - 16:00 - 17:30 UTC

- 165 IUSSP Panel Session: Emerging Ethics and Human Rights Issues in the Digitization of Population Register Systems
- 199 Augmenting Census and Other Data to Better Understand Spatial Population Distributions
- 200 Intergenerational Relations, Living Arrangements and COVID-19
- 201 Patterns in Markers of Transitions and Associated Factors
- 205 Research Leader Session: Contraceptive Transition Theories (Sponsored by the IUSSP Scientific Panel on Contraceptive Transition Theories)
- 207 Closing and Award Ceremony - IUSSP Mattei Dogan Award and Best Poster Awards

Friday, December 10 - 18:00 - 19:30 UTC

- 202 COVID-19 and Widening Inequalities
- 203 Geographic Variations in Education and Health
- 204 Multidimensional Links: Environmental Conditions, Fertility, and Reproductive and Maternal Health

2021 International Population Conference (IPC2021)

Full programme

Monday, December 6, 04:00 - 05:30 UTC

2 MIGRATION, LIVING ARRANGEMENTS AND FAMILY WELLBEING

Chair: **Nick Parr**, *Macquarie University*

1 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*

2 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*; Francesc Gomez-Olive, *Harvard University*

3 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*

Monday, December 6, 04:00 - 05:30 UTC

3 UNDERNUTRITION AMONG CHILDREN AND ADOLESCENTS IN INDIA: FROM MICRO- TO MACRO-LEVEL VARIATIONS

Chair: **Tapan Chakrabarty**, *North Eastern Hill University*

1 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*; Ashish Singh, *School of Management, Indian Institute of Technology*

2 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*

3 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)*

Monday, December 6, 06:00 - 07:30 UTC

4 EMOTIONAL WELLBEING OF ADOLESCENTS AND YOUNG PEOPLE

Chair: **K.G. Santhya**, *Population Council*

1 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)*

2 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)*

3 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)*

4 Smartphone Use, Sleep Quality and the Wellbeing of Indonesian College Students During the Pandemic • Bianca Marella*, *Universitas Tarumanagara*

Monday, December 6, 06:00 - 07:30 UTC

5 GENDERED IMPACTS OF MIGRATION AND SQUATTER LIVING

Chair: **Nimfa B. Ogena**, *University of the Philippines*

1 Patterns of subjective well-being (dis-)advantages in Belarus: the intersectionality of partnership, parenthood, gender, and migration • Vytenis Juozas Deimantas*, *Università Bocconi*

2 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*

3 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*

4 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*

Monday, December 6, 06:00 - 07:30 UTC

6 DEMAND AND UNMET NEED FOR CONTRACEPTION

Chair: **Kazuyo Machiyama**, *London School of Hygiene & Tropical Medicine*

1 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)*

2 Family Planning Performance in India Using a New Composite Performance Index • Aalok Chaurasia*, *Shyam Institute*

3 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*

Monday, December 6, 08:00 - 09:30 UTC

7 MARRIAGE AND REPRODUCTION IN HISTORICAL POPULATIONS

Chair: **Michel Oris**, *University of Geneva*

1 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*

2 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*

3 An analysis of marriage timing and intensity in nineteenth-century Tasmania • Isabelle Cherklesly*, *Monash University*

Monday, December 6, 08:00 - 09:30 UTC

8 SEXUAL AND REPRODUCTIVE HEALTH OF ADOLESCENTS AND YOUTH IN SUB-SAHARAN AFRICA

Chair: **Souleymane Garba**, *L'Initiative OASIS Niger*

1 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*

2 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 Français sur la Population et le Développement (CEPED)*; Lilie Carolle Dongmo Temgoua, *Institut de Formation en Recherche Démographique*; Nsabimana Loïc, *IFORD*

3 Female Genital Mutilation/Cutting in the Central African Republic: A demographic perspective • José Antonio Ortega*, *Universidad de Salamanca, Spain*

Monday, December 6, 08:00 - 09:30 UTC

9 EDUCATION, HUMAN CAPITAL AND DEMOGRAPHY

Chair: **Elke Loichinger**, *Federal Institute for Population Research (BiB)*

1 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*

2 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*

3 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*

4 Multiple jobholding patterns among young workers in EU-28 countries: The influence of flexicurity policies • Guillermo Orfao*, *University of Salamanca*; Alberto Del Rey Poveda, *University of Salamanca*; Miguel Ángel Malo, *University of Salamanca*

Monday, December 6, 08:00 - 09:30 UTC

10 DEVELOPMENT CHALLENGES IN INDIA: POVERTY, MIGRATION AND URBANISATION

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

Monday, December 6, 08:00 - 09:30 UTC

11 RESEARCH LEADER SESSION: FAMILY PLANNING IN INDIA DURING FP2020: PROGRESS AND LESSONS FOR FP2030 (SPONSORED BY THE POPULATION COUNCIL)

Chair: **Subrato Mondal**, *U.S. Agency for International Development (USAID)*

Chair: **S. K. Sikdar**, *Government of India*

Discussant: **Priya Nanda**, *Bill & Melinda Gates Foundation*

1 Rajib Acharya*, *Population Council*

2 Comparative Analysis of Contraceptive use in Punjab and Manipur: Exploring beyond Women's Education and Empowerment • Anjali Sharma*, *International Institute for Population Sciences (IIPS)*

3 Ijaya Singh*, *Achutha Menon Center for Health Science Studies*

4 Ravi Prakash*, *India Health Action Trust*

Monday, December 6, 09:00 - 10:30 UTC

P1 POSTER SESSION 1

54 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*

55 Reducing the impact of a disaster on rural livelihood: Evidence from an ICT lead development intervention during Cyclone Amphan in Eastern India • Kotta*

56 A Journey of Disability in India: An Investigation by Definitional Difference • Ajit Yadav*, *GIZ*

- 57 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)*
- 58 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*
- 59 Return Migration and Occupational Mobility: The Study of Return Migrants in Rural West Bengal, India • Pranamita Banerjee*, *Jawaharlal Nehru University*
- 60 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)*
- 61 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*
- 63 Alcoolisation ponctuelle importante des parents et accumulation du capital humain des enfants au Cameroun • Francklin Teongmo Nzoyem*, *Université de Maroua*; Mondjeli Mwa Ndjokou, *Université de Yaoundé II*; Yves André Abessolo, *Université de Maroua*
- 64 Impact of COVID 19 on international contract labour migration in Sri Lanka • Sunethra Perera Ellawala Liyanage*, *University of Colombo*
- 65 Alcohol and Tobacco: Use and Co-use in the North Eastern Region of India. • Manali Swargiary*, *international Institute for Population Sciences*
- 66 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*
- 67 A Symbiotic Relationship Between Indigenous People & Natural Forest of Ajodhya Foothills, Purulia, West Bengal • Sourav Biswas*, *International Institute for Population Sciences (IIPS)*
- 68 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*

Monday, December 6, 10:00 - 11:30 UTC

12 COVID-19 AND CONSEQUENCES OF LOCKDOWNS ON HEALTH OUTCOMES

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 • Usha Ram*, *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 SVEIRD Epidemiological Model to Predict the COVID-19 Transmission in Indian States • Swagata Mandal*, *International Institute for Population Sciences (IIPS)*; Sayeed Unisa, *international Institute for Population Sciences*

Monday, December 6, 10:00 - 11:30 UTC

13 ENABLING CHILDREN AND ADOLESCENTS TO REALIZE THEIR FULL POTENTIAL: WHAT WORKS AND WHAT DOES NOT?

Chair: **Shireen J. Jejeebhoy**, *Aksha Center for Equity and Wellbeing*

- 1 The Right to Education Act and Children's School Attendance in Rural India: A Causal Approach • Leena Bhattacharya*, *Indira Gandhi Institute of Development Research (IGDR)*
- 2 Government unconditional cash transfers and safe transitions for youth in Malawi • Sudhanshu Handa, *University of North Carolina at Chapel Hill*; Monica Lambon-Quayefio*, *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*

3 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*

4 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*

Monday, December 6, 10:00 - 11:30 UTC

14 AGEING AND SUBJECTIVE WELLBEING

Chair: **Gavin W. Jones**, *School of Demography- Australian National University*

1 Association between Time Use Behaviour and 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*

2 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 Cherviakov, *Higher School of Economics*

3 An exploratory study of Subjective well being of older persons age 60 and over living in Nairobi • Alfred Titus Agwanda Otieno*, *University of Nairobi*; Ben Obonyo Jarabi, *Lecturer*; Samwel Wakibi, *University of Nairobi*; Anne Khasakhala, *University of Nairobi*

4 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)*

Monday, December 6, 10:00 - 11:30 UTC

15 HIGHS-SKILLED MOBILITY AND PERCEPTIONS ON MIGRATION: THE USE OF NOVEL DATA SOURCES

Chair: **Philippe Fargues**, *European University Institute*

1 Internal versus international scholarly mobility and migration worldwide • Aliakbar Akbaritabar*, *Max Planck Institute for Demographic Research (MPIDR)*; Emilio Zagheni, *Max Planck Institute for demographic Research*

2 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*

3 The perceptions of migration during the pandemic: what Twitter data tell us? • Sara Miccoli*, *Sapienza University of Rome*; Elena Ambrosetti, *Sapienza Università di Roma*

4 Social network, Pre-departure Planning, Job and Life Satisfaction among Migrants: A Study of Return Migrants in Kerala • Reshmi Ramachandran Sukumari, *Institute of Health Management Research*; Afsal K*

5 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*

Monday, December 6, 10:00 - 11:30 UTC

16 FERTILITY: PREFERENCES AND INTENTIONS

Chair: **Natalie Nitsche**, *Max Planck Institute for Demographic Research*

1 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, *Center for Demographic Studies*

2 Realization of short-term fertility intentions in a comparative perspective: Which macro-level conditions matter? • Zsolt Speder*, *Hungarian Demographic Research Institute, Budapest*

3 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*

4 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)*

Monday, December 6, 11:00 - 12:30 UTC

P2 POSTER SESSION 2

110 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*

111 Maternal Height and Fertility Outcomes: A Poisson Regression Analysis • Brijesh P. Singh*, *Department of Statistics, Institute of Science, Banaras Hindu University, Varanasi, India*

112 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*

113 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*

114 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*

116 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)*

117 Socio-demographic factors affecting under registration of marriage in India • Nutan Kumari*, *International Institute for Population Sciences (IIPS)*

118 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)*

119 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*

120 Child marriage in Lao PDR • Siow Li Lai*, *University of Malaya*

121 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*, *Hong Kong Baptist University*

122 A Neural Network Model to Study Non-Communicable Diseases in India • Aakanksha Agarwala*, *Gauhati University*; Manab Deka, *Arya Vidyapeeth College*

123 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)*

124 Psychosocial wellbeing of older persons in Kerala, India • Anil Chandran Sreedharan Pillai*, *University of Kerala*; Asha T Chacko, *University of Kerala*

125 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*

126 Education and Employment Status of Disabled population in India: Hurdles and Opportunities for a Better Future • Anandi Shukla*, *International Institute for Population Sciences (IIPS)*

Monday, December 6, 12:00 - 13:30 UTC

17 PANDEMICS, HEALTH, AND FERTILITY

Chair: **Letizia Mencarini**, *Bocconi University, Milan, Italy*

1 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*

2 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)*

3 Effects of the Haiti 2010 Earthquake on Fertility • Hilde Orderud*, *European University Institute*; Juho Härkönen, *European University Institute*

4 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)*

Monday, December 6, 12:00 - 13:30 UTC

18 TECHNOLOGY, WORK AND FERTILITY

Chair: **Jessica Nisén**, *University of Turku*

1 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*

2 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*

3 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*

4 Nonstandard working hours and fertility in France • Anne Lambert*, *Institut National d'Études Démographiques (INED)*; Mariona Segú, *Institut national d'études démographiques*

Monday, December 6, 12:00 - 13:30 UTC

19 MEN AS PART OF THE SEXUAL AND REPRODUCTIVE HEALTH EQUATION

Chair: **Priya Nanda**, *Bill & Melinda Gates Foundation*

1 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*

2 “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, *HIV Prevention Research Unit, SAMRC*; Jill Hanass-Hancock, *Gender and Health Research Unit, SAMRC*

3 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*

4 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*

Monday, December 6, 12:00 - 13:30 UTC

20 MORTALITY AND CAUSES OF DEATH

Chair: **Tim Adair**, *University of Melbourne*

1 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*

2 Causes of death patterns and life expectancy: explaining USA gap. • Stefano Mazzucco*, *University of Padova*; Stefano Camprostrini, *University of Venice*; Emanuele Aliverti, *Università Ca' Foscari Venezia*; Daniele Durante, *Bocconi University*

3 Cause-of-death diversity from a multiple-cause perspective in the US • Sergi Trias-Llimós*, *Centre d'Estudis Demogràfics*; Iñaki Permanyer, *Centre for Demographic Studies and ICREA*

Monday, December 6, 12:00 - 13:30 UTC

21 WHAT AFFECTS CHILD HEALTH: PERSPECTIVES FROM INDIA

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 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)*

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*

Monday, December 6, 12:00 - 13:30 UTC

22 INAUGURAL KEYNOTE: COVID-19 IN LMIC: IMPLICATIONS FOR THE MOST DISADVANTAGED - DR. SAUMYA SWAMINATHAN (CHIEF SCIENTIST WHO)

Chair: **K.S. James**, *International Institute for Population Sciences*

1 Soumya Swaminathan*, *World Health Organization*

Monday, December 6, 14:00 - 15:30 UTC

23 INVITED SESSION: POPULATION CHANGE AND IDENTITY POLITICS

Chair: **Jennifer Sciubba**, *Rhodes College*

1 Demographic Change and Political Order in Uganda • Catherine Promise Biira*, *Independent consultant, Uganda*

2 Wombfare: The Weaponization of Fertility in Israel and the US • Monica Duffy Toft*, *Tufts University*

3 Demographic Politics in Asia's Super-Size Democracies: India, Bangladesh and Pakistan • K.S. James*, *International Institute for Population Sciences*

4 Whiteshift: Demographic Change, Populism, and Polarization in the UK • Eric P. Kaufmann*, *University of London*

Monday, December 6, 14:00 - 15:30 UTC

24 KEYNOTE: CONSEQUENCES OF THE COVID-19 PANDEMIC ON ADOLESCENTS IN LMIC

Chair: **Jean-François Kobiané**, *Institut Supérieur des Sciences de la Population/Université Joseph Ki-Zerbo*

1 Nicola Jones*, *Overseas Development Institute, London*

Monday, December 6, 14:00 - 15:30 UTC

25 CHALLENGES FACING THE YOUNG IN INDIA

Chair: **Sanghmitra S. Acharya**, *Jawaharlal Nehru University*

1 Shaping Girls' Aspirations: Evidence from India • Purna 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 the 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*, *Doctoral Fellow, 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*; Niranjana 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*

Monday, December 6, 14:00 - 15:30 UTC

26 INFANT AND CHILD MORTALITY

Chair: **Tiziana Leone**, *LSE*

1 When do parents bury a child? Uncertainty of offspring loss across the demographic transition • Diego Alburez-Gutierrez*, *Ugofilippo Basellini, Max Planck Institute for demographic Research*; Emilio Zagheni, *Max Planck Institute for demographic Research*

2 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*

3 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*

4 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*

5 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*

Monday, December 6, 14:00 - 15:30 UTC

27 INVITED SESSION: EARLY IMPACTS OF COVID-19 ON CONTRACEPTIVE AND ABORTION SERVICES IN LMICS

Chair: **Zeba A. Sathar**, *Population Council*

1 Ann Biddlecom*, *Guttmacher Institute*

2 Abdulmumin Saad*, *Independent Expert*

Monday, December 6, 14:00 - 15:30 UTC

28 GENDER DIFFERENTIALS IN HUMAN CAPITAL AND LABOUR FORCE PARTICIPATION

Chair: **Anne Goujon**, *Joint Research Centre, European Commission*

1 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)*

2 Gender wage gap in Brazilian formal labour market: a glass ceiling analysis in leadership positions. • Tainá da Silva*, *No Current employer*

- 3 Unequal Duties and Unequal Retirement:
Decomposing the Women's Labor Force Decline in Post-Reform China • Kai Feng*, *University of Pennsylvania*
- 4 The motherhood penalty in the Brazilian labor market: an age-period-cohort analysis • Iracy Pimenta*, *Universidade Federal de Minas Gerais (UFMG)*; Simone Wajnman, *Cedeplar, UFMG*; Gilvan R. Guedes, *Universidade Federal de Minas Gerais (UFMG)*

Monday, December 6, 14:00 - 15:30 UTC

29 CONSEQUENCES OF PANDEMICS: LESSONS FROM HISTORY

Chair: **Alain Gagnon**, *Université de Montréal*

- 1 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*
- 2 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*
- 3 The Improvement of Ottoman Population Statistics under the Challenge of 19th. Century Epidemics • Emine Tonta Ak*, *Fatih Sultan Mehmed Vakif Üniversitesi*
- 4 Consanguinity, Epidemics and Early Life Survival in Colonial Quebec, 1720-1830 • Jessica Gagnon-Sénat*, *Université de Montréal*; Alain Gagnon, *Université de Montréal*; Lisa Dillon, *Université de Montréal*

Monday, December 6, 15:00 - 16:30 UTC

P3 POSTER SESSION 3

- 11 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*
- 12 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*
- 13 Decline in General Fertility Rates in Brazil following Zika Virus and Covid-19 outbreaks • 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 Koepf, *University of Texas at Austin*; Ryan Lloyd, *University of Texas at Austin*; Ana Paula Portella, *University of Texas at Austin*
- 14 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)*
- 15 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*, *Gutmacher Institute*; Elizabeth Nansubuga, *Makerere University*
- 16 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*
- 17 TRANSITION DE LA FECONDITE ET SCOLARISATION DES ENFANTS AU MAROC Analyse différentielle selon le genre • Loudghiri Khadija*, *Moroccan Health Ministry*; Fazouane Abdessalam, *INSEA_GEAS3D*
- 18 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*
- 19 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)*

20 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*

21 Correlates of teenage pregnancies in Sub-Saharan African countries • Martin Enock Palamuleni*, *North West University*

22 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)*

23 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*

24 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*

25 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*

26 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*

Monday, December 6, 16:00 - 17:30 UTC

30 OLD-AGE PENSION, HEALTHCARE AND WELFARE POLICY EVALUATION

Chair: **Agnieszka Chlon-Dominczak**, *Warsaw School of Economics*

1 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*

2 When to claim your pension: the effect of uncertainty in ages at death • Sha Jiang*, *Stanford University*; Wenyun Zuo, *Stanford University*; Shripad Tuljapurkar, *Stanford University*

3 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)*

4 Pension vieillesse et pauvreté des personnes âgées au Cameroun • Marcel Nkoma*, *Ministry of Economy, Planning and regional development*

Monday, December 6, 16:00 - 17:30 UTC

31 CONTRACEPTIVE DYNAMICS: SUPPLY SIDE ISSUES

Chair: **Linnea Eitmann**, .

1 Understanding modern contraceptive supply dynamics: a latent class analysis of the CM4FP project's longitudinal outlet data from Nigeria • Justin Archer, *Independent Consultant*; Paul Bouanchaud*, *Population Services International (PSI)*; Hildah Essendi, *Population Services Kenya*; Chinedu Onyezobi, *Society for Family Health Nigeria*; Mark Conlon, *Population Services International*; Julius Ngigi, *Population Services Kenya*; Anthony Nwala, *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*; Baker Lukwago, *PSI*

2 Differentiating local government performance in strengthening and scaling family planning programming: A mixed methods comparative case study • Oluwayemisi Ishola, *Kent State University*; 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*

3 Family Planning Services and Human Capital Growth: Experimental Evidence from Urban Malawi • Daniel Maggio*, *Cornell University*; Mahesh Karra, *Boston University*; David Canning, *Harvard University*

Monday, December 6, 16:00 - 17:30 UTC

32 IMPACT OF COVID-19 ON HUMAN CAPITAL AND THE LABOUR FORCE

Chair: **David Lam**, *University of Michigan*

- 1 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*
- 2 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*

Monday, December 6, 16:00 - 17:30 UTC

33 EXAMINING MATERNAL AND CHILD HEALTH ISSUES IN SUB-SAHARAN AFRICA

Chair: **Nathalie Sawadogo**, *Université Joseph Ki-Zerbo, ISSP*

- 1 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*
- 2 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*
- 3 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*
- 4 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*

Monday, December 6, 16:00 - 17:30 UTC

34 INTERNATIONAL MIGRATION PROJECTIONS, DETERMINANTS AND CROSSING STRATEGIES

Chair: **Marcela Cerrutti**, *Centro de Estudios de Población (CENEP)*

- 1 Modeling and Forecasting Bilateral Migration Flows for All Countries • Nathan Welch*, *University of Washington*; Adrian Raftery, *University of Washington, Seattle*
- 2 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 Republica*; Emilio Zagheni, *Max Planck Institute for demographic Research*
- 3 Determinants of international migration: a methodological study based on Egypt • Richard Bilborrow*, *University of North Carolina at Chapel Hill*; Samir FARID, *Mediterranean Household International Migration Survey (MED-HIMS)*; Qi Zhang, *Boston University*
- 4 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*

Monday, December 6, 16:00 - 17:30 UTC

35 GENDER INEQUALITIES: DRIVERS AND IMPACTS

Chair: **Sajeda Amin**, *Population Council*

- 1 Revolving door effect in the media: New cohort method reveals a dual job market for actors and actresses
• Mathieu Arbogast*, *CRESPPA-GTM (CNRS) & CEMS (EHESS)*
- 2 Gender Display in Marriage Revisited: Female's Relative Income and Transition into Motherhood • Wenhao Jiang*, *New York University*
- 3 The Impact of Income and Socioeconomic Characteristics on Education: A Gender Differences Analysis
• Humaira Kamal Pasha*, *Universite Clermont Auvergne Clermont-Ferrand France*

Monday, December 6, 16:00 - 17:30 UTC

36 FLASH TALKS: SETTING A RESEARCH AGENDA FOR POLITICAL DEMOGRAPHY

Chair: **Jennifer Sciubba**, *Rhodes College*

- 1 Forecasting in Age-Structural Time • Richard P. Cincotta*, *Henry L. Stimson Center*
- 2 Population, Rebellion, and Revolution • Jack Goldstone*, *George Mason University*
- 3 The Demographic Dividend: Positive Prospects, Unclear Path • Elizabeth Leahy Madsen, *Population Reference Bureau (PRB)*; Kaitlyn Patierno*, *Population Reference Bureau*
- 4 A Research Agenda for Youth Policies and Investments • John May*, *George Mason University*
- 5 Demographic Engineering and Strategic Demography • Michael Teitelbaum*, *Labor and Worklife Program, Harvard Law School*
- 6 Health and Demography • Jeremy Youde*, *University of Minnesota in Duluth*

Monday, December 6, 17:00 - 18:30 UTC

P4 POSTER SESSION 4

- 39 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*
- 40 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)*
- 41 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*
- 42 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*
- 43 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)*
- 44 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*
- 45 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)*
- 46 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*
- 47 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*
- 48 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)*
- 49 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)*

50 Housework and Mental Health of Adolescent Girls and Boys in India • Nancy Luke*, *Pennsylvania State University*; Ashley Gibby, *Brigham Young University*

51 Profiles of migrants into Hyderabad Urban agglomeration • Sandhya Srigririraju*, *University Of Hyderabad*

Monday, December 6, 17:00 - 18:30 UTC

P5 POSTER SESSION 5

98 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)*

99 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*

100 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*

101 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*

102 The meaning of bridewealth in 21st century Ghana • Naa Dodua Dodoo*, *University of Ghana*; Charlotte Ofori, *Regional Institute for Population Studies (RIPS)*

103 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*

104 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*

105 Causal pathways between religion and depression in the South African population • Thembelihle Q. Luthuli*, *University of KwaZulu-Natal*

106 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*

107 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*

108 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, University of Southern Denmark*

109 A Capability Approach to Gender Inequality in Reproductive Decision-Making: Case of the Reang Tribe of India • Anindita Sinha*, *The Icfai University Tripura*

110 Social inequalities in healthy longevity in Australia • Kim Xu*, *The Australian National University*; Collin Payne, *Australian National University*

112 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*

113 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*

114 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)*

115 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 Odimwegu, *University of the Witwatersrand*

116 Measuring child poverty from a children's rights perspective • Josue Sauri Garcia*, *El Colegio de Mexico*

117 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)*

Monday, December 6, 18:00 - 19:30 UTC

37 HEALTH AND MORTALITY AMONG MIGRANTS

Chair: **Michel Guillot**, *University of Pennsylvania*

1 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*

2 Empowering the crowd: feasible strategies for epidemic management in high-density informal settlements. The case of COVID-19 in Northwest Syria • Alberto Pascual, *ETH Zurich*; Jordan Klein*, *Princeton University*; Jennifer Villers, *University of Geneva*; Eduard Campillo-Funollet, *University of Sussex*; Chamsy Sarkis, *ASML Syria*

Monday, December 6, 18:00 - 19:30 UTC

38 NEW METHODS AND MEASURES IN URBANIZATION

Chair: **Mark R. Montgomery**, *Population Council*

1 The End of Urban Sprawl? A Swiss Assessment from 1966 to 2018 • Mathias Lerch*, *Ecole polytechnique fédérale de Lausanne (EPFL)*

2 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*

3 Toward a global urbanization analysis for subnational territories by exploring remote sensing-based products • Hamidreza Zoragheini*, *Population Council*; Leiwen Jiang, *Shanghai University and Population Council*

Monday, December 6, 18:00 - 19:30 UTC

39 FERTILITY AND SEXUAL AND REPRODUCTIVE HEALTH: NEW METHODS

Chair: **Suzana M. Cavenaghi**, *Independent Researcher*

1 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*

2 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*

3 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)*

4 Imputation of full birth histories from census data: a rediscovered method for the detailed analysis of fertility • Ian M. Timaeus*, *LSHTM*

Monday, December 6, 20:00 - 21:30 UTC

40 SOCIAL DIFFERENCES AND FERTILITY (II)

Chair: **Feng Wang**, *University of California, Irvine and Fudan University, China*

1 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*

2 A Macro-level Analysis of Non-nationals' Fertility Response to the Great Recession in Italy • Thaís García Pereiro*, *Università degli Studi di Bari "Aldo Moro"*; Anna Paterno, *Università degli Studi di Bari*

3 Fertility Intentions vs. Gender Equity in the Family: A Micro Analysis of the Association in Developed Countries and in Brazil • Victor Leocádio*, *Universidade Federal de Minas Gerais (UFMG)*; Ana Paula Verona, *Universidade Federal de Minas Gerais (UFMG)*; Simone Wajnman, *Cedeplar, UFMG*

4 Who Becomes a Parent While Jobless? On the Importance of Limited Opportunities, the Normalization of Disadvantage, and Migrant Background • 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)*

Monday, December 6, 22:00 - 23:30 UTC

41 SOCIAL DIFFERENCES AND FERTILITY (III)

Chair: **Anastasia J. Gage**, *Tulane University*

1 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*

2 The diversity of fertility trends in Mexico. A theoretical challenge. • Olinca Pérez*, *Inegi*; Maria Eugenia Cosío Zavala, *El Colegio de México*

3 Trends in under-15 fertility in the developing world since the 1960s • Bruno D. Schoumaker*, *Université catholique de Louvain (UCL)*

Tuesday, December 7, 02:00 - 03:30 UTC

1 PRODUCTION AND REPRODUCTION

Chair: **Noriko Tsuya**, *Keio University*

1 Production, reproduction, and the evolution of social organization • Ronald D. Lee*, *University of California, Berkeley*; Cyrus Chu, *Academia Sinica*

2 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*

3 Is Fertility Behavior in Africa Different? • Claus C. Portner*, *Seattle University*

4 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*

Tuesday, December 7, 02:00 - 03:30 UTC

42 IMPACT OF ENVIRONMENTAL FACTORS ON POPULATION HEALTH AND WELLBEING (I)

Chair: **Michael Cameron**, *University of Waikato*

1 Spatial Analysis of Social Vulnerability to Environmental Risks: A Study for China Prefectures in 2000 and 2010 • Xueting Li*, *Asian Demography Research Institute*

2 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)*

3 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*

4 Environmental quality, economic growth, and population changes: Examining Environmental Kuznets Curves for water and air quality in China • Baoqian LV*, *Shanghai University*

5 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*

Tuesday, December 7, 02:00 - 03:30 UTC

43 ESTIMATING IMPACTS OF COVID-19 ON MORTALITY, MORBIDITY, AND SOCIETY

Chair: **Flavia Andrade**, *University of Illinois at Urbana-Champaign*

1 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*

2 Évolution des discours et perceptions sur la vaccination contre la Covid-19 au Canada. Une analyse des données historiques de twitter. • Tchango Ngalié Georges Alain*, *Université de Montréal*; Vissého Adjiwanou, *Université Du Québec à Montréal*

3 Estimating SARS-CoV-2 infections from deaths, confirmed cases, tests, and random surveys • Nicholas Irons*, *University of Washington*; Adrian Raftery, *University of Washington, Seattle*

4 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*

Tuesday, December 7, 04:00 - 05:30 UTC

44 HEALTH AND REPRODUCTIVE HEALTH

Chair: **Chander Shekhar**, *International Institute for Population Sciences (IIPS)*

1 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)*

2 Abortion-related near-miss events in humanitarian crisis contexts: Results from a qualitative study in Jigawa State, Nigeria • Ann M. Moore*, *Guttmacher Institute*; Tamara Fetters, *Ipas*; Timothy Williams, *EpiCentre-Médecins Sans Frontières*; Estelle Pasquier, *Epicentre-Médecins Sans Frontières*; Joy Kantiok, *EpiCentre-Médecins Sans Frontières*; Claire Fotheringham, *Médecins Sans Frontières, OCP*; Onikepe Owolabi, *Vital Strategies*; Laitu Jatau, *EpiCentre-Médecins Sans Frontières*; Bill Powell, *Ipas*; Catrin Schulte-Hillen, *Médecins Sans Frontières*

3 Effect of COVID-19 on birth planning and contraceptive use among married women in urban India: Evidence from nine selected states • Sana Ashrat*, *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)*; Niranjana Saggurti, *Population Council*; Rajib Acharya, *Population Council*

4 Impact of Obesity on Reproductive Functioning • Shreyans Rai*, *IIPS*; Sayeed Unisa, *international Institute for Population Sciences*

5 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*

Tuesday, December 7, 04:00 - 05:30 UTC

45 MIGRATION: DIVERSITY OF CONTEXTS

Chair: **Ellen Percy Kraly**, *Colgate University*

1 Gender and educational differences in internal migration • Guy J. Abel*, *Asian Demographic Research Institute, Shanghai University*; Aude Bernard, *University of Queensland*; Raya Mutarak, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

2 Marriage Migration in India: The Enlargement of Marriage Markets in the Era of Declining Sex Ratios. • Enu Anand*, *International Institute for Population Sciences (IIPS)*

3 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*

4 Cross national comparisons of the drivers of rural-urban migration based on millions of individual census records • Ziyue Huang*, *Shanghai University*

Tuesday, December 7, 04:00 - 05:30 UTC

46 GEOGRAPHIC ANALYSIS OF MORTALITY AND HEALTH

Chair: **Bernardo L. Queiroz**, *Universidade Federal de Minas Gerais*

1 Age and sex difference in widowhood mortality in India. • Babul Hossain*, *International Institute for Population Sciences (IIPS)*; Kuriath James

2 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)*

3 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*

4 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*

5 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*; Saddaf 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*

Tuesday, December 7, 06:00 - 07:30 UTC

47 MORTALITY IN LOW- AND MIDDLE-INCOME COUNTRIES

Chair: **Géraldine Duthé**, *Institut National d'Études Démographiques (INED)*

1 Is gender gap in childhood mortality disappeared in India? Trends over past 25 years • Abhishek Kumar*, *International Institute for Population Sciences (IIPS)*

2 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)*

3 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*

4 Maternal Education and Infant Mortality Decline: The Evidence from Indonesia, 1980–2015 • J. Jona Schellekens*, *Hebrew University of Jerusalem*

Tuesday, December 7, 06:00 - 07:30 UTC

48 MIGRATION, SPACE AND ENVIRONMENT

Chair: **James O'Donnell**, *Australian National University*

1 A demographic perspective on environmental and climate change and population displacement • Mohammad Jalal Abbasi-Shavazi*, *The University of Tehran*; Ellen Percy Kraly, *Colgate University*

2 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, Xi'an Polytechnic University*; Huijun Liu, *Xi'an Jiaotong University*

3 Relating Spatial integration and Other Aspects of Immigrant integration using Australian data • Qing Guan*, *Australian National University*

4 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*

Tuesday, December 7, 06:00 - 07:30 UTC

49 PARITY AND PARENTHOOD

Chair: **Baochang Gu**, *Center for Population and Development Policy Studies, Fudan University*

1 Union Formation and Transition to Parenthood: Comparison of Finnish Women born in the 1970s, 1980s and 1990s • Leen Rahnu*, .; Marika Jalovaara, *University of Turku*

2 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*

- 3 The stories behind postponing motherhood: A Qualitative Insight From Advance Aged Mothers in Mumbai
• Aishwarya*, *International Institute for Population Sciences (IIPS), Mumbai*

Tuesday, December 7, 08:00 - 09:30 UTC

50 MIGRANT HEALTH

Chair: **Grace Cruz**, *University of the Philippines Population Institute*

- 1 Examining the “Healthy Immigrant Paradox” in perinatal outcomes. Evidence from perinatal surveys in France
• Tatiana Eremenko*, *UNED, Spain*
- 2 Factors Associated with Depression among Young Female Migrants in Ethiopia • Annabel S. Erulkar*,
Population Council; Girmay Medhin, Addis Ababa University
- 3 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*
- 4 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*
- 5 Cognitive Health of Middle-Aged and Older Migrants: Russians in Estonia Compared with Russians in Russia and Estonians • Luule Sakkeus, *Tallinn University; Lilli Abuladze*, Estonian Institute for Population Studies, Tallinn University; Elena Selezneva, Higher School of Economics; Oxana Sinyavskaya, National Research University Higher School of Economics and Universiteit Maastricht*

Tuesday, December 7, 08:00 - 09:30 UTC

51 POPULATION AGEING, POPULATION DECLINE AND MIGRATION

Chair: **Aude Bernard**, *University of Queensland*

- 1 Depopulation as a new population policy challenge • Wolfgang Lutz*, *Wittgenstein Centre; Nicholas Gailey, University of Vienna*
- 2 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*
- 3 Would Sustained Immigration Prevent Long-Run Population Decrease in European Countries? • Nick Parr*, *Macquarie University*

Tuesday, December 7, 08:00 - 09:30 UTC

52 SPATIAL AND SOCIOECONOMIC DETERMINANTS OF CHILD HEALTH

Chair: **Allan G. Hill**, *University of Southampton*

- 1 Identifying Geographical Heterogeneity of Under-five Child Nutritional Status in Indian Districts
• Monirujjaman Biswas*, *Jawaharlal Nehru University*
- 2 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, Institut Supérieur des Sciences de la Population/Université Joseph Ki-Zerbo; 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*
- 3 Geographic Disparities in Acute Respiratory Tract Infections among Children in South Africa • Sindiso Ndlovu*,
University of Witwatersrand; Clifford O. Odimegwu, University of the Witwatersrand
- 4 Alcoolisation ponctuelle importante des parents et santé des enfants au Cameroun • Francklin Teongmo Nzoym*,
Université de Maroua; Mondjeli Mwa Ndjokou, Université de Yaoundé II
- 5 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

Tuesday, December 7, 08:00 - 09:30 UTC

53 CORRELATES OF INFERTILITY AND ASSISTED REPRODUCTION

Chair: **Sayed Unisa**, *International Institute for Population Sciences*

1 The impact of assisted reproduction on fertility trends in the Czech Republic • Jirina Kocourkova*, *Charles University In Prague*; Anna Štastná, *Charles University, Prague*; Boris Burcin, *Charles University in Prague*; Ludek Sidlo, *Charles University, Prague*

2 A dyadic approach to the study of perceived infertility and contraceptive use • Ester Lazzari*, *Australian National University*; Edith E. Gray, *Australian National University*

3 Contraceptive use and reproductive outcomes in India according to indirectly measured fecundity: A First Birth Interval approach. • José Antonio Ortega*, *Universidad de Salamanca, Spain*

Tuesday, December 7, 08:00 - 09:30 UTC

54 INTERGENERATIONAL AND SOCIAL SUPPORT AMONG OLDER PERSONS

Chair: **Reiko Hayashi**, *National Institute of Population and Social Security Research, Japan*

1 Intergenerational solidarity, social participation and psychological wellbeing of the elderly in India • Shrestha Saha*, *National University of Singapore*

2 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*

3 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)*

Tuesday, December 7, 08:00 - 09:30 UTC

55 LIFE COURSE APPROACHES TO THE TRANSITION TO ADULTHOOD

Chair: **Ann Evans**, *Australian National University*

1 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*

2 Early life course decisions of Central and Eastern Europeans: a gendered connection between family formation and moving intentions? • Vytenis Juozas Deimantas*, *Università Bocconi*

3 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*

4 The transition to adulthood of Russian migrants in Estonia – An origin-destination comparison • Katrin Schwanitz*, *Tallinn University*

Tuesday, December 7, 08:00 - 09:30 UTC

56 RESEARCH LEADER SESSION - AGEING IN INDIA: EMERGING ISSUES AND CHANGES BASED ON LASI (SPONSORED BY THE INTERNATIONAL INSTITUTE FOR POPULATION SCIENCES -IIPS)

Chair: **K.S. James**, *International Institute for Population Sciences*

1 David E. Bloom*, *Harvard University*

2 Sanjay Kumar*, *United Nations Population Fund (UNFPA)*

3 Jinkook Lee*, *University of Southern California*

4 T.V. Sekher*, *IIPS*

Tuesday, December 7, 09:00 - 10:30 UTC

P6 POSTER SESSION 6

68 The different forms of dowry in Egypt • Christoph Buehler*, *Leibniz Universität Hannover*

69 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*

70 Gendered Mortality Differentials in Iganga and Mayuge Health and Demographic Surveillance Site in Uganda (2007-2016) • Gilbert Habaasa*, *Population and Development Consult*

- 71 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)*
- 72 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)*
- 73 Workforce elasticity neutralises demographic ageing's impact on the economy • Jane O'Sullivan*, *School of Agriculture and Food Sciences, The University of Queensland*
- 74 Socio-Economic Reintegration of the Gulf Returnees in Villages of the Murshidabad District, India. • Snigdha Banerjee*, *International Institute for Population Sciences (IIPS)*
- 75 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)*
- 76 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)*
- 77 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*
- 78 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*
- 79 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*
- 80 Weathering the Storm: The Effects of Working from Home and Income Loss on Spousal and Mother-Child Relationships During COVID-19 • Jeremy W Lim-Soh*, *National University of Singapore*; Poh Lin Tan, *National University of Singapore*
- 81 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*
- 82 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*
- 83 Socio-Demographic Determinants of Non-Communicable Diseases in Assam, India • Aakanksha Agarwala*, *Gauhati University*; Dr Manab Deka, *ARYA VIDYAPEETH COLLEGE, GAUHATI UNIVERSITY*
- 84 Paternity Leave, Family Dynamics, and Children's Behavior • Nanxun Li*, *National University of Singapore*; Wei-Jun Yeung, *National University of Singapore*
- 85 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*
- 86 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)*
- 87 Trends in educational profiles of male lone parents. Evidence from Belgium (1990-2018) • Luisa Fadel*, *UCLouvain*; Christine Schnor, *UCLouvain*; Diederik Boertien, *Centre d'Estudis Demogràfics (CED)*
- 88 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)*
- 89 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*
- 90 Elderly Migration in India: Pattern, Characteristics and their Reasons for Migration • Vasim Ahamad*, *International Institute for Population Sciences (IIPS)*
- 91 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*

Tuesday, December 7, 10:00 - 11:30 UTC

57 KEY FACTORS INFLUENCING FAMILY PLANNING AND MATERNAL HEALTH SERVICES IN INDIA

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*; Vandna 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*

Tuesday, December 7, 10:00 - 11:30 UTC

58 INVITED SESSION - LOW FERTILITY: TRENDS, POLICIES AND POLITICS

Chair: **Alanna Armitage**, *UNFPA*

- 1 Wanda Cabella*, *Universidad de la Republica*
- 2 Stuart Gietel-Basten*, *The Hong Kong University of Science and Technology*
- 3 Peter McDonald*, *University of Melbourne*
- 4 Tomas Sobotka*, *Vienna Institute of Demography*

Tuesday, December 7, 10:00 - 11:30 UTC

59 COUNTING AND CLASSIFYING POPULATIONS

Chair: **Tom A. Moultrie**, *University of Cape Town*

- 1 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*
- 2 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*
- 3 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*
- 4 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*
- 5 Fixing South African household survey data to consistently count people and households • Amy Thornton*, *University of Cape Town*; Martin Wittenberg, *University of Cape Town*

Tuesday, December 7, 10:00 - 11:30 UTC

60 PATTERNS OF UNION FORMATION AROUND THE WORLD

Chair: **Gerda R. Neyer**, *Stockholm University*

- 1 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)*
- 2 Educational expansion and marriage change in Thailand • Premchand Dommaraju*, *Nanyang Technological University*; Shawn Wong, *Nanyang Technological University*

3 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)*

Tuesday, December 7, 10:00 - 11:30 UTC

61 DEMOGRAPHIC DIVIDEND AND DEVELOPMENT

Chair: **Andrew Mason**, *University of Hawaii At Manoa*

1 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*

2 Demographic Change and Private Savings in India • NEHA JAIN*, *Jawaharlal Nehru University*; Srinivas Goli

3 Demographic Dividend and Economic Growth in India: Evidence and Policy Implications • Abhishek Kumar*, *IEG*; William Joe, *Delhi University Enclave*

4 Institutionalization of demographic dividend programming in Nigeria: Evidence from the preparation of the roadmaps at the national and sub-national levels • Olanrewaju Olaniyani, *University of Ibadan*; Akanni Lawanson, *University of Ibadan*; Noah Olasehinde*, *University of Ibadan*; Olabanji Awodumi, *University of Ibadan*; Oyeteju Odufuwa, *University of Ibadan*; Temitope Faronbi, *University of Ibadan*; Osaretin Adonri, *United Nations Population Fund (UNFPA)*; Andat Dasogot, *United Nations Population Fund (UNFPA)*

5 Intergenerational transfers around the world: introducing a new visualization tool • Lili Vargha*, *Humboldt University of Berlin*; Bernhard Hammer, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*

Tuesday, December 7, 11:00 - 12:30 UTC

P7 POSTER SESSION 7

107 Temporal Patterns and Regional Variation in Expectation of Life at Birth in India: 1998-2017 • Aalok Chaurasia*, *Shyam Institute*

108 Model Life Tables for Ethiopia: Using modified Brass logit system • Hailay Gebreegziabiher, *Please complete*; Krishna Ponnappalli*, *Mekelle University*

109 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*; Pranita Achyut, *Icrw*

110 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*

111 Entangling the Economic impact of disease on Households in India • Srikanth Reddy Umenthala*, *International Institute for Population Sciences (IIPS)*

112 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)*

113 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)*

114 Income and Health Inequality in India: A State-level Analysis • Sripriya Reddy Medipally*, *Jawaharlal Nehru University*

115 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*

116 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*

- 117 Epidemiological transition of urban Maharashtra in India since the 1990s: A Revisit • Babul Hossain*, *International Institute for Population Sciences (IIPS)*; Srinivas Goli
- 118 Emergency Obstetric Complications; a risk of maternal health outcomes in India • Komal Gajbhiye*, *International Institute for Population Sciences (IIPS)*
- 119 The burden of cardiovascular disease among older adults in the states of India, 2017-18 • Jhumki kundu*, *International Institute For Population Sciences, Mumbai*
- 120 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*
- 122 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)*
- 123 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*
- 124 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 Wisniowski, *University of Manchester*; Purva Yadav, *Jawaharlal Nehru University*
- 125 Health Insurance Coverage and Sociodemographic Patterns in South Africa and Nigeria: a comparative cross-sectional study • Monica Akokuwebe*, *North-West University*
- 126 Heterogenous trajectories of depressive symptoms among South African men: Evidence from Latent Growth Mixture Modelling • Marifa Muchemwa*, *University of The Witwatersrand*; Clifford Odimegwu, *University of the Witwatersrand*
- 127 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)*

Tuesday, December 7, 12:00 - 13:30 UTC

62 COVID-19 AND MIGRATION

Chair: **Fernando Lozano-Ascencio**, *Latin American Population Association (ALAP) and Universidad Nacional Autónoma de México*

- 1 Illegal Migration, Refugees & COVID- 19 in India: A perspective of Demographic and Health Vulnerabilities • Naresh Kumar*, *Central University of Gujarat*
- 2 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*
- 3 Risk of COVID-19 Infection among Refugees in Uganda: A case study of Nakivaale Refugee Camp • Elizabeth Nansubuga*, *Makerere University*
- 4 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*
- 5 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*; Carolina Moulin, *Centre for Regional Development and Planning (CEDEPLAR), Federal University of Minas Gerais (UFMG)*

Tuesday, December 7, 12:00 - 13:30 UTC

63 TIMING AND CHILDBEARING

Chair: **Maria Letizia Tanturri**, *University of Padova*

- 1 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)*
- 2 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, *University of Oxford*
- 3 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*

Tuesday, December 7, 12:00 - 13:30 UTC

64 DIFFERENT PATHWAYS TO RESIDENTIAL AND NON-RESIDENTIAL PARTNERSHIPS

Chair: **Dana Hamplova**, *Academy of Sciences of the Czech Republic and Charles University in Prague*

- 1 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)*
- 2 Living apart together in Spain. Different meanings according to life stage: Choice or constraints? • Momoko Nishikido*, *Center for Demographic Studies (CED), Barcelona*; Teresa Castro Martin, *Consejo Superior de Investigaciones Científicas (csic)*
- 3 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*
- 4 Les caractéristiques de la rencontre : une analyse comparative entre les couples de même sexe et les couples de sexe différent. • Mailys Goetschy*, *Université Marc Bloch, Strasbourg*; Philippe Cordazzo, *Université de Strasbourg*

Tuesday, December 7, 12:00 - 13:30 UTC

65 FACTORS INHIBITING CONTINUITY IN CONTRACEPTIVE USE

Chair: **Leela Visaria**, *Gujarat Institute of Development Research*

- 1 Do fertility preferences contribute to explaining fertility stalls in sub-Saharan Africa? Evidence from 6 countries • David Sánchez Páez*, *Université Catholique de Louvain*; Bruno D. Schoumaker, *Université catholique de Louvain (UCL)*
- 2 Exploring the importance of method information index on early discontinuation of intrauterine contraceptive device in India using classification and regression tree analysis of survival data • Rajaram Subramanian Potty*, *Karnataka Health Promotion Trust*; Jayachandran A A, *Avenir Health (Track20 India Project)*; AG Khan, *Government First Grade College & Post Graduate Centre*
- 3 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*

Tuesday, December 7, 12:00 - 13:30 UTC

66 VULNERABLE POPULATIONS AT RISK

Chair: **Andrew J. Tatem**, *University of Southampton*

- 1 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)*
- 2 Association of consumption poverty and multidimensional poverty in India: a district-level spatial analysis • Guru Vasishta*, *International Institute for Population Sciences (IIPS)*; Sanjay K Mohanty, *International Institute for Population Sciences (IIPS)*

3 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*

Tuesday, December 7, 12:00 - 13:30 UTC

67 RESEARCH LEADER SESSION: YOUTH MIXED MIGRATION IN GATEWAY CITIES (SPONSORED BY UNFPA)

Chair: **Sandile Simelane**, *United Nations Population Fund (UNFPA)*

Discussant: **Fall Demba**, *University Cheikh Anta Diop*

1 Overview of the UNFPA-DRC Youth Mixed Migration Project • Helene Syed Zwick*, *Mixed Migration Project Coordinator in UNFPA, WCARO*

2 Youth, Livelihoods and Fragility in West Africa • Olawale Ismail*, *King's College, London*

3 Detailed Insights on Youth Mixed Migration in Niamey, Niger • Abdoulaye Idrissa Boukary*, *Institut National de la Statistique (INS), Niger*

Tuesday, December 7, 12:00 - 13:30 UTC

68 RESEARCH LEADER SESSION - NATIONAL AND SUBNATIONAL INVESTIGATION OF THE DRIVERS OF SUCCESS IN MATERNAL AND NEW BORN MORTALITY REDUCTION IN INDIA; EXEMPLARS IN GLOBAL HEALTH (SPONSORED BY INDIA HEALTH ACTION TRUST)

1 Overview of the Study: Conceptual Framework, Methods and Key Findings • Ties Boerma*, *University of Manitoba*; Himanshu Bhushan, .

2 Disaggregating India's Mortality Declines: Timing, Causes and Related Factors • Usha Ram*, *International Institute for Population Sciences (IIPS)*

3 Intervention coverage and equity trends and impact on mortality • BM Ramesh*, *University of Manitoba*

4 Health Program and Service Drivers: How was Implementation Strengthened? • Andrea Blanchard*, *University of Manitoba, Winnipeg, Canada*

5 Macro-level contextual, policy & health systems drivers: what did India do to improve MNH and in what context? • Kerry Scott*, .

6 Summary and way forward • James Blanchard*, *University of Manitoba*

Tuesday, December 7, 13:00 - 14:30 UTC

P8 POSTER SESSION 8

42 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)*

43 Potency of religious influence on sexual infidelity among women and men in union in Ghana and Nigeria • Onipede Wusu*, *Lagos State University*

44 Reducing maternal mortality due to unsafe abortion: the Ghana paradox • Samuel Antobam*, *Ipas Ghana*; Ebo Essilfie-Amoah, *Memorial University of Newfoundland*

45 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)*

46 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*

47 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*

48 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)*

- 49 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*
- 49 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*
- 50 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 Ansa, *Institute of Health Research, University of Health and Allied Sciences*; Anthony Ofori, *Ghana Health Service*
- 51 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.*
- 52 Household wealth relative to community wealth: Associations with maternal and reproductive health • Sara Riese*, *ICF Macro*; William Winfrey, *Avenir Health*
- 53 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, *GRADE AFRICA*
- 54 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*
- 55 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, *Universidade Federal de Minas Gerais*
- 56 Age at First Marriage in India: A history of 25 years • Mayank Singh*, *International Institute for Population Sciences (IIPS)*
- 57 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)*
- 58 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)*
- 60 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*; Jarvis Campos, *UFRN*

Tuesday, December 7, 14:00 - 15:30 UTC

69 IUSSP PANEL SESSION: THE IMPLICATIONS OF GLOBAL PANDEMICS FOR INTERNATIONAL MIGRATION AND MIGRATION RESEARCH

Chair: **Ellen Percy Kraly**, *Colgate University*

- 1 Marcela Cerrutti*, *Centro de Estudios de Población (CENEP)*
- 2 Diego Iturralde*, *Statistics SA*
- 3 Susan Martin*, *Georgetown University*

4 Douglas S. Massey*, *Princeton University*

5 Raya Muttarak*, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

Tuesday, December 7, 14:00 - 15:30 UTC

70 JOINT POPULATION ASSOCIATIONS SESSION: COVID-19 AND EARLY ACADEMIC CAREER

Chair: **Helga A. G. de Valk**, *Netherlands Interdisciplinary Demographic Institute (NIDI) / KNAW/ University of Groningen*

1 Perspectives from Asia • Flora Aninditya*, *Universitas Indonesia*

2 Perspectives from North America • Stephanie Hernandez*, *University of North Carolina – Chapel Hill*

3 Perspectives from Latin America • Igor Johansen*, *University of Campinas*

4 Perspectives from Africa • Felly Kinziunga Lukumu*, *Université Catholique de Louvain*

5 Perspectives from Europe • Gusta Wachter*, *Netherlands Interdisciplinary Demographic Institute (NIDI)/KNAW/University of Groningen*

Tuesday, December 7, 14:00 - 15:30 UTC

71 BARRIERS TO CONTRACEPTIVE USE

Chair: **Jamaica Corker**, *The Bill & Melinda Gates Foundation*

1 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)*

2 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*

3 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*

Tuesday, December 7, 14:00 - 15:30 UTC

72 FERTILITY, DEMOGRAPHIC DIVIDEND, AND DEVELOPMENT

Chair: **Nkechi Owoo**, *University of Ghana*

1 Farms, Enterprises, and Productivity: Evidence from an Early-Childhood Intervention • Tania Barham, *University of Colorado Boulder*; Randall Kuhn, *University of California, Los Angeles*; Brett McCully*, *Collegio Carlo Alberto*; Patrick Turner, *University of Notre Dame*

2 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*

3 Does Development Lead to Happiness? • Nagendra Maurya*, *Lucknow University*; Karuna Shanker Kanaujiya, *University of Lucknow*

Tuesday, December 7, 14:00 - 15:30 UTC

73 GENDER-BASED SEXUAL VIOLENCE

Chair: **Sunita Kishor**, *ICF International*

1 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*

2 Safer if connected? Mobile technology and intimate partner violence • Luca Maria Pesando*, *McGill University*

3 Vulnerabilities and Strengths of Mexican Homosexual Adolescents Facing the Risk of Dating Violence • Irene Casique Rodríguez*, *Universidad Nacional Autónoma de México*

4 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*

Tuesday, December 7, 14:00 - 15:30 UTC

74 LABOUR MARKET POSITION AND ECONOMIC EFFECTS OF MIGRATION

Chair: **Victoria Prieto Rosas**, *Universidad de la Republica*

1 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*

2 Labor market integration of immigrant mothers in Germany • Chia Liu*, *University of St. Andrews*; Hill Kulu, *University of St Andrews*

3 Partnership, fertility, and employment trajectories of immigrants in the UK: A three-channel sequence analysis • Julia Mikolai*, *University of St Andrews*; Hill Kulu, *University of St Andrews*

4 Dis-aggregating inequalities in the career outcomes of international medical graduates in the United States • Rebecca Schut*, *University of Pennsylvania*

Tuesday, December 7, 14:00 - 15:30 UTC

75 SOCIAL TIES, FAMILY REUNIFICATION, AND HOUSING CONDITIONS AMONG INTERNATIONAL MIGRANTS

Chair: **Mohammad Jalal Abbasi-Shavazi**, *The University of Tehran*

1 "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*

2 Social Trust and Migration Aspirations in Iran • Rasoul Sadeghi*, *Tehran University*; Maryam Rezaei, *PhD Student of Demography, University of Tehran*; Gholamreza Ghaffari, *Associate Professor of Sociology, University of Tehran*

3 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)*

4 Occupational Mobility among the Gulf Return Migrants in Murshidabad District, West Bengal. • Snigdha Banerjee*, *International Institute for Population Sciences (IIPS)*

5 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*

Tuesday, December 7, 15:00 - 16:30 UTC

P9 POSTER SESSION 9

0 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*

1 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 Fetters, *Ipas*; Ernestina E. Coast, *London School of Economics and Political Science (LSE)*

2 Exploring user-centered counseling in contraceptive decision-making: evidence from a field experiment in urban Malawi • Mahesh Karra*, *Boston University*; Kexin Zhang, *Boston University*

3 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*

4 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

5 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*

6 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*

7 Family planning among blended Somali women in Nairobi City, Kenya. • Eliphaz Makunyi*, *Kenyatta University*

8 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)*

9 From the Stork to Fertility Apps • Rampazzo Francesco, *Oxford University*; Alyce Raybould*, *University College London*; Pietro Rampazzo, *Technical University of Denmark*; Ross Barker, *Wittgenstein Centre for Demography and Global Human Capital*

10 Connaissance des méthodes contraceptives chez les jeunes et les adolescents au Niger • Souleymane Garba*, *L'Initiative OASIS Niger*; Salissou Malam Souley, *Grade Africa*; Illiassou Chaibou Halidou, *Initiative OASIS Niger*

11 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*

12 Analyse du choix de contraception moderne en Afrique. Une approche par l'indice de contraception mixte. • Tchango Ngale Georges Alain*, *Université de Montréal*

13 Effects of condom availability in contraceptive use: a field experiment in a hostel in Lima • Ignacio Franco Vega*, *University of Bath*

14 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*

15 Bridewealth payment and condom negotiation self-efficacy of married and cohabiting women in Ghana • Charlotte Ofori*, *Regional Institute for Population Studies (RIPS)*; Naa Dodua Doodoo, *University of Ghana*; Adriana A. Biney, *Regional Institute for Population Studies (RIPS)*; Francis Doodoo, *Pennsylvania State University*

16 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 S. Speizer, *University of North Carolina at Chapel Hill*

17 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*

18 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*

Tuesday, December 7, 16:00 - 17:30 UTC

76 ABORTION AS A PROGRAMME AND POLICY PRIORITY

Chair: **Ann Biddlecom**, *Guttmacher Institute*

1 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)*

2 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*

3 Son Preference and prenatal sex-selection in the UK: New evidence, and policy. • Sylvie Dubuc*, *University of Reading*

4 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*

5 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*

Tuesday, December 7, 16:00 - 17:30 UTC

77 MARRIAGE AND OTHER SOCIAL DETERMINANTS OF FERTILITY

Chair: **Nathalie Mondain**, *University of Ottawa*

1 Unrealized Fertility and Financial Resources in Contemporary China • Chenyao Zhang*, *Ohio State University*

2 Why do women delay childbearing in Mumbai? An exploration into the reasons of delay • Aishwarya*, *International Institute for Population Sciences (IIPS), Mumbai*; Perianayagam Arokiasamy, *International Institute for Population Sciences (IIPS)*

3 Polygyny and fertility: Continuity or change in sub-Saharan Africa • Sophia Chae*, *University of Montreal*; Victor Agadjanian, *University of California, Los Angeles*

4 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*; Maté Labité*, *Université de Ouagadougou*

Tuesday, December 7, 16:00 - 17:30 UTC

78 CONSEQUENCES OF COVID-19 ON FAMILY LIFE AND STRUCTURE

Chair: **Ridhi Kashyap**, *University of Oxford*

1 Familial consequences of the Covid-19 in Québec: comparison between immigrants and natives • Vissého Adjivanou*, *Université Du Québec à Montréal*; Solène Lardoux, *Université de Montréal*

2 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)*

3 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*

4 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*

Tuesday, December 7, 16:00 - 17:30 UTC

79 PEOPLE AT RISK: ENVIRONMENTAL HAZARDS AND POPULATION VULNERABILITY

Chair: **Gouranga Dasvarma**, *Flinders University*

1 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*

2 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)*

3 Large hydropower dams' construction, population mobility and malaria in the Amazonian Brazil • Igor Johansen*, *University of Campinas*; Emilio F. Moran, *Indiana University*

4 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'Haïti*; Michelet Clerveau, *Université d'Etat d'Haïti*; Sabine J. F. Henry, *University of Namur*

Tuesday, December 7, 16:00 - 17:30 UTC

80 INNOVATIONS IN METHODOLOGY

Chair: **Patrick Gerland**, *United Nations Population Division*

1 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*

2 Forecasting vital rates from demographic summary measures • Carlo Giovanni G. Camarda*, *Institut National d'Études Démographiques (INED)*; Jose Manuel Aburto, *University of Oxford*

3 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*

Tuesday, December 7, 16:00 - 17:30 UTC

81 RESEARCH LEADER SESSION: NEW RESOURCES: POPULATION DATA PLATFORMS (SPONSORED BY UNFPA)

Chair: **Lorant Czarán**, *UN Office for Outer Space Affairs*

Discussant: **John R. Wilmoth**, *United Nations Population Division*

Discussant: **Alexandre Caldas**, *UNEP and Chair of of UN Geospatial Network*

1 George Alter*, *University of Michigan*

2 David Kerr*, *University of Southampton*

3 Molla Hunegnaw Asmare*, *UNFPA*

4 Rolando Ocampo*, *ECLAC CEPALSTAT Platform*

5 Mengjia Liang*, *UNFPA*

6 Linda Peters*, *Esri*

Tuesday, December 7, 16:00 - 17:30 UTC

82 IUSSP PANEL ROUND TABLE: IS RISING INEQUALITY ACCEPTABLE IF IT COINCIDES WITH POVERTY REDUCTION?

Chair: **Jocelyn E. Finlay**, *Harvard University*

1 Anda David*, *Agence Française de Développement (AFD)*

2 Murray Leibbrandt*, *University of Cape Town*

3 Kanika Mahajan*, *Ashoka University*

4 Marcelo Neri*, *Fundação Getúlio Vargas (FGV)*

5 Nkechi Owoo*, *University of Ghana*

Tuesday, December 7, 17:00 - 18:30 UTC

P10 POSTER SESSION 10

- 93 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*
- 94 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*
- 95 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)*
- 96 The countervailing effects of tv ownership on bmi and body image among women in eastern Ghana • Marianne Paul*, *McGill University*
- 97 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)*
- 98 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*
- 99 Do tenants suffer from status syndrome? Homeownership, norms and suicide in Belgium. • Joan Damiens*, *UCLouvain, FNRS-FRS*; Christine Schnor, *UCLouvain*
- 100 Demographic and socioeconomic profile of severely ill and disabled children in South Africa • Nwabisa Mona*, *University of Kwazulu Natal*
- 101 Etude écologique 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)*
- 102 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)*
- 103 Trends in Female Labour force participation in India: The Role of Demographic Factors. • Rishabh Tyagi*, *Max Planck Institute for Demographic Research (MPIDR)*; Kuriath James
- 104 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)*
- 105 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*
- 106 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*
- 107 Who Wears the Crown? Biomarkers and Anthropometric Indices Prediction of Cardiometabolic Diseases among Adults in Malawi • Sally Sonia Simmons*, *London School of Economics and Political Science (LSE)*
- 108 Dynamics of life expectancy change during the transition from communism in the Western Balkan • Dijana Spasenoska*, *London School of Economics*

Tuesday, December 7, 18:00 - 19:30 UTC

83 DATA AND METHODS: A MEDLEY OF PERSPECTIVES

Chair: **Bruno D. Schoumaker**, *Universite catholique de Louvain (UCL)*

- 1 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*

2 Power and process: women's influence in the process of decision-making in Ghana • Naa Dodoo*, *University of Ghana*; Francis Dodoo, *Pennsylvania State University*

3 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*

4 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)*

5 Is NRR time-sensitive in measuring population replacement level? • Arni Rao*, *Medical College of Georgia*

Tuesday, December 7, 18:00 - 19:30 UTC

84 LONGEVITY IN PERSPECTIVE

Chair: **Laura L. R. Rodriguez Wong**, *Federal University of Minas Gerais, CEDEPLAR*

1 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)*; Jacques Vallin, *Institut National d'Études Démographiques (INED)*; Michel Poulain, *Université catholique de Louvain (UCL)*

2 Best-practice healthy life expectancy vs life expectancy: catching up or lagging behind? • Iñaki Permanyer*, *Centre for Demographic Studies and ICREA*; Sergi Trias-Llimós, *Centre d'Estudis Demogràfics*; Jeroen Spijker, *Centre d'Estudis Demogràfics (CED)*

3 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 and ICREA*; Sergi Trias-Llimós, *Centre d'Estudis Demogràfics*

4 Female-Male Relationship in Lifespan Variation • Serena Vigezzi*, *Interdisciplinary Centre on Population Dynamics, University of Southern Denmark*; Virginia Zarulli, *University of Southern Denmark - Interdisciplinary Center on Population Dynamics*; Jesus-Daniel Zazueta Borboa, *Netherlands Interdisciplinary Demographic Institute*

Tuesday, December 7, 18:00 - 19:30 UTC

85 EUROPEAN FERTILITY: RECENT FINDINGS

Chair: **Tomas Sobotka**, *Vienna Institute of Demography*

1 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*

2 Two Decades of Fertility Fluctuation in Great Britain • Hill Kulu*, *University of St Andrews*; Bernice Kuang, *University of Southampton*; Ann M. Berrington, *University of Southampton*

3 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*

4 Forward looking and fertility in Germany. A dyadic approach. • Daniela Bellani*, *University of Bologna*; Steffen Peters, *Max Planck Institute for Demographic Research*; Daniele Vignoli, *University of Florence*

5 Partnership dynamics and the fertility gap between Sweden and Spain • Momoko Nishikido*, *Center for Demographic Studies (CED), Barcelona*; Qi Cui, *Center for Demographic Studies*; Albert Esteve, *Center for Demographic Studies (Barcelona)*

Tuesday, December 7, 20:00 - 21:30 UTC

86 GENDER, CARE AND HEALTH

Chair: **Simone Wanjman**

1 "Blessed with only daughters": Gender composition of children and life satisfaction among the elderly in India • Isha Bhatnagar*, *Cornell University*

2 The Feminization of Migration and Mental Health of Older Parents Left Behind: Evidence from Indonesia
• Sneha Kumar*, *Cornell University*

3 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, *Institute for Social and Economic Research (ISER) - University of Essex*; Emily Grundy*, *University of Essex*

Tuesday, December 7, 20:00 - 21:30 UTC

87 COMMUNICABLE DISEASES IN THE AMERICAS

Chair: **Andrew Noymer**, *University of California, Irvine*

1 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*

2 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)*

3 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*

4 Age structure and malaria rates in the Legal Amazon: a demographic perspective • Vinicius Maia, *NEPO*; Natália M. Arruda, *Federal Institute of São Paulo*; Carlos Beluzo*, *Universidade Estadual de Campinas (UNICAMP)*; Bianca Cechetto Carlos, *NEPO*; Luciana C. Alves, *University of Campinas (UNICAMP)*

Tuesday, December 7, 22:00 - 23:30 UTC

88 DEMOGRAPHIC TRENDS: ESTIMATES AND PROJECTIONS

Chair: **Vladimir Canudas-Romo**, *Australian National University*

1 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*

2 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*

3 Do Recent Trends in Total Fertility Mean European Countries and Australia Are Facing Population Decline?
• Nick Parr*, *Macquarie University*

4 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*

5 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)*

6 Integrating expert opinions and data to estimate and forecast international migration • Arkadiusz Wisniowski*, *University of Manchester*

Wednesday, December 8, 02:00 - 03:30 UTC

89 HEALTH AND FERTILITY

Chair: **Terence H. Hull**, *ANU*

1 Levels and trends in infertility and childlessness • Sara Riese*, *ICF Macro*

2 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*

3 Access to Ovulation Monitoring and Strategic Timing of Sexual Activity in a Low-Fertility Setting • Poh Lin Tan*, *National University of Singapore*

4 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*

5 Traditional supports and contemporary disruptors of high fertility desires 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*

Wednesday, December 8, 02:00 - 03:30 UTC

90 KEYNOTE: SIX WAYS POPULATION CHANGE WILL AFFECT GLOBAL ECONOMY

Chair: **Thomas LeGrand**, *University of Montreal*

Discussant: **Aris Ananta**, *Universitas Indonesia*

1 Six ways population change will affect the global economy • Andrew Mason*, *University of Hawaii At Manoa*; Ronald D. Lee, *University of California, Berkeley*

Wednesday, December 8, 04:00 - 05:30 UTC

91 SOCIAL DIFFERENCES AND FERTILITY

Chair: **Yen-hsin Alice Cheng**, *Academia Sinica*

1 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*

2 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)*

3 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)*

Wednesday, December 8, 04:00 - 05:30 UTC

92 COGNITIVE HEALTH AND OLDER ADULTS

Chair: **Enrique Acosta**, *Max Planck Institute for Demographic Research (MPIDR)*

1 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*

2 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*

3 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)*

4 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*

Wednesday, December 8, 04:00 - 05:30 UTC

93 HUMAN CAPITAL, LABOUR, STANDARD OF LIVING AND INEQUALITY

Chair: **Parfait Eloundou-Enyegue**, *Cornell University*

1 Quantification of creativity and related limitations: Evidence collected from school going adolescents • Safrin Begum*, *International Institute for Population Sciences (IIPS)*

2 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)*

3 A Dynamic Labor Utilization Framework: Setting the Under-employment Threshold • Gilbert Montcho*, *Université de Montréal*; Yves Carrière, *Université de Montréal*

Wednesday, December 8, 06:00 - 07:30 UTC

94 EXPLORING HYPOTHESES OF NUTRITIONAL STATUS AND NON-COMMUNICABLE DISEASES

Chair: **Natalia Tumas**, *Pompeu Fabra University*

- 1 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*
- 2 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)*
- 3 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*
- 4 Cardiovascular disease (CVD) and its associated risk factors among older adults in India: evidence from LASI Wave 1 • Jhumki kundu*, *International Institute For Population Sciences, Mumbai*; K. S. James, *International Institute for Population Sciences*; MRINMOY BHARADWAZ

Wednesday, December 8, 06:00 - 07:30 UTC

95 MATERNAL HEALTH CARE AND ASSOCIATED NEEDS

Chair: **Madhumita Das**, *Freelance Consultant*

- 1 Quality of Antenatal 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*
- 2 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*
- 3 Prevalence and Correlates of Infertility among Rural Women in India- A Mixed-method Approach • Shraboni Patra*, *International Institute for Population Sciences (IIPS)*; Sayeed Unisa, *International Institute for Population Sciences*

Wednesday, December 8, 06:00 - 07:30 UTC

96 RESEARCH LEADER SESSION - REAPING THE BENEFIT OF THE DEMOGRAPHIC DIVIDEND IN INDIA: CHALLENGES, OPPORTUNITIES AND POLICY OPTION (SPONSORED BY UNFPA)

Chair: **Jaydeep Biswas**, *Chief, Policy and Partnerships, UNFPA*

- 1 Sonalde B. Desai*, *India Human Development Survey*
- 2 P. M. Kulkarni*, *Former Professor of Demography, Jawaharlal Nehru University, New Delhi*
- 3 Rakesh Sarwal*, *Additional Secretary, NITI Aayog, Government of India*

Wednesday, December 8, 07:00 - 08:30 UTC

P11 POSTER SESSION 11

- 129 Household socioeconomic status and mortality in Tokugawa Japan: Evidence from three northeastern villages 1708–1870 • Noriko Tsuya*, *Keio University*; Satomi Kurosu, *Reitaku University*
- 130 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*
- 131 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*
- 132 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*

133 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*

134 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*

Wednesday, December 8, 08:00 - 09:30 UTC

97 ACHIEVING INCLUSIVE AND EQUITABLE QUALITY EDUCATION FOR CHILDREN AND ADOLESCENTS FROM VULNERABLE HOUSEHOLDS

Chair: **Bilal Barakat**, *Vienna Institute of Demography*

1 What matters most for early childhood development? Evidence from Malda district, India • Rayhan Sk*, *Jawaharlal Nehru University*

2 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*

3 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*, *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*; Lahu Rathod, *India*

4 Learning Levels of Children from Short-Term Migrant Families: Evidence from Rural India • Leena Bhattacharya*, *Indira Gandhi Institute of Development Research (IGIDR)*

Wednesday, December 8, 08:00 - 09:30 UTC

98 SOCIETAL IMPACTS OF SEX SELECTION BEHAVIOUR

Chair: **Youngtae Cho**, *Seoul National University*

1 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)*

2 Why should sex selection ultimately decline? • Christophe Z. Guilmoto*, *Institut de Recherche pour le Développement (IRD)*; Laura Rahm, *Universitat de Barcelona*

3 Trends in Missing Females at Birth in India from 1981 to 2016: Analyses of 2.1 Million Birth Histories in Nationally Representative Surveys • Nandita Saikia*, *Jawaharlal Nehru University*; Meh Catherine, *University of Toronto*; Usha Ram, *International Institute for Population Sciences (IIPS)*; Jayanta Bora, *Indian Institute of Dalit Studies (IIDS)*; Mishra Bhaskar, *UNICEF*; Chandra Shailaja, *GOI*; Jha Prabhat, *University of Toronto*

Wednesday, December 8, 08:00 - 09:30 UTC

99 MIGRATION PATTERNS: INTERNAL AND INTERNATIONAL

Chair: **Jeffrey S. Passel**, *Pew Research Center*

1 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*

2 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)*

3 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*

4 Changed emigration as an anti-ageing formula • Marianne Tønnessen*, *Oslo Metropolitan University*; Astri Syse, *Statistics Norway*

Wednesday, December 8, 08:00 - 09:30 UTC

100 SOCIOECONOMIC INEQUALITY AND MORTALITY DIFFERENTIALS

Chair: **Cassio M. Turra**, *Demography Department, Cedeplar, UFMG*

1 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)*

2 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)*

3 Cross-sectional Average Length of Life Entropy: Cross-Population Comparisons and Decomposition • Wen Su*, *Australian National University*; Vladimir Canudas-Romo, *Australian National University*

4 The impact of smoking on trends in socio-economic longevity 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*

Wednesday, December 8, 08:00 - 09:30 UTC

101 LIVING ARRANGEMENTS IN A GLOBAL PERSPECTIVE

Chair: **David Reher**, *Universidad Complutense de Madrid*

1 Trends and patterns of one-person households in the Philippines, 1990-2010 • Jeoffrey B. Abalos*, *National University of Singapore*; Wei-Jun Yeung, *National University of Singapore*

2 The geography of the joint household structure in India : between demographic, socioeconomic and spatial patterns • Thomas Licart*, *Université Marc Bloch, Strasbourg*

3 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)*

4 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*, *East China University of Science and Technology*

Wednesday, December 8, 08:00 - 09:30 UTC

102 IMPACT OF ENVIRONMENTAL FACTORS ON POPULATION HEALTH AND WELLBEING (II)

Chair: **Raya Muttarak**, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

1 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*

2 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)*

3 Racial disparities in temperature related deaths in the U.S. between 1993 and 2005 • Risto Conte Keivabu*, *European University Institute*; Ugofilippo Basellini, *Max Planck Institute for demographic Research*; Emilio Zagheni, *Max Planck Institute for demographic Research*

4 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*

Wednesday, December 8, 09:00 - 10:30 UTC

P12 POSTER SESSION 12

- 28 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*
- 29 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*
- 30 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*
- 31 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*
- 32 Changing urban ecology and transformation of an Indian city: Kolkata from 1971-2011 • Devarupa Gupta*, *International Institute for Population Sciences (IIPS)*
- 33 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)*
- 34 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)*
- 35 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*
- 36 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)*
- 37 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*
- 38 “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*
- 39 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*
- 40 Adult children’s education and physical and cognitive health trajectories of older parents in Denmark • Cosmo Strozza*, *Interdisciplinary Centre on Population Dynamics, University of Southern Denmark*; Virginia Zarulli, *University of Southern Denmark - Interdisciplinary Center on Population Dynamics*

Wednesday, December 8, 10:00 - 11:30 UTC

103 HUMAN MOBILITY AND THE ENVIRONMENT

Chair: **Salahudin S. Muhidin**, *Macquarie University*

- 1 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*
- 2 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*
- 3 Characterizing environmental migrants in Central America's Northern Triangle regional migration flows. • Susana Beatriz Adamo*, *CIESIN-Columbia University*; Diego Pons, *Colorado State University*; Ángel G. Muñoz, *IRI-Columbia University*; Carmen González Romero, *IRI-Columbia University*
- 4 Perception of environmental change and perception of change in daily life in environmental migration • 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*

5 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*

Wednesday, December 8, 10:00 - 11:30 UTC

104 CONTRACEPTIVE DYNAMICS: ROLE OF MACRO-LEVEL SOCIOECONOMIC FACTORS

Chair: **Aisha Dasgupta**, *UK Foreign Commonwealth and Development Office*

1 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*

2 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*; Rebecka I. Lundgren, *University of California, San Diego*; Jay Silverman, *University of California, San Diego*; Anita Raj, *University of California, San Diego*

3 Contraceptive Use Among Women in India: Does the Household Structure Matters? • Sourav Mondal*, *International Institute for Population Sciences (IIPS)*; Manas Ranjan Pradhan

4 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*

Wednesday, December 8, 10:00 - 11:30 UTC

105 IMPACT OF COVID-19 ON GENDER RELATIONS

Chair: **Usha Ram**, *International Institute for Population Sciences (IIPS)*

1 Working from home and physical proximity during the COVID-19 pandemic: implications 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*

2 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*; Alexandra Abi Nassif, *American University of Beirut*

3 Health impacts of the COVID-19 Pandemic: Experiences of the trans-feminine community from Delhi, India • Ankita Chakrabarti*, *Jawaharlal Nehru University*

4 Change and stability at home: Professional women negotiating care work during the COVID-19 pandemic in India • Ieva Zumbyte*, *Brown University*

Wednesday, December 8, 10:00 - 11:30 UTC

106 GENDER DISPARITIES AND DISADVANTAGE: PERSPECTIVES FROM INDIA

Chair: **Gouranga Dasvarma**, *Flinders University*

1 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*; Preeti Dhillon, *International Institute for Population Sciences (IIPS)*

2 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*

3 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*

4 Food insecurity and ill treatment among older adult widows in India • Ajay Verma*, *Banaras Hindu University (BHU)*; Jadi Bala Komaraiah, *Banaras Hindu University*; Achal Gaur, *Banaras Hindu University*; Adrita Banerjee, *International Institute for Population Sciences (IIPS)*

Wednesday, December 8, 10:00 - 11:30 UTC

107 EARLY LIFE EXPERIENCE AND LATER LIFE OUTCOMES

Chair: **Adrien Remund**, *Rijksuniversiteit Groningen*

- 1 Trajectories of Men's Family Formation in India: Patterns, Determinants and Consequences • Jeffrey Edmeades*, *Demografix LLC*; Kerry MacQuarrie, *The DHS Program (Avenir Health)*
- 2 "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*, *Hong Kong Baptist University*

Wednesday, December 8, 10:00 - 11:30 UTC

108 KEYNOTE: TWENTIETH CENTURY FAMINES AND FOOD AVAILABILITY IN SOUTH ASIA

Chair: **Jayant Banthia**, *Former Census Commissioner and Registrar General of India, 2001 Census and Former Chief Technical Officer (CTA), UNFPA*

Discussant: **Chinmay Tumble**, *Indian Institute of Management Ahmedabad*

- 1 Twentieth Century Famines and Food Availability in South Asia • Tim Dyson*, *London School of Economics and Political Science (LSE)*

Wednesday, December 8, 11:00 - 12:30 UTC

P13 POSTER SESSION 13

- 1 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*
- 2 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)*
- 3 Women's employment, gender attitude and fertility intentions in urban area in Togo • Firmin Zinvi*, *Université de Montréal*; Vissého Adjiwanou, *Université Du Québec à Montréal*; Thomas LeGrand, *University of Montreal*
- 4 Gender Roles and Fertility Intentions in Italy • Raffaella Patimo, *Università degli Studi di Bari A. Moro*; Thaïs García Pereiro, *Università degli Studi di Bari "Aldo Moro"*; Letizia Mencarini*, *Bocconi University, Milan, Italy*; Maria Letizia Tanturri, *University of Padova*
- 5 Grossesses des adolescentes en Côte d'Ivoire. • Yao Jean Kouadio*, *École Nationale de Statistiques et d'Economie Appliquée of Abidjan*; Julius-Pathène Yao, *École Nationale de Statistique et d'Economie Appliquée (ENSEA)*; Yao Hermann Koffi, *École Nationale Supérieure de Statistique et d'Economie Appliquée (ENSEA)*
- 6 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*
- 7 Geographical Patterns and Determinants of Maternal High-Risk Fertility Behavior in India • Pooja Singh*, *Banaras Hindu University*; Kaushalendra Kumar Singh, *Professor*
- 8 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*
- 9 Les comportements reproductifs en fonction du sexe des enfants déjà nés : est-ce qu'il existe une préférence pour les garçons en Afrique Subsaharienne ? • Yahyaoui Myriam*, *Institut National d'Études Démographiques (INED)*; Valentine Becquet, *INED*

Wednesday, December 8, 12:00 - 13:30 UTC

109 RESEARCH LEADER SESSION - GOOD PRACTICES, INNOVATIVE APPROACHES AND CHALLENGES IN STREAMLINING AND LEVERAGING INTERVENTIONS TO RESPOND TO THE CORONA VIRUS (SPONSORED BY LEARNING FOR IMPACT USAID PROJECT)

Chair: **Kachina Chawla**, *Health Office Senior Advisor, USAID India*

- 1 Shaonli Chakraborty*, *Director, Wellbeing for Workforces & Gender Inclusion CAC- CMS*
- 2 Swati Mahajan*, *Chief of Party- NISHTHA/ Program Director*

3 Joseph Francis Munjatta*, *Deputy Project Lead, BTB Project*

4 Aditya Singh*, *Deputy Chief of Party, ACCELERATE, Johns Hopkins University School of Medicine*

Wednesday, December 8, 12:00 - 13:30 UTC

110 SEXUAL AND REPRODUCTIVE HEALTH OF YOUNG PEOPLE

Chair: **K.G. Santhya**, *Population Council*

1 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)*

2 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*

3 Factors associated with gynaecological morbidities and treatment-seeking behaviour among adolescent girls residing in Bihar and Uttar Pradesh, India • Shobhit Srivastava*, *International Institute for Population Sciences (IIPS)*

4 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*

5 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*

Wednesday, December 8, 12:00 - 13:30 UTC

111 RESEARCH LEADER SESSION - QUANTIFYING UNCERTAIN MIGRATION SCENARIOS (SPONSORED BY THE QUANTMIG PROJECT / UNIVERSITY OF SOUTHAMPTON)

Chair: **Jakub Bijak**, *University of Southampton*

1 Introduction: Uncertainty and Complexity in Migration Scenarios • Jakub Bijak*, *University of Southampton*

2 Migration Decision-Making under Uncertainty and Its Key Features • Mathias Czaika*, *Danube University Krems*

3 Understanding Migration Pull Factors: How Policy Uncertainty and Native Attitudes towards Immigrants Influence Migration Inflows • Valentina Di Iasio*, *University of Southampton*

4 Spatial and Categorical Interdependence of European Migration Flows and Policies • Mathias Czaika, *Danube University Krems*; Heidrun Bohnet*, *Danube University Krems*

5 European Migration Data: An Inventory and Quality Assessment • Rafael Costa*, *Netherlands Interdisciplinary Demographic Institute (NIDI)-KNAW/University of Groningen*

6 Estimating Migration Flows between Europe and Regions of the World • Georgios Aristotelous*, *University of Southampton*

7 Scenarios of Future Migration to Europe: The Possible, the Probable and the Desirable • Michaël Boissonneault*, *Netherlands Interdisciplinary Demography Institute (NIDI) and University of Groningen*

8 Analysing the Uncertainty of Migration Scenarios through Macroeconomic Models • Emily Barker*, *University of Southampton*

Wednesday, December 8, 12:00 - 13:30 UTC

112 RESEARCH LEADER SESSION: MODERN APPROACHES TO VITAL STATISTICS PRODUCTION, DISSEMINATION AND USAGE: HARNESSING CIVIL REGISTRATION DATA TO ADVANCE POPULATION HEALTH AND GENDER EQUALITY (SPONSORED BY UNFPA)

Chair: **Patrick Gerland**, *United Nations Population Division*

Discussant: **Jenny Garcia**, *Institut National d'Études Démographiques (INED)*

1 Subnational Monitoring of Gender-Biased Sex Selection: Towards the Integration of Birth Registration, Census and Survey Data on Sex Ratios at Birth, • Romesh Silva*, *United Nations Population Fund*; Alexandra Robinson, *UNFPA*

2 Marriage Registration and Vital Statistics: Where Are We? And Where to from Here? • Romesh Silva, *United Nations Population Fund*; Emmanuel Souza*, *UNFPA*

3 Harnessing Demographic Analysis to Assess Death Registration and Cause-of-Death Data in Tunisia • Soumaya Taibi*, *UNFPA*; Hajer Aounalla-Skhiri, *Institut National de la Santé Publique, Tunisia*; Nada Zoghalmi, *Institut National de la Santé Publique, Tunisia*; Romesh Silva, *United Nations Population Fund*

Wednesday, December 8, 12:00 - 13:30 UTC

113 MEASUREMENT OF AGE AND AGE STRUCTURES

Chair: **Tim Riffe**, *Centre d'Estudis Demogràfics (CED)*

1 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*

2 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*;

3 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)*

4 Partition Theorem in Populations • Arni Rao*, *Medical College of Georgia*

Wednesday, December 8, 12:00 - 13:30 UTC

114 POPULATION POLICIES AND THE DEMOGRAPHIC TRANSITION

Chair: **Eliya M. Zulu**, *African Institute for Development Policy (AFIDEP)*

1 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*

2 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*

3 Have post-ICPD population policies adhered to the Cairo Consensus? • Karen Hardee*, *What Works Association*

4 The Effects of Family Planning Programs on Wanted and Unwanted Fertility in Sub-Saharan Africa • John Bongaarts*, *Population Council*

Wednesday, December 8, 13:00 - 14:30 UTC

P14 POSTER SESSION 14

52 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 Mwangi, *Population Council*; Jaspreet Singh, *Busara Center for Behavioral Economics*; Eva Muluve, *Population Council*

53 Demography & the rise, apparent fall, and resurgence of eugenics • Rebecca Sear*, *London School of Hygiene and Tropical Medicine (LSHTM)*

54 Lee-Carter cohort mortality forecasts • Ugofilippo Basellini, *Max Planck Institute for demographic Research*; Carlo Giovanni G. Camarda*, *Institut National d'Études Démographiques (INED)*

55 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)*

56 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, *University of California, Berkeley*; 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*

57 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*

58 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*

59 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*

60 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*

61 Examining Determinants of IUD Use in India: An Exploratory Analysis of the National Family Health Surveys (NFHS-4) using Machine Learning • Arnab Dey, *Pre-Doctoral Fellow*; Nabamallika Dehingia, *Center on Gender Equity and Health, UC San Diego*; Nandita Bhan*, *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*; Julian McAuley, .; Abhishek Singh, *International Institute for Population Sciences (IIPS)*; Anita Raj, *University of California, San Diego*

62 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. • Maïlys Goetschy*, *Université Marc Bloch, Strasbourg*; Philippe Cordazzo, *Université de Strasbourg*

63 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*

64 Bayesian Poisson Regression for Reconstructing Fertility Rates • Afua Durowaa-Boateng*, *Vienna Institute of Demography*; Dilek Yildiz, *Wittgenstein Centre for Demography and Global Human Capital*

65 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*

Wednesday, December 8, 14:00 - 15:30 UTC

115 ECONOMIC POLICY AND HEALTH OUTCOMES

Chair: **Alexia Fuernkranz-Prskawetz**, *Vienna University of Technology*

1 Exiting the labour market: how? Different impacts on health • Gustavo De Santis*, *University of Florence*; Elena Pirani, *Florence University*; Francesca Zanasi, *Florence University*

2 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, *Institute for Social and Economic Research (ISER) - University of Essex*

3 Selective Mortality and the Long-Term Effects of Early-Life Exposure to Natural Disasters • Margaret Triyana, *University of Chicago*; Xing Xia*, *Yale-NUS College*

4 The child health impacts of coal: Evidence from India's coal expansion • Sangita Vyas*, *University of Texas at Austin*

Wednesday, December 8, 14:00 - 15:30 UTC

116 INEQUALITIES, HEALTH AND WELLBEING

Chair: **Magali Barbieri**, *University of California, Berkely*

1 Household Socioeconomic Status and Child Socioemotional in Ghana. • David Adumbire*, *Regional Institute for Population Studies (RIPS)*; Stan Akembula, *Mainstream Renewable Energy*

2 Slaves and immigrants to work: in-hospital mortality and morbidity differentials in Campinas, Brazil, 1876-1900 • Matheus Albino*, *Universidade Estadual de Campinas (UNICAMP)*

3 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*

4 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)*

5 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*

Wednesday, December 8, 14:00 - 15:30 UTC

117 GLOBAL AND MACRO-LEVEL ANALYSIS OF CONTRACEPTIVE USE DATA

Chair: **Ilene Speizer**, *University of North Carolina at Chapel Hill*

1 Fertility Preferences and Contraceptive Change in Low- and Middle-Income Countries • Mobolaji Ibitoye, *The Ohio State University*; John B. Casterline*, *Ohio State University*; Chenyao Zhang, *The Ohio State University*

2 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*

3 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*

4 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*

Wednesday, December 8, 14:00 - 15:30 UTC

118 ESTIMATING AND MODELLING MORTALITY

Chair: **Ian M. Timaeus**, *LSHTM*

1 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*

2 Using parental survival histories in low- and middle-income countries to estimate mortality over age 50: Assessing selection bias • Ashira Menashe-Oren*, *Université catholique de Louvain (UCL)*; Benjamin-Samuel Schlüter, *Louvain University (UCL)*; Bruno Masquelier, *Louvain University (UCL)*; Stephane Helleringer, *Johns Hopkins University*

3 Robustness and bias of excess death estimates under varying model specifications • Jonas Schöley*, *Max-Planck Odense Center on the Biodemography of Aging*

4 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*

Wednesday, December 8, 14:00 - 15:30 UTC

119 MIGRATION AND SOCIOECONOMIC INEQUALITIES

Chair: **Ayman Zohry**, *Egyptian Society for Migration Studies*

1 Examining the gendered impacts of COVID-19 on internal migrants in India • Natasha Chhabra*, *International Development Research Centre (IDRC)*

2 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*

3 Internal Migration and Life Course Transitions in Brazil • Reinaldo Santos*, *CEDEPLAR-UFGM*; Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)*; Ernesto Amaral, *Texas A&M University*

Wednesday, December 8, 14:00 - 15:30 UTC

120 COVID-19 AND SEXUAL AND REPRODUCTIVE HEALTH

Chair: **Ties Boerma**, *University of Manitoba*

1 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*

2 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*

3 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)*

4 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/ Department of Sociology and Anthropology*; Oluwaseun O. Obasola, *University of Ibadan*; Akanni I. Akinyemi, *Obafemi Awolowo University, Ile-Ife*; Gbemisola R. Adeoti, *Obafemi Awolowo University*

5 The impact of the COVID-19 pandemic on adolescents' 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*

Wednesday, December 8, 14:00 - 15:30 UTC

121 APPROACHES TO LIFE COURSE RESEARCH

Chair: **Joice Melo Vieira**, *Universidade Estadual de Campinas (UNICAMP)*

1 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*

2 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 Baudrap, *Centre Français 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)*

3 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*

Wednesday, December 8, 16:00 - 17:30 UTC

122 SOCIOECONOMIC INEQUALITY, DIFFERENTIALS AND MORTALITY

Chair: **Anna Zajacova**, *University Of Western Ontario*

1 "Deaths of despair in the tropics?": Relative deprivation among middle-aged Costa Ricans • Gilbert Brenes-Camacho*, *CCP, Universidad de Costa Rica*

2 Mortality and morbidity drivers of the global distribution of health • Iñaki Permanyer*, *Centre for Demographic Studies and ICREA*; Octavio Bramajo, *Centre d'estudis Demogràfics, Universitat Autònoma de Barcelona*

3 Parental education and adult mortality in Chile • Moisés Sandoval*, *Universidad de Chile*; Cassio M. Turra, *Demography Department, Cedeplar, UFMG*; Luciana Luz, *Cedeplar/Ufmg*

4 Mate Selection Power and Female Marital Mortality Differential in China • Junhe Yang*, *University of Washington*

5 Reversals in past long term trends in educational inequalities in life expectancy across Europe. • Jesus-Daniel Zazueta Borboa*, *Netherlands Interdisciplinary Demographic Institute*; Pekka Martikainen, *University of Helsinki*; Jose Manuel Aburto, *University of Oxford*; Riina Peltonen, *Population Research Unit*; Nicolás Zengarini, *Epidemiology Unit, ASL TO3, Piedmont Region, Grugliasco(Turin)*; Anton E Kunst, *Department of Public Health, Amsterdam UMC, University of Amsterdam*; Fanny Janssen, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen*

Wednesday, December 8, 16:00 - 17:30 UTC

124 RESEARCH LEADER SESSION - ADDRESSING THE NEEDS OF MARGINALIZED POPULATIONS IMPACTED BY CLIMATE CHANGE: EVIDENCE GAPS AT THE INTERSECTION OF THE POPULATION AND CLIMATE SCIENCES (SPONSORED BY THE POPULATION COUNCIL)

Chair: **Jessie Pinchoff**, *Population Council*

Chair: **Thoai Ngo**, *Population Council*

Chair: **Bidhubhusan Mahapatra**, *Population Council*

1 Angel Del Valle*, *Population Council*

2 Audrey Dorélien*, *University of Minnesota*

3 Raya Muttarak*, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

4 Esha Dilip Zaveri*, *World Bank*

Wednesday, December 8, 16:00 - 17:30 UTC

125 RESEARCH LEADER SESSION - INED'S MORTALITY AND HEALTH DATABASES: VALUABLE RESOURCES FOR INTERNATIONAL COMPARISONS (SPONSORED BY INED)

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

1 Ined's DataLab and its Mortality and Health Databases • Arianna Caporali*, *Institut National d'Études Démographiques (INED)*

2 The Demography of Covid-19 Databases. A Gateway to well-documented international data. • Jenny Garcia*, *Institut National d'Études Démographiques (INED)*

3 Reconstructing continuous series by cause of death: methodological approaches used within the Human Cause-of-Death Database • Marketa Pechholdova*, *University of Economics, Prague*

4 Population-level mortality burden from novel coronavirus (COVID-19) in Europe and North America • Hiram Beltran-Sanchez*, *University of California, Los Angeles*

5 Mortality regularities at the frontier of human longevity. Insights from the IDL • Francisco Villavicencio*, *Johns Hopkins University*

Wednesday, December 8, 16:00 - 17:30 UTC

126 IUSSP PANEL ROUND TABLE - DIGITAL DEMOGRAPHY: HIGHLIGHTS AND FUTURE DIRECTIONS

Chair: **Emilio Zagheni**, *Max Planck Institute for demographic Research*

1 Micro-Estimates of Wealth for All Low- and Middle-Income Countries • Guanghua Chi*, *Facebook*

2 Transcending Social and Computational Sciences through Digital Demography • Rumi Chunara*, *New York University*

3 The Digital Revolution and Gender Equality: Perspectives from Digital Demography • Ridhi Kashyap*, *University of Oxford*

4 Estimating Small Area Population Distributions, Demographics and Dynamics through Geospatial Data Integration • Andrew J. Tatem*, *University of Southampton*

Wednesday, December 8, 16:00 - 17:30 UTC

127 FAMILY FORMATION IN MIGRANT FAMILIES

Chair: **Solène Lardoux**, *Université de Montréal*

1 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 Dalmasso, *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*

2 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*

3 Cultural or structural integration? Home-country fertility norms, ideal family size and timing of births within migrant families in France • Ka U Ng*, *McGill University*

4 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*

Wednesday, December 8, 17:00 - 18:30 UTC

P15 POSTER SESSION 15

70 Do cohabiters work and earn like married or single individuals? • Alicia Adsera*, *Princeton University*; Federica Querin, *European University Institute*

71 Application of Multiple Cause of Death Information to Eliminate Garbage Codes • Agnieszka Fihel*, *University of Warsaw / Institut national d'etudes démographiques*; Magdalena Muszynska-Spielauer, *Wittgenstein Centre (IIASA, OeAW, Univ. Vienna)*

72 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*

73 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)*

74 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*

75 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*

76 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)*

77 “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*

78 Home alone: Exploring childcare options to move beyond the single child problem in Belarus • Kamila Ishchanova*, *Charles University In Prague*

79 Slowing union formation and rapid household formation in South Africa • Amy Thornton*, *University of Cape Town*; Martin Wittenberg, *University of Cape Town*

80 Climate change and epidemiological transitions: Evidence from Antananarivo, Madagascar • Jordan Klein*, *Princeton University*; Jessica Metcalf, *Princeton University*

81 Does Urban Decline lead to Urban Shrinkage in India? • Nawaj Sarif*, *International Institute for Population Sciences (IIPS)*; Archana K. K. Roy, *International Institute for Population Sciences (IIPS)*

82 The Associations Between Flexitime and Teleworking and Life Satisfaction Among Parents • Aneesa Qadri*, *University of Oxford*

83 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*

84 Is there perinatal health consequences to the closure of maternities in France? Evidence from administrative database • Ambroise Léa*, *Institut National d'Études Démographiques (INED)*

85 Inequalities in mortality associated with housing conditions in Belgium between 1991 and 2015 • Martina Otavova*, *Université 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)*

86 The increasing role of spatial economic inequalities to explain suicide in France from 1979 to 2016 • Elsa Perdrix*, *Dauphine University*; Florian Bonnet, *Institut National d'Études Démographiques (INED)*

Wednesday, December 8, 18:00 - 19:30 UTC

128 PREGNANCY INTENTIONS AND LIFE PLANNING AMONG WOMEN, MEN AND ADOLESCENTS

Chair: **John Santelli**, *Columbia University*

1 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*

2 Facteurs familiaux et individuels associés à la non-utilisation du condom chez les adolescents et jeunes célibataires selon le sexe en Côte d'Ivoire • Zie Coulibaly*, *Institut de Formation et de Recherche Démographiques (IFORD)*

3 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)*

4 "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)*

Wednesday, December 8, 18:00 - 19:30 UTC

129 DIRECT AND INDIRECT IMPACTS OF THE COVID-19 PANDEMIC

Chair: **Andrew Noymer**, *University of California, Irvine*

1 The impact of COVID-19 pandemic on mortality forecasts in Brazil • Gabriel Borges*, *Instituto Brasileiro de Geografia e Estatística (IBGE)*

2 Successes and challenges in Rapid Mortality Surveillance during the COVID-19 Pandemic: a cross-country comparison • Farnaz Malik*, *Vital Strategies*; Diana Kumar, *Vital Strategies*; Raven Meade, *Vital Strategies*; Carlie Congdon, *Vital Strategies*; Elizabeth Ortiz, *Vital Strategies*; Ruxana Jina, *Vital Strategies*; Martin Bratschi, *Vital Strategies*; Philip Setel, *Vital Strategies*

3 COVID-19 mortality in Brazil: an analysis of multiple causes of death • Ana Maria Nogales Vasconcelos*, *Universidade de Brasília*; 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*

4 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*

Wednesday, December 8, 18:00 - 19:30 UTC

130 USE AND MISUSE OF PREVENTIVE AND CURATIVE TREATMENTS: THE ROLE OF SOCIOECONOMIC FACTORS

Chair: **Arlette Simo Fotso**, *World Bank Group*

1 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)*

2 The role of multidimensional poverty in antibiotic misuse: A study of self-medication and non-adherence in Kenya, Tanzania, and Uganda • 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 Sabiiti, *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 Asiimwe, *Makerere University*; Matthew Holden, *University of St Andrews*

3 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*

4 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*

Wednesday, December 8, 20:00 - 21:30 UTC

131 FERTILITY, FERTILITY PREFERENCES AND CONTRACEPTION: DATA AND METHODS

Chair: **Claus C. Portner**, *Seattle University*

1 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*

2 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*

3 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*

Wednesday, December 8, 20:00 - 21:30 UTC

132 THE DETERMINANTS OF URBAN INEQUALITY

Chair: **Mathias Lerch**, *Ecole polytechnique fédérale de Lausanne (EPFL)*

1 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)*

2 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*

3 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*

Wednesday, December 8, 22:00 - 23:30 UTC

133 SOCIAL AND DEMOGRAPHIC FACTORS INFLUENCING COMMUNICABLE AND NON-COMMUNICABLE DISEASES

Chair: **Payal Hathi**, *University of California, Berkeley*

1 Neighborhood Factors and the Risk of Noncommunicable Diseases in Ghana • Winfred A. Avogo*, *Illinois State University*

2 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*

3 Single motherhood and stress in a Kenyan slum: The importance of paternal and kin support • Shelley Clark*, *McGill University*; Madeleine Henderson; Caroline W. Kabiru, *African Population and Health Research Center (APHRC)*

4 Population dynamics and malaria occurrence in the main hotspot of the Brazilian Amazonia • Igor Johansen*, *University of Campinas*; Priscila Rodrigues, *Universidade de São Paulo*; Marcelo Ferreira, *University of São Paulo*

5 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*

Wednesday, December 8, 22:00 - 23:30 UTC

134 IUSSP PANEL SESSION: FAMILY AND INEQUALITY IN ASIA

Chair: **James Raymo**, *Princeton University*

- 1 Hyunjoon Park*, *University of Pennsylvania*
- 2 James Raymo*, *Princeton University*
- 3 Wei-Jun Yeung*, *National University of Singapore*
- 4 Jia Yu*, *Peking University*

Thursday, December 9, 02:00 - 03:30 UTC

135 FORMAL MODELS AND METHODS FOR THE ANALYSIS OF MORTALITY AND CAUSES OF DEATH

Chair: **Pavel Grigoriev**, *Federal Institute for Population Research (BiB)*

- 1 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*
- 2 The sensitivity of the Healthy Life Years indicator: Approaches for dealing with age-specific prevalence data • Vanessa di Lego*, *Vienna Institute of Demography*; Markus Sauerberg, *Vienna Institute of Demography*
- 3 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*
- 4 Indirect estimation of life expectancy by ethnicity in Chile • Moisés Sandoval*, *Universidad de Chile*; Marcela Alvear, *UNFPA*
- 5 Probabilistic Projection of Subnational Life Expectancy • Hana Sevcikova*, *University of Washington*; Adrian Raftery, *University of Washington, Seattle*

Thursday, December 9, 02:00 - 03:30 UTC

136 DATA QUALITY: FROM PREGNANCY TO DEATH

Chair: **Thomas Pullum**, *Demographic and Health Surveys Program*

- 1 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*
- 2 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)*
- 3 Assessing Mortality Registration in Kerala: The Maranam Study • Sneha Mani*, *University of Pennsylvania*; Aashish Gupta, *Harvard University*
- 4 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)*

Thursday, December 9, 04:00 - 05:30 UTC

137 NUTRITIONAL STATUS AND ITS HEALTH AND SOCIOECONOMIC EFFECTS IN ASIA

Chair: **Rajib Acharya**, *Population Council*

- 1 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*

2 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*

3 Increasing disparity in childhood undernutrition across the caste groups in India: Trends during 1992-2016 • Abhishek Kumar*, *International Institute for Population Sciences (IIPS)*

4 Educational Gradient in Body Mass Index Trajectories across Cohorts of Indonesian Adults • Lilipramawanty Liwin*, *the Australian National University*

Thursday, December 9, 04:00 - 05:30 UTC

138 FERTILITY IN INDIA: PRESENT AND PROSPECT

Chair: **T.V. Sekher**, *IIPS*

1 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*

2 An Exploration of Treatment Seeking Behaviour of Women Experiencing Infertility and Need for Services in Rural India • Shraboni Patra*, *International Institute for Population Sciences (IIPS)*; Sayeed Unisa, *international Institute for Population Sciences*

3 Measuring the Quality of Maternal and Newborn Care in India • Gursimran Singh Rana*, *International Institute for Population Sciences (IIPS)*

4 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*

Thursday, December 9, 06:00 - 07:30 UTC

139 SEXUAL AND REPRODUCTIVE HEALTH EXPERIENCES OF WOMEN IN INDIA OVER THE LIFE COURSE

Chair: **Kaushalendra K. Singh**, *Banaras Hindu University*

1 Prevalence and Factors Associated with Premature Menopause among Women in India • Trupti Meher*, *International Institute for Population Sciences (IIPS)*; Harihar Sahoo, *international Institute for Population Sciences*

2 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*

3 Geospatial heterogeneity of early marriage and motherhood in India: Evidence from fourth round of National Family Health Survey • Mayank Singh*, *International Institute for Population Sciences (IIPS)*; Priyanka Patel, *International Institute for Population Sciences (IIPS)*

Thursday, December 9, 06:00 - 07:30 UTC

140 PROFILES AND PATTERNS OF CHRONIC MULTIMORBIDITY

Chair: **Carlo Giovanni G. Camarda**, *Institut National d'Études Démographiques (INED)*

1 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*

2 Life Expectancy and Healthy Life Expectancy of Migrant and Native-born Population in Australia, 2006–2016 • Guogui Huang*, *Macquarie University*; Fei Guo, *Macquarie University*

3 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 Science (IIPS)*

- 4 Profile and patterns of chronic non-communicable diseases multimorbidity among older adults in India • Parul Puri*, *International Institute for Population Sciences, Mumbai*
- 5 Interaction of physical activity on the association of obesity-related measures with multi-morbidity among older adults: A population-based cross-sectional study in India • Shobhit Srivastava*, *International Institute for Population Sciences (IIPS)*

Thursday, December 9, 06:00 - 07:30 UTC

141 MIGRATION EXPERIENCES AND POPULATION DISTRIBUTIONS

Chair: **Karen Haandrikman**, *Stockholm University, Dept of Human Geography*

- 1 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*
- 2 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*, *University of Waikato*
- 3 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*
- 4 A spatial analysis of begging in India using Census data • Aditya Singh*, *Banaras Hindu University (BHU)*; Olivier Brito, *University of Paris*

Thursday, December 9, 08:00 - 09:30 UTC

142 THE INFLUENCE OF FAMILY STRUCTURE AND DYNAMICS ON CHILDREN'S HEALTH AND WELLBEING

Chair: **Jean-François Kobiane**, *ISSP*

- 1 Union Formation Dynamics and Child Well-Being in Global Comparative Perspective • Ewa Batyra*, *Center for Demographic Studies*; Luca Maria Pesando, *McGill University*; Andrés Castro, *Max Planck Institute for Demographic Research*; Hans-Peter Kohler, *University of Pennsylvania*; Frank Furstenberg, *University of Pennsylvania*
- 2 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*
- 3 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)*
- 4 Family structure and child well-being in Uruguay: The role of family stability, family structure 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*

Thursday, December 9, 08:00 - 09:30 UTC

143 MODELLING THE DEMOGRAPHIC DIVIDEND AND POLICY IMPLICATIONS

Chair: **Parfait Eloundou-Enyegue**, *Cornell University*

- 1 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*
- 2 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*
- 3 Savings and the Demographic Dividend: Evidence from a Macrosimulation Model • Joshua K. Wilde, *Max Planck Institute for Demographic Research (MPIDR)*; Mahesh Karra*, *Boston University*

Thursday, December 9, 08:00 - 09:30 UTC

144 SPATIAL AND SOCIAL PATTERNS OF FERTILITY

Chair: **Rebecca Sear**, *London School of Hygiene and Tropical Medicine (LSHTM)*

1 Education and rural-urban 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)*

2 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)*

3 Fertility in Italian regions: analysis and estimation of cohort indicators • Sara Miccoli*, *Sapienza University of Rome*

Thursday, December 9, 08:00 - 09:30 UTC

145 FACTORS CONTRIBUTING TO LATER LIFE HEALTH AND SATISFACTION

Chair: **Ester L. Rizzi**, *Université Catholique de Louvain*

1 Widowhood and Health Status Among Chinese Older Adults: The Mediation Effects of Different Types of 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*

2 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*

3 Internet use and contacts with children among older Europeans • Bruno Arpino*, *University of Florence*

4 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*

5 Employment status and life satisfaction among Indian elderly: From a gender perspective • Priya Maurya*, *International Institute for Population Sciences (IIPS)*

Thursday, December 9, 08:00 - 09:30 UTC

146 PERSISTING PREFERENCES FOR SONS

Chair: **Leela Visaria**, *Gujarat Institute of Development Research*

1 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*

2 Son Preference in India: Trends, patterns and determinants • Vineet Kumar*, *Banaras Hindu University*; Kaushalendra K. Singh, *Banaras Hindu University*

3 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*

4 Trends and pattern in excess female under-5 mortality in India • Vandana Tamrakar*, *Jawaharlal Nehru University*; Nandita Saikia, *Jawaharlal Nehru University*

Thursday, December 9, 09:00 - 10:30 UTC

P16 POSTER SESSION 16

77 Accumulated reproductive life histories and grip strength in Indonesia: 1993-2014 • Tiziana Leone*, *LSE*; Heini E. Vaisanen, *University of Southampton*; Firman Witoelar, *SurveyMETER*

78 Age gap between spouses in South and Southeast Asia • Premchand Dommaraju*, *Nanyang Technological University*

79 Trends and correlates of caesarean section births in Jammu and Kashmir • Bashir A. Bhat*, *University of Kashmir*

80 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*

81 Social Security Schemes for Elderly in India: Awareness, Utilization and Barriers • T.V. Sekher*, *IIPS*

82 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*

- 83 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*
- 84 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)*
- 85 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*
- 86 Language Mismatches among Respondents, Questionnaire, and Interview in National Family Health Survey, 2015-16 • Md Juel Rana*, *International Institute for Population Sciences (IIPS)*
- 87 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*
- 88 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*
- 89 Residential Segregation in cities of South India: Patterns and Correlates • Neeha Jacob*, *Centre for Development Studies*
- 90 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*
- 91 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*
- 92 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*
- 93 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*
- 94 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)*
- 95 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*
- 96 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, *TISS*; Somnath Jana, *international institute for population sciences*; Laxmi Kant Dwivedi, *International Institute for Population Sciences (IIPS)*

Thursday, December 9, 09:00 - 10:30 UTC

P17 POSTER SESSION 17

- 1 Childbearing transition in Ethiopia: A study using EDHS TFRs • Mezgebo Gebretsadikan, *Mekele University*; Krishna Ponnappalli*, *Mekelle University*

- 2 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)*
- 3 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*
- 4 Interregional Variations of Fertility Contours in India: A multilevel modelling approach • Saswata Ghosh*, *Institute of Development Studies Kolkata (IDSK)*; Md. Zakaria Siddiqui, *Crawford School of Public Policy Australian National University*; Debojyoti Majumder, *SIGMA Foundation*
- 5 Transition to parenthood or not? The Italian case • Cinzia Castagnaro*, *Italian National Statistical Institute*; Antonella Guarneri, *Istituto Nazionale di Statistica (ISTAT)*; Eleonora Meli, *Istat*
- 6 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)*; Usha Ram, *International Institute for Population Sciences (IIPS)*
- 7 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*
- 8 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(issp)*
- 9 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*,
- 10 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*
- 11 Competing Care Burdens and Fertility: are extended Care needs reducing the Number of Children? • Tomass Nielsen*, *Tallinn University*; Martin Klesment, *Tallinn University*
- 12 An analysis of mixed marriages in nineteenth-century Tasmania • Isabelle Cherklesly*, *Monash University*
- 13 An investigation into the progression of premarital fertility since the onset of Zimbabwe's fertility transition • Chantelle Ngwenya*, *FHI360/Zimbabwe Health Interventions*
- 14 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*
- 15 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*
- 16 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*

Thursday, December 9, 10:00 - 11:30 UTC

147 MEASUREMENT ISSUES IN SEXUAL AND REPRODUCTIVE HEALTH RESEARCH

Chair: **Chander Shekhar**, *International Institute for Population Sciences (IIPS)*

- 1 Interviewer effects on abortion reporting: a multilevel analysis of household survey responses in Côte d'Ivoire, Nigeria and Rajasthan, India • Katy Footman*, *LSE*
- 2 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*
- 3 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*

4 Exploring the relationship between quantified abortion stigma and abortion reporting in two demographic surveillance sites • Onikepe Owolabi*, *Gutmacher 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*

5 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*

Thursday, December 9, 10:00 - 11:30 UTC

148 REFUGEES, POLICIES AND PUBLIC OPINION

Chair: **Cris Beauchemin**, *Institut National d'Études Démographiques (INED)*

1 Administrative Processing Time of Asylum Procedure in Belgium, 1999-2014 • Wanli Nie*, *UCLouvain*; Mireille Le Guen, *Institut National d'Études Démographiques*; Louise Caron, *Institut National d'Études Démographiques (INED)*; Bruno D. Schoumaker, *Université catholique de Louvain (UCL)*

2 Refugees and Environment: Linkages Between Migrants' Background Characteristics and Tree-Cutting in Uganda's Refugee Settlements and Host Communities • Abel Nzabona*, *Makerere University*

3 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, *Institut National d'Études Démographiques*; Louise Caron, *Institut National d'Études Démographiques (INED)*; Wanli Nie, *UCLouvain*

4 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*

Thursday, December 9, 10:00 - 11:30 UTC

149 ESTIMATING COVID-19 RISKS AND SELF-PERCEPTIONS

Chair: **Géraldine Duthé**, *Institut National d'Études Démographiques (INED)*

1 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*

2 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)*

3 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*

4 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*

5 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*

Thursday, December 9, 10:00 - 11:30 UTC

150 SPATIAL POPULATION DYNAMICS

Chair: **Leo van Wissen**, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen*

1 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 Muchlichen, *Federal Institute for Population Research (BiB)*

2 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*

3 Analysing population decline trajectories in regional Europe: a sequence analysis • Niall Newsham*, *University of Liverpool*

Thursday, December 9, 10:00 - 11:30 UTC

151 INVITED ROUND TABLE: DEMOGRAPHIC TRAINING FOR THE 21ST CENTURY

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

Discussant: **Peter McDonald**, *University of Melbourne*

1 The Perspective from Asia • Mayanka Ambade*, *International Institute for Population Sciences (IIPS)*

2 The Perspective from Africa • Ayaga Bawah*, *Regional Institute for Population Studies*

3 The Perspective from Latin America • Vanessa di Lego*, *Vienna Institute of Demography*

4 The Perspective from Europe • Bergeron-Boucher Marie-Pier*, *Danish Center on Population Research, Interdisciplinary Center on Population Dynamics, University of Southern Denmark*

Thursday, December 9, 11:00 - 12:30 UTC

P18 POSTER SESSION 18

119 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*

120 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)*

121 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*

122 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*

123 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*

124 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)*

125 Utilisation of Maternal and Child Health care services: An initiation to Contraceptive use in India • Anjali Bansal*, *International Institute for Population Sciences (IIPS)*

126 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*

127 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*

- 128 Evidence of social influence driving Israeli fertility trends • Rachel Gould*, *Tel Aviv University*
- 129 Determinants of Delay in First Pregnancy: Evidence From a Cohort Study in Bihar, India • Ravita Yadav*, *International Institute for Population Sciences (IIPS)*
- 130 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)*
- 131 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*
- 132 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*
- 133 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*
- 134 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)*

Thursday, December 9, 12:00 - 13:30 UTC

152 UNFPA SPECIAL SESSION: IMPACT OF THE COVID-19 PANDEMIC ON FERTILITY

Chair: **Eduard Mihalas**, *UNFPA*

Discussant: **Tomas Sobotka**, *Vienna Institute of Demography*

- 1 Walter Mendoza*, *UNFPA*
- 2 Everton E. C. Lima*, *IFCH - UNICAMP*
- 3 Mohammad Abdul Salam Khan*, *Ministry of Medical Education and Family Welfare (Bangladesh)*
- 4 Jacques B. O. Emina*, *University of Kinshasa, Department of Population and Development Studies*
- 5 Barbara Laurenceau*, *UNFPA*

Thursday, December 9, 12:00 - 13:30 UTC

153 RESEARCH LEADER SESSION - BUILDING TRUST IN INDIA'S DATA ECOSYSTEM: A MODEL OF CHANGE (SPONSORED BY THE POPULATION COUNCIL)

Chair: **Niranjan Saggurti**, *Population Council*

- 1 Sonalde B. Desai*, *India Human Development Survey*
- 2 K.S. James*, *International Institute for Population Sciences*
- 3 Suneeta Krishnan*, *Bill and Melinda Gates Foundation, India Country Office Deputy Director, Strategy, Planning & Management, Evaluation*
- 4 Arindam Modak*, *Deputy Director General, MoSPI; Government of India*
- 5 M. Vishnu Vardhana Rao*, *National Institute of Medical Statistics*

Thursday, December 9, 12:00 - 13:30 UTC

154 INFLUENCE OF ETHNICITY AND MINORITY STATUS ON CONTRACEPTION USE

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

- 1 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*
- 2 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*

3 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)*; Jonah Benjamini, *Haverford College*; Young Su Park, *Haverford College*

Thursday, December 9, 12:00 - 13:30 UTC

155 AGEING AND DISABILITY

Chair: **Emily Grundy**, *University of Essex*

Discussant: **Géraldine Duthé**, *Institut National d'Études Démographiques (INED)*

Discussant: **Nandita Saikia**, *Jawaharlal Nehru University*

1 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*

2 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*

3 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*

4 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*

5 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*

Thursday, December 9, 12:00 - 13:30 UTC

156 URBAN EXPOSURE TO RISK

Chair: **Arun Balachandran**, *University of Maryland College Park*

1 Spatial & temporal disparities in air pollution exposure at Italian public schools • Risto Conte Keivabu*, *European University Institute*

2 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*; Yonas Bahta, *University of the Free State*

3 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*

4 Moving out of the city in the year of Covid - will they return after the pandemic? • Marianne Tønnessen*, *Oslo Metropolitan University*

Thursday, December 9, 12:00 - 13:30 UTC

157 FEMALE EMPOWERMENT, FERTILITY AND SEXUAL VIOLENCE

Chair: **Nkechi Owoo**, *University of Ghana*

1 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*

2 Does young women's empowerment influence fertility intentions? • Kerry MacQuarrie*, *The DHS Program (Avenir Health)*

3 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)*

Thursday, December 9, 13:00 - 14:30 UTC

P19 POSTER SESSION 19

- 88 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)*
- 89 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*
- 90 ENRICH Marital Satisfaction Scale: Factor Structure and Reliability Study in rural population of Uttar Pradesh, India • Shekhar Chauhan*, *International Institute for Population Sciences (IIPS)*
- 91 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)*
- 92 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)*
- 93 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)*
- 94 Changing pattern of Pediatric Obesity in India: Association with Commercial Baby Food Consumption • Shreyans Rai*, *IIPS*; Sayeed Unisa, *international Institute for Population Sciences*
- 95 Exploring Geographical Variance of Complete Immunization Coverage in India: A District-level Spatial Modelling Approach • Monirujjaman Biswas*, *Jawaharlal Nehru University*
- 96 The 2010 Haiti Earthquake Impact on Child Undernutrition • Hilde Orderud*, *European University Institute*
- 97 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*
- 98 Trends in the association between 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*
- 99 Problems and Constraints in Utilizing the Health Services by Elderly: Field Based Evidence from Jharkhand, India. • Shanu Priya*, *Jawaharlal Nehru University*
- 100 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)*
- 101 Is Women's Ownership of Assets instrumental in reducing Child Stunting in India? • Akancha Singh*, *International Institute for Population Sciences (IIPS)*
- 102 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)*
- 103 Exclusive Breastfeeding in the Indian States- an analysis by different level of Post Neonatal Mortality Rate • Badal Thool*, *International Institute for Population Sciences (IIPS)*
- 104 Religiosity, Life Satisfaction, and Cognitive Function among the Elderly in India: A Path Regression Approach • Nawaz Rasool*, *International Institute for Population Sciences (IIPS)*
- 105 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)*

Thursday, December 9, 14:00 - 15:30 UTC

158 URBAN DEMOGRAPHY AND SEGREGATION

Chair: **Douglas S. Massey**, *Princeton University*

- 1 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*

- 2 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*
- 3 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*

Thursday, December 9, 14:00 - 15:30 UTC

159 COVID-19: IMPACTS AND METHODOLOGICAL CHALLENGES

Chair: **Bruno Masquelier**, *Louvain University (UCL)*

- 1 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*
- 2 How Covid-19 may affect population distributions across the US states? • Leiwen Jiang*, *Shanghai University and Population Council*; Hamidreza Zoraghein, *Population Council*
- 3 Methodological adaptations using Mobile Phone Surveys to inform Covid-19 response in Kenya • Eva Muluve*, *Population Council*; Daniel Mwangi, *Population Council*; Faith Mbushi, *Population Council*; Beth Kangwana, *Population Council*; Timothy Abuya, *Population Council*; Daniel Osuka, *Population Council*; Karen Austrian, *Population Council - Kenya*
- 4 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 Mwangi, *Population Council*; Faith Mbushi, *Population Council*; Karen Austrian, *Population Council - Kenya*
- 5 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)*

Thursday, December 9, 14:00 - 15:30 UTC

160 HEALTH SERVICE UTILIZATION TO IMPROVE REPRODUCTIVE AND MATERNAL HEALTH

Chair: **Rob Stephenson**, *Michigan University*

- 1 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*
- 2 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*
- 3 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)*
- 4 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*

Thursday, December 9, 14:00 - 15:30 UTC

161 FAMILY SYSTEMS, KINSHIP AND MARRIAGE TIMING

Chair: **Nathalie Mondain**, *University of Ottawa*

1 Union instability and fertility: an international perspective • Ana Fostik, *Statistics Canada / Statistique Canada*; Mariana Fernández Soto*, *Programa de Población, Udelar*; Daniel Ciganda, *Max Planck Institute for Demographic Research*; Fernando Ruiz Vallejo, *Universidad Javeriana*

2 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, *Institut Supérieur des Sciences de la Population/Université Joseph Ki-Zerbo*; Dramane Boly, *Institut Supérieur des Sciences de la Population (ISSP)*

3 Socio-economic correlates of marital status and marriage timing among adult men in Nigeria • David Okunlola*, *Viable Knowledge Masters & Viable Helpers Development Organization*; Olusesan A. Makinde, *Viable Knowledge Masters*; Stella Babalola, *Johns Hopkins University*

4 Attitudes toward Marriage among Afghan Youths: Socio-demographic and Cultural Determinants • Rasoul Sadeghi*, *Tehran University*; Victor Agadjanian, *University of California, Los Angeles*

5 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*

Thursday, December 9, 14:00 - 15:30 UTC

162 CHILD CARE ARRANGEMENTS: PATTERNS, TRENDS AND EFFECTS

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

1 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)*

2 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 Awoloye, *Obafemi Awolowo University*

3 Maternity Leave Duration for Women in Formal Employments and Infants Vulnerability to Abuse from Care Givers in Nigeria • Olugbemisola Samuel*, *Covenant University, Ota, Ogun state, Nigeria*.

4 Undernutrition among Roma and non-Roma children in the Western Balkans: prevalence and determinants of persistent inequalities, 2011-2020 • Annalisa Busetta, *University of Palermo*; Valeria Cetorelli, *United Nations*; Chiara Puglisi*, *European University Institute*

Thursday, December 9, 14:00 - 15:30 UTC

163 RESEARCH LEADER SESSION: NEW EVIDENCE ON URBAN FERTILITY AND FAMILY PLANNING IN SUB-SAHARAN AFRICA AND SOUTH ASIA (SPONSORED BY THE IUSSP PANEL ON URBAN FP)

Chair: **Thomas LeGrand**, *University of Montreal*

Discussant: **Nkechi Owoo**, *University of Ghana*

1 Contraceptive Use Patterns in Urban Africa: Examining Trends in Rich-Poor Gaps • Alex C. Ezech*, *Drexel University*; Maurice Anyawie; John G. Cleland, *London School of Hygiene and Tropical Medicine (LSHTM)*

2 The Challenge Initiative's "Business Unusual" Scale-up Model and Its Early Impact on Increasing Contraceptive Uptake in Urban Areas in Sub-Saharan Africa and India • J.M. Ian Salas*, *Johns Hopkins Bloomberg School of Public Health*

3 More than 50% Urban, a Possible Game Changer for Pakistan's Slow and Staggered Fertility Transition? • Zeba A. Sathar*, *Population Council*; G.M. Arif, *Pakistan Institute of Development Economics*; Maqsood Sadiq, *Population Council*

4 Fertility Stalls in Urban Africa: Where, Who, Why? • Bruno D. Schoumaker*, *Universite catholique de Louvain (UCL)*; David Sánchez Páez, *Université Catholique de Louvain*

Thursday, December 9, 15:00 - 16:30 UTC

P20 POSTER SESSION 20

36 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*

- 37 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 / Institut national d'etudes démographiques*; Marek Okolski, *University of Warsaw*
- 38 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*
- 39 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*
- 40 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*
- 41 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*
- 42 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*
- 43 Adolescent urban migration, schooling, and work in sub-Saharan Africa • Sophia Chae*, *University of Montreal*; Jessie Pinchoff, *Population Council*; Mark R. Montgomery, *Population Council*
- 44 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.*
- 45 Population pyramids by skills-adjusted education: estimates for 45 countries • Claudia Reiter*, *University of Vienna*
- 46 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*
- 47 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*
- 48 Age at First Migration and Its Relation to Educational Attainment in Indonesia • Meirina Ayumi Malamassam*, *Australian National University*
- 49 High school teachers in Northeast Brazil: migration and commuting • Wilson Fusco*, *Fundação Joaquim Nabuco*; Jarvis Campos, *UFRN*; Ricardo Ojima, *Universidade Federal do Rio Grande do Norte (UFRN)*; Silvana Nunes de Queiroz, *Universidade Regional do Cariri*; Álvaro D'Antona, *UNICAMP*
- 50 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*
- 51 Women in management positions: evidence of a glass ceiling phenomenon in Brazilian formal labour market. • Tainá da Silva*, *No Current employer*
- 52 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)*

Thursday, December 9, 16:00 - 17:30 UTC

123 RESEARCH LEADER SESSION: METHODOLOGICAL ENQUIRY IN MEASUREMENT OF TRADITIONAL METHODS OF CONTRACEPTION IN MODERN TIMES (SPONSORED BY AFIDEP)

Chair: **Francis Dodoo**, *Pennsylvania State University*

Discussant: **Ayaga Bawah**, *Regional Institute for Population Studies*

- 1 Nomenclature Nonsense? A Qualitative Exploration of Contraceptive Definition and Classification by Respondents' in Ghana, Nigeria, Kenya and DRC • Nurudeen Alhassan*, *African Institute for Development Policy (AFIDEP)*

2 Use of Fertility Awareness Based Methods for Pregnancy Prevention among Ghanaian Women: A Nationally Representative Cross-Sectional Survey • Chelsea B. Polis*, *Guttmacher Institute*

Thursday, December 9, 16:00 - 17:30 UTC

164 RESEARCH LEADER SESSION: LAUNCH OF GENUS THEMATIC SERIES ON CIVIL REGISTRATION AND VITAL STATISTICS SYSTEMS - (SPONSORED BY THE IUSSP 'CRVS' PANEL)

Chair: **Montasser Kamal**, *International Development Research Centre (IDRC)*

Discussant: **Bruno Masquelier**, *Louvain University (UCL)*

1 Genus Thematic Series on CRVS Systems: A Brief Overview • Romesh Silva*, *United Nations Population Fund*

2 Too Precarious to Walk: An Integrated “Three Delays” Framework for Modeling Barriers to Maternal Healthcare and Birth Registration Among Stateless Persons and Irregular Migrants in Malaysia • Amanda Cheong*, *University of British Columbia*

3 On the Magnitude, Frequency, and Nature of Marriage Dissolution in Italy: Insights from Vital Statistics and Life-Table Analysis. • Antonella Guarneri, *Istituto Nazionale di Statistica (ISTAT)*; Francesca Rinesi, *Istituto Nazionale di Statistica (ISTAT)*; Romina Fraboni*, *Istituto Nazionale di Statistica (ISTAT)*; Alessandra De Rose, *Sapienza Università di Roma*

4 Assessing mortality registration in Kerala: The MARANAM Study • Aashish Gupta*, *Harvard University*; Sneha Mani, *University of Pennsylvania*

Thursday, December 9, 16:00 - 17:30 UTC

166 METHODS AND DATA FOR DEMOGRAPHIC ANALYSIS

Chair: **Nadine Ouellette**, *Université de Montréal*

1 Lifesaving and a new ticket to life: A reappraisal of the resuscitation approach • Vanessa di Lego*, *Vienna Institute of Demography*

2 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*; Jose Manuel Aburto, *University of Oxford*; 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*

3 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)*

4 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 Mazzucco, *University of Padova*

Thursday, December 9, 16:00 - 17:30 UTC

167 KEYNOTE: DEMOGRAPHY FAST & SLOW

Chair: **Nico Van Nimwegen**, *NIDI/IUSSP*

1 Francesco Billari*, *Bocconi University*

Thursday, December 9, 16:00 - 17:30 UTC

168 SOCIOECONOMIC EFFECTS OF THE COVID-19 PANDEMIC

Chair: **Murray Leibbrandt**, *University of Cape Town*

1 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*

2 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*

3 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*

4 An empirical estimation of coronapistes' positive spillovers on bicycle commuting in Paris through social influence • Léonard Moulin*, *Institut National d'Études Démographiques (INED)*; Guilhem Lecouteux, *Université Côte d'Azur*

Thursday, December 9, 16:00 - 17:30 UTC

169 CREATING AND USING INTERNATIONAL OR HISTORICAL DATASETS

Chair: **Gilles Pison**, *Muséum National D'histoire Naturelle*

1 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*

2 The New French Human Mortality Database • Florian Bonnet*, *Institut National d'Études Démographiques (INED)*

3 The state of migration and mobility data in Europe: A systematic quality assessment of Eurostat migration data • Maciej J. 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 (Germany) / National Research University Higher School of Economics (Russia)*; Emilio Zagheni, *Max Planck Institute for demographic Research*

4 Estimating stillbirth and stillbirth-adjusted infant mortality: modeled and empirical evidence • Payal Hathi*, *University of California, Berkeley*

5 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*

Thursday, December 9, 16:00 - 17:30 UTC

170 UNDERSTANDING MIGRATION: APPLYING NEW DATA AND METHODS

Chair: **Guy J. Abel**, *Asian Demographic Research Institute, Shanghai University*

1 Bayesian Estimation and Projections 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*

2 Novel 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 Bonnard, *Maison des Sciences de l'Homme*; Sabine J. F. Henry*, *University of Namur*

3 The mobility transition in Asia between 1970-2011 • Wanli Nie*, *UCLouvain*; Ashira Menashe-Oren, *Université catholique de Louvain (UCL)*; Philippe Bocquier, *Université catholique de Louvain (UCL)*

4 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 Soricchetta, *University of Southampton*

Thursday, December 9, 18:00 - 19:30 UTC

171 COVID-19 AND FERTILITY

Chair: **Gustavo De Santis**, *University of Florence*

1 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, *Vienna Institute of Demography*; Dmitri A. Jdanov, *Max Planck Institute for Demographic Research (Germany) / National Research University Higher School of Economics (Russia)*

2 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)*

3 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 W Lim-Soh, *National University of Singapore*

4 Scars from a Previous Epidemic among White and Black Women: Social Proximity to Zika and Fertility Intentions During the Covid-19 Pandemic • Leticia J. Marteleteo*, *University of Texas at Austin*; Molly Dondero, *American University*; Andrew Koepp, *University of Texas at Austin*

5 Fertility Attitudes amid Successive Novel Infectious Disease Outbreaks • Leticia J. Marteleteo*, *University of Texas at Austin*; Molly Dondero, *American University*; Alexandre Gori Maia, *Universidade Estadual de Campinas*

Thursday, December 9, 18:00 - 19:30 UTC

172 AGEING, RETIREMENT, AND SAVING

Chair: **Carole Bonnet**, *Institut National d'Études Démographiques (INED)*

1 Population aging and retirement age policy: period balances, generational imbalances • Fernando Fernandes*, *Postdoctoral Research Fellow, Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*; Cassio M. Turra, *Demography Department, Cedeplar, UFMG*; Eduardo L. G. Rios-Neto, *Centro de Desenvolvimento e Planejamento Regional (CEDEPLAR)*

2 Population Aging and Worklife Duration: Myths and Realities in the Canadian Context • Gilbert Montcho*, *Université de Montréal*; Yves Carrière, *Université de Montréal*

3 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*

4 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*

Thursday, December 9, 20:00 - 21:30 UTC

173 POPULATION SHIFTS AND ENVIRONMENTAL CHANGE: PAST TRENDS, CURRENT CONDITIONS AND FUTURE SCENARIOS

Chair: **Susana Beatriz Adamo**, *CIESIN-Columbia University*

1 Global Warming and the Demographic Future • Tim Dyson*, *London School of Economics and Political Science (LSE)*

2 Household Demographics Mediating Livelihoods, Deforestation and Land Use in the Amazon • Alisson F. Barbieri*, *Universidade Federal de Minas Gerais (UFMG)*

3 The life cycle of indigenous Amazonian households, livelihoods, and environmental impacts: changes over 20 years and future perspectives in Ecuador • Rosa Victoria Salinas*, *Universidad San Francisco de Quito*; Richard Biltsborrow, *University of North Carolina at Chapel Hill*

4 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*

5 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, *Austrian Academy of Sciences*; Raya Muttarak, *Wittgenstein Centre for Demography and Global Human Capital, International Institute for Applied Systems Analysis (IIASA)*

Thursday, December 9, 22:00 - 23:30 UTC

174 SOCIOECONOMIC STATUS AND MORTALITY

Chair: **Víctor M. García-Guerrero**, *El Colegio de Mexico*

1 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 and ICREA*; Amand Blanes, *Centre d'Estudis Demogràfics*

2 Inequalities in Kin Death over the Life Course • Wei Chen*, *Max Planck Institute for Demographic Research (MPIDR)*; Diego Albrez-Gutierrez; Emilio Zagheni, *Max Planck Institute for demographic Research*

- 3 Large and persistent life expectancy disparities among India's social groups • Aashish Gupta*, *Harvard University*; Nikkil Sudharsanan, *Heidelberg University*
- 4 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*
- 5 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, *Harvard University*

Friday, December 10, 02:00 - 03:30 UTC

175 PUBLIC HEALTH AND POLITICAL CRISES: FAMILIAL AND COMMUNITY INFLUENCES ON OUTCOMES FOR CHILDREN

Chair: **Shelley Clark**, *McGill University*

- 1 Family and Community Social Capital on Children's Behavior • Nanxun Li*, *National University of Singapore*
- 2 The conditional indirect effect of polygyny in the relationship between decision autonomy, antenatal care, and birthweight • Tolulope Ariyo*, *Xi'an Jiaotong University*; Quanbao Jiang, *Institute for Population and development Studies, Xi'an Jiaotong University*
- 3 Childhood cognitive impairment after maternal exposure to a public health emergency during pregnancy: a lesson from the SARS pandemic • Chao Guo*, *Institute of Population Research, Peking University*; Xiaoying Zheng, *Peking University*

Friday, December 10, 04:00 - 05:30 UTC

176 DEMOGRAPHIC AND SOCIOECONOMIC ASPECTS OF HEALTH ACROSS MANY GEOGRAPHIES

Chair: **Kim Xu**, *The Australian National University*

- 1 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*
- 2 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*
- 3 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*
- 4 Older Europeans' health perception and their adaptive behaviour during the COVID-19 pandemic • Sonja Spitzer*, *Wittgenstein Centre for Demography and Global Human Capital*; Mujahed Shaikh, *Hertie School of Governance*; Daniela Weber, *Wittgenstein Centre, International Institute for Applied Systems Analysis (IIASA), Vienna University of Economics and Business*

Friday, December 10, 04:00 - 05:30 UTC

177 ETHNICITY, RELIGION AND TRIBE: SOCIOCULTURAL INFLUENCES ON DEMOGRAPHIC BEHAVIOUR

Chair: **Andrzej Kulczycki**, *University of Alabama at Birmingham (UAB)*

- 1 Minority-Majority Religious Group Differences in Fertility: A Propensity Score Matching Approach Applied to South Asia • Saman Naz*, *The Pennsylvania State University*; Mary Shenk, *The Pennsylvania State University*
- 2 Social cohesion among immigrants during COVID-19 • James O'Donnell*, *Australian National University*
- 3 Sociocultural risk factors of birth size of child in ethnically homogenous tribal population in India • Rahul Bawankule*, *International Institute for Population Sciences (IIPS)*

Friday, December 10, 04:00 - 05:30 UTC

178 EMPOWERMENT AND EQUITY IN SEXUAL AND REPRODUCTIVE HEALTH CARE SERVICES

Chair: **Shireen J. Jejeebhoy**, *Aksha Center for Equity and Wellbeing*

- 1 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*
- 2 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*
- 3 Association of women's empowerment with maternal health practices: Evidence from a cross-sectional study with women self-help group members in rural India • Laili Irani; Supriya Verma*, *Population Council*; Avishek Hazra, *Population Council*
- 4 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*

Friday, December 10, 06:00 - 07:30 UTC

179 FERTILITY TRANSITION AND PROSPECTS

Chair: **Stuart Gietel-Basten**, *The Hong Kong University of Science and Technology*

- 1 Fertility transition in Ethiopia: A study using reproductive outcome measures of Bongaarts and Casterline • Mezgebo Gebretsadikan, *Mekele University*; Krishna Ponnappalli*, *Mekelle University*
- 2 Low fertility in Tehran: An agent-based modeling approach • Mohammad Jalal Abbasi-Shavazi*, *The University of Tehran*; Nasibeh Esmacili, *University of Tehran*; Hajjieh Bibi Razeghi Nasrabad, *National Institute for Population Research, Iran.*; Fatemeh Torabi, *University of Tehran*
- 3 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*
- 4 Does the Family's Investments in the First child Affects the Decision to Give Birth to a second child? • Zexu Wang*, *Asian Demographic Research Institute, Shanghai University*
- 5 Non-marital fertility in South Africa: An analysis of trends and socioeconomic factors • Reesha Kara*, *Rhodes University*

Friday, December 10, 08:00 - 09:30 UTC

180 MIGRATION IN THE CONTEXT OF THE COVID-19 PANDEMIC

Chair: **Marie McAuliffe**, .

- 1 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)*
- 2 Going home amidst COVID -19: Character and determinants of return migration to Assam, India • Girimallika Borah*, *Cotton University*
- 3 The impact of COVID-19 on a cohort of internal migrants and non-migrant 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*
- 4 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*
- 5 Assessing the risk of COVID-19 transmission among travellers on airplanes and trains in China • 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

Friday, December 10, 08:00 - 09:30 UTC

181 TRAJECTORIES IN MULTIMORBIDITY

Chair: **K.S. James**, *International Institute for Population Sciences*

- 1 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*
- 2 Intersecting gender, racial, and socioeconomic inequalities in multimorbid life expectancy 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*
- 3 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*
- 4 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, *Stanford University*; Malabika Sarker, *BRAC James P Grant School of Public Health, BRAC University*; Mehedi Hasan, *BRAC James P Grant School of Public Health, BRAC University*; Animesh Talukder, *BRAC James P Grant School of Public Health, BRAC University*

Friday, December 10, 08:00 - 09:30 UTC

182 UNION DISSOLUTION AROUND THE WORLD: PREDICTORS AND OUTCOMES

Chair: **Aart C. Liefbroer**, *Netherlands Interdisciplinary Demographic Institute (NIDI)*

- 1 Trying again: reconciling after cohabitation and marital separation • Edith E. Gray*, *Australian National University*; Ann Evans, *Australian National University*; Anna Reimondos, *Australian National University*
- 2 Migration and residential outcomes for immigrant-native mixed couples upon separation in Switzerland • Julie Lacroix*, *University of St Andrews*
- 3 Correlates of Marital Dissolution Among Ever-married Women in Cameroon: A cross-sectional Demographic and Health Survey • Miranda Ngumbusi Tumanjong*, *N/A*; Stephen Ojiambo Wandera, *Makerere University*; Betty Kwagala, *Makerere University*
- 4 Who moves out and who keeps the home? Short-term and medium-term mobility consequences of grey divorce in Belgium • Christine Schnor*, *UCLouvain*; Zuzana Zilincikova, *UCLouvain*

Friday, December 10, 08:00 - 09:30 UTC

183 MEASUREMENT OF MORTALITY AND CAUSES OF DEATH

Chair: **Philippe Bocquier**, *Universite catholique de Louvain (UCL)*

- 1 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, *Institut National d'Études Démographiques (INED)*; Michael Muehlichen, *Federal Institute for Population Research (BiB)*; France Meslé, *Institut National d'Études Démographiques (INED)*
- 2 Completeness of death registration in India: An empirical approach • Krishna Kumar*, *Jawaharlal Nehru University*; Nandita Saikia, *Jawaharlal Nehru University*
- 3 Low-cost sibling methods for measuring adult mortality • Bruno Masquelier*, *Louvain University (UCL)*; Ashira Menashe-Oren, *Universite catholique de Louvain (UCL)*; Georges Reniers, *London School of Hygiene and Tropical Medicine (LSHTM)*; Ian M. Timaeus, *LSHTM*
- 4 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*

5 Bayesian reconstruction of multi-state mortality • Andrea Tamburini*, *Vienna Institute of Demography*; Dilek Yildiz, *Wittgenstein Centre for Demography and Global Human Capital*

Friday, December 10, 09:00 - 10:30 UTC

P21 POSTER SESSION 21

20 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*

21 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*

22 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)*

23 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*

24 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 Saggurti, *Population Council*; Anita Raj, *University of California, San Diego*

25 Gender, Work and Rural Livelihoods: Glimpses from Handloom Sector in Sualkuchi, Assam • Priyanka Koiri*, *B. Borooah College, Assam*

26 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, *Population Council*; 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 Saggurti, *Population Council*; Rajib Acharya, *Population Council*

27 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*

28 Gender Differences in Sleep Problems among Older Adults in Six Middle-Income Countries: A Cross-sectional Study • Ritu Rani*, *Doctoral Fellow, International Institute for Population Sciences (IIPS)*; Selvamani Yesuvadian, *International Institute for Population Sciences (IIPS)*; Ankit Sikarwar, *International Institute for Population Sciences (IIPS)*

29 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*

30 Poverty and Gender Difference among the Youth of the Douala Metropolis of Cameroon • Nanche Robert*, *university of maroua*

31 Challenges in Accessing Family Planning Services During COVID-19 Lockdown by Urban Poor: Evidence from Indore and Agra • Siddharth Agarwal, *Urban Health Resource Center*; 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)*

32 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*

33 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)*

34 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)*

35 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*

36 Factors affecting domestic violence in women during their pregnancies in northeast India. • Sharatchandra Haobijam*, *Manipur University*; Kshetrimayum Anand Singh, *Manipur University*

Friday, December 10, 10:00 - 11:30 UTC

184 STRENGTHENING THE EVIDENCE BASE FOR INCLUSIVE POPULATION POLICIES

Chair: **Julien Koffi**, *UNFPA*

1 Measuring the Invisible: Data and Estimates of the Population Lacking Proof of Legal Identity • Romesh Silva*, *United Nations Population Fund*; Soumaya Taibi, *UNFPA*

2 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*

3 “Reverse Policies?” Reducing the Legal Minimum Age at Marriage Increases Child Marriage in Mali • Ewa Batyra*, *Center for Demographic Studies*; Luca Maria Pesando, *McGill University*

4 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)*

Friday, December 10, 10:00 - 11:30 UTC

185 FAMILY TRANSITIONS IN LONGITUDINAL PERSPECTIVE

Chair: **Nico Van Nimwegen**, *NIDI/IUSSP*

1 Family Trajectories among Immigrants and Their Descendants in Three 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*

2 An alternative version of the second demographic transition? The link between marriage and fertility and changing pathways to first marriage in Japan • Ryohei Mogi*, *University of Oxford*; 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*

3 Parenthood, Employment, Domestic Labour and Fertility: Piecing the Puzzle together in Australia • Alyce Raybould*, *University College London*; Rebecca Sear, *London School of Hygiene and Tropical Medicine (LSHTM)*

4 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*

Friday, December 10, 10:00 - 11:30 UTC

186 DEMOGRAPHIC ANALYSIS OF THE COVID-19 PANDEMIC

Chair: **Stefano Mazzuco**, *University of Padova*

1 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, *Interdisciplinary Centre on Population Dynamics*; Melinda Mills, *University of Oxford*; Jennifer B. Dowd, *Leverhulme Centre for Demographic Science, University of Oxford*; Ridhi Kashyap, *University of Oxford*

2 County-level socioeconomic disparities in COVID-19 mortality in the United States • Magali Barbieri*, *University of California, Berkely*; Denys Dukhovnov, *University of California, Berkeley*

3 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 Helleringer, *Columbia University*

4 Heterogeneity in subnational mortality due to COVID-19: the case of Belgian districts • Benjamin-Samuel Schlüter*, *Louvain University (UCL)*; Bruno Masquelier, *Louvain University (UCL)*

5 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, *University of California, Berkely*; 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)*; 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)*

Friday, December 10, 10:00 - 11:30 UTC

206 TRAINING SESSION: TOOLS FOR WORKING WITH, ESTIMATING AND VISUALISING MIGRATION DATA IN R

Chair: **Ellen Percy Kraly**, *Colgate University*

1 Training Session • Guy J. Abel*, *Asian Demographic Research Institute, Shanghai University*

Friday, December 10, 11:00 - 12:30 UTC

P22 POSTER SESSION 22

18 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*

19 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*

20 Fertility Intentions from an Origin-Destination Perspective: The Case of Albanian and Romanian Women in Italy • Thaís García Pereiro*, *Università degli Studi di Bari "Aldo Moro"*; Anna Paterno, *Università degli Studi di Bari*

21 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)*

22 Rural-urban gaps in mortality in India among children below 5-years and adult at ages 15-60 years: A critical examination • Usha Ram*, *International Institute for Population Sciences (IIPS)*; Ram Faujdar, *Retired from International Institute for population Sciences (IIPS)*

23 Effet de la migration internationale sur la réalisation des tâches domestiques par les hommes dans les ménages en France • Perpetue Madungu Tumwaka*, *Université Paris Nanterre*

24 Intimate partner violence in Cambodia: Is women's empowerment a protective factor? • Chiew Way Ang*, *Universiti Malaya*; Siow Li Lai, *University of Malaya*

25 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)*

26 Why unmarried young people terminate pregnancy: findings from a qualitative study in China • Mengjun Tang*, *China Population and development Research Center*

27 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*

28 The identification Course of Sex Orientation of Chinese Gay Men • Xiyuan Hu*, *Peking University*; Chao Guo, *Institute of Population Research, Peking University*

29 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)*

- 30 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)*
- 31 Differences in integration outcomes for formerly irregular or regular immigrants in Italy • Angela Papanusso*, *Institute for Research on Population and Social Policies (IRPPS-CNR)*; Mattia Vitiello, *Institute for Research on Population and Social Policies (IRPPS-CNR)*
- 32 The Disempowering Virus. Covid-19 and its effects on settled migrant women. • Daniela Carrillo*, *University of Milan-Bicocca*; Patrizia Farina, *University Milan Bicocca*
- 33 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*
- 34 Barriers in Seeking Maternal and Child Health care in the community: An Intersectionality Approach • Prem Mishra*, *Institute for Social And Economic Change*

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187 WELLBEING AND MENTAL HEALTH OUTCOMES: MEASUREMENTS AND DETERMINANTS

Chair: **Clementine Rossier**, *University of Geneva*

- 1 Household socioeconomic distress and adolescent mental health: Results from an exploratory research study of Magic Bus India Foundation • Swarna Manjari Behera*
- 2 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)*
- 3 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)*
- 4 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)*

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188 IMPACT OF COVID-19 ON CONTRACEPTIVE BEHAVIOUR

Chair: **Georges Guilla**, *Université de Ouagadougou*

- 1 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 Kothiwal*, *Urban Health Resource Centre (UHRC)*
- 2 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*
- 3 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*

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189 POPULATION AND DEVELOPMENT: HUMAN CAPITAL PERSPECTIVES

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

- 1 Determinants of School Dropouts in India: A Study through Survival Analysis Approach • Mausam Kumar*; Poulomi Chowdhury, *International Institute for Population Sciences*
- 2 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)*

3 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)*

4 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

Friday, December 10, 12:00 - 13:30 UTC

190 POST-SHOCK GENDER DYNAMICS

Chair: **Edith E. Gray**, *Australian National University*

1 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)*; Maria Laura Lopez, *CEDEPLAR/UFMG*

2 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*

3 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*

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192 KEYNOTE: HUMAN CAPITAL AND SUSTAINABLE HUMAN WELLBEING

Chair: **Clementine Rossier**, *University of Geneva*

1 Wolfgang Lutz*, *Wittgenstein Centre*

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193 US VS THEM: CULTURAL ASSIMILATION AND ANXIETIES IN THE MODERN WORLD

Chair: **Alaka Basu**, *Cornell University*

1 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*

2 Immigrants' socio-cultural integration trajectories in Quebec • Yao Robert Djogbenou*, *Département de Démographie, Université de Montréal*; Vissého Adjwanou, *Université Du Québec à Montréal*; Solène Lardoux, *Université de Montréal*

3 The interplay of migration and cultural similarity between countries: Evidence from Facebook data on food and drink interests • 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*

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194 ECONOMY, EDUCATION, AND FERTILITY

Chair: **Jocelyn E. Finlay**, *Harvard University*

1 The impact of education on fertility during the Chinese Reform Era • Pau Baizan-Munoz*, *Universitat Pompeu Fabra and ICREA*; Wanli Nie, *UCLouvain*

2 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*

3 College Education and Fertility: The Role of Education Expansion for Behavior Change • Bruna Firmino*, *CEDEPLAR / UFMG*; Raquel Coutinho, *CEDEPLAR - Universidade Federal de Minas Gerais*

4 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*

5 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)*

6 Economic Contexts of Intimacy and Marital Dissolution among Young Women in Malawi • Jeong Hyun Oh*, *The University of Chicago*

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195 COVID-19 IMPACTS ON OLDER ADULTS

Chair: **Iliana V. Kohler**, *University of Pennsylvania*

1 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*

2 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, *University of Manchester*

3 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)*

4 Profiling ageing in South Africa in the era of the coronavirus pandemic • Pranitha Maharaj, *University of KwaZulu-Natal*; Shanaaz Rademeyer*, *University of KwaZulu-Natal*

Friday, December 10, 14:00 - 15:30 UTC

196 POSTPARTUM CONTRACEPTIVE NEEDS AND USE

Chair: **Mahesh Puri**, *Center for Research on Environment Health and Population Activities (CREHPA)*

1 Estimating contraceptive needs in the postpartum period: A population-level comparison of five 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*

2 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*

3 Postpartum contraceptive use among low-income urban women: 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*

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197 SPATIAL NETWORKS, CLUSTERS AND ACCESSIBILITY

Chair: **Leo van Wissen**, *Netherlands Interdisciplinary Demographic Institute (NIDI) and University of Groningen*

1 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*

2 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*

3 Female Labor Force Participation and Care of Children in Coastal New Jersey • Katerine Ramirez*, *Monmouth University*; James Allan, *Monmouth University*; Geoffrey Fouad, *Monmouth University*

Friday, December 10, 14:00 - 15:30 UTC

198 DISADVANTAGE, OPPORTUNITY AND INEQUALITY

Chair: **Sajeda Amin**, *Population Council*

- 1 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*
- 2 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*
- 3 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*
- 4 A Schumpeter Hotel? Surname Status Persistence in Sweden 1880-2016 • Elien van Dongen*, *Lund University*; Martin Dribe, *Lund University*; Björn Eriksson, *Lund University*

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P23 POSTER SESSION 23

- 63 Population Growth in Pre-Industrial England, 1580–1837: Malthusian or anti-Malthusian? • J. Jona Schellekens*, *Hebrew University of Jerusalem*
- 64 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*
- 65 Regional mortality disparities and causes of death in Moldova • Olga Penina*, *Nicolae Testemitanu State University Of Medicine And Pharmacy Of The Republic Of Moldova*
- 66 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)*
- 67 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*
- 68 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, *Doctoral Fellow, International Institute for Population Sciences (IIPS)*
- 69 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*
- 70 Intergenerational Co-residency in the United Kingdom: Differentials by Race/Ethnicity and Nativity • Zohra Ansari-Thomas*, *University of Pennsylvania*
- 71 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*
- 72 International labor migration and economic development: Evidence from Bangladesh • Mahreen Khan*, *Massachusetts Institute of Technology*
- 73 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, *Institut Supérieur des Sciences de la Population (ISSP)*
- 74 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)*
- 75 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*

Friday, December 10, 16:00 - 17:30 UTC

165 IUSSP PANEL SESSION: EMERGING ETHICS AND HUMAN RIGHTS ISSUES IN THE DIGITIZATION OF POPULATION REGISTER SYSTEMS

Chair: **Romesh Silva**, *United Nations Population Fund*
 Chair: **Sofia Gruskin**, *University of Southern California*

Discussant: **Ellen Percy Kraly**, *Colgate University*

Discussant: **Philp Alston**, *Center for Human Rights and Global Justice, New York University*

1 After Race, Tribe and Caste: Repairing Population Registration Systems in the Aftermath of Empire • Keith Breckenridge*, *University of Witwatersrand*

2 Emerging Challenges for Individual Privacy, Basic Rights and Social Welfare of India's Unique ID System and National Population Register • Usha Ramanathan*, *Centre for the Study of Developing Societies, India*

3 Digitization of Uganda's National ID System: Inclusive Social Protection or Arbitrary Exclusion during the COVID-19 Pandemic • Salima Namusobya, *Initiative for Social and Economic Rights, Uganda*; Brian Kiira*, *Initiative for Social and Economic Rights, Uganda*

Friday, December 10, 16:00 - 17:30 UTC

199 AUGMENTING CENSUS AND OTHER DATA TO BETTER UNDERSTAND SPATIAL POPULATION DISTRIBUTIONS

Chair: **Igor Johansen**, *University of Campinas*

1 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*

2 Developing a global living standards measure using census microdata • Rodrigo Lovaton Davila*, *Minnesota Population Center*; Sula Sarkar, *University of Minnesota*

3 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*

4 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)*

Friday, December 10, 16:00 - 17:30 UTC

200 INTERGENERATIONAL RELATIONS, LIVING ARRANGEMENTS AND COVID-19

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

1 Intergenerational relationships and COVID-19 contagion among adults aged 50 years and older in Europe. Evidence from SHARE data. • Damiano Uccheddu*, *University of Louvain (UCLouvain)*; Ester L. Rizzi, *Université Catholique de Louvain*

2 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*

3 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*

4 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*

Friday, December 10, 16:00 - 17:30 UTC

201 PATTERNS IN MARKERS OF TRANSITIONS AND ASSOCIATED FACTORS

Chair: **David Lam**, *University of Michigan*

1 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)*

2 Predicting child labour risks by norms in India • Jihye Kim*, *University of Manchester*; Wendy Olsen, *University of Manchester*; Arkadiusz Wisniowski, *University of Manchester*

3 Composition and Mechanisms: Understanding disparate patterns of school enrollment across three contexts • Sarah Miller*, *The Pennsylvania State University*; Jennifer Glick, *Pennsylvania State University*

4 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, *Universite de Parakou*; Augustin Gnaguenon, *Université Mohammed VI Polytechnique*; Médard Lucien Dahoue, *Université Mohammed VI Polytechnique*

Friday, December 10, 16:00 - 17:30 UTC

205 RESEARCH LEADER SESSION: CONTRACEPTIVE TRANSITION THEORIES (SPONSORED BY THE IUSSP SCIENTIFIC PANEL ON CONTRACEPTIVE TRANSITION THEORIES)

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

1 John B. Casterline*, *Ohio State University*

2 Vladimira Kantorova*, *United Nations*

3 Amy Tsui*, *Johns Hopkins University*

4 John G. Cleland*, *London School of Hygiene and Tropical Medicine (LSHTM)*

5 K. Srinivasan*, *International Institute for Population Sciences (IIPS)*

6 Teresa Castro Martin*, *Consejo Superior de Investigaciones Científicas (csic)*

7 Nyovani Madise*, *African Institute for Development Policy (AFIDEP)*

Friday, December 10, 16:00 - 17:30 UTC

207 CLOSING AND AWARD CEREMONY - IUSSP MATTEI DOGAN AWARD AND BEST POSTER AWARDS

Chair: **Thomas LeGrand**, *University of Montreal*

1 IUSSP-Mattei Dogan Foundation Award for Comparative Research in Demography Keynote on “Male fertility around the World and over time. On tapping untapped data for comparative fertility research. • Bruno D. Schoumaker*, *Universite catholique de Louvain (UCL)*

2 Presentation of Best Poster Awards • Thomas LeGrand*, *University of Montreal*

3 Final Remarks and Presentation of the 2025 International Population Conference venue • Shireen J. Jejeebhoy*, *Aksha Center for Equity and Wellbeing*

Friday, December 10, 18:00 - 19:30 UTC

202 COVID-19 AND WIDENING INEQUALITIES

Chair: **Nandita Saikia**, *Jawaharlal Nehru University*

1 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*

2 ‘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*

3 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)*

Friday, December 10, 18:00 - 19:30 UTC

203 GEOGRAPHIC VARIATIONS IN EDUCATION AND HEALTH

Chair: **Stephen A. Matthews**, *Penn State*

1 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 (Germany) / National Research University Higher School of Economics (Russia)*; 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*

2 Geographic Inequality of COVID-19 in the United States • Johannes Norling*, *Mount Holyoke College*

3 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*

4 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)*

Friday, December 10, 18:00 - 19:30 UTC

204 MULTIDIMENSIONAL LINKS: ENVIRONMENTAL CONDITIONS, FERTILITY, AND REPRODUCTIVE AND MATERNAL HEALTH

Chair: **Karen Hardee**, *What Works Association*

1 Investigating the Relationship Between Seasonal Agricultural Variability and Childbearing Goals • 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*

2 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*

3 Women's Reproductive Response to Challenges of an Agricultural Frontier –The Case of Machadinho d'Oeste in the Brazilian Amazon • Juliana Vasconcelos*, *Cedeplar, UFMG*; Laura L. R. Rodriguez Wong, *Federal University of Minas Gerais, CEDEPLAR*; Alisson F. Barbieri, *Universidade Federal de Minas Gerais (UFMG)*

4 Maternal exposure to heatwave and birth outcomes: Evidence from sub-Saharan Africa • Liliana Andriano*, *University of Oxford*

5 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*

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