WEDNESDAY, MAY 5

9:00 AM — 9:10 AM

Welcome to PAA 2021 - President Robert Hummer and Vice President Marcy Carlson — Open Water

9:15 AM — 10:30 AM

1. Living Arrangements and Caregiving in Later Life — Open Water
2. Neighborhoods, Children, and Youth — Open Water
3. Data and Methods for Causal Inference in Demography — Open Water
4. Advances in Measuring Poverty, Inequality, and Economic Well-being — Open Water
5. Intergenerational Mobility, Home Environment, and Socioeconomic Conditions — Open Water
6. Families and Economic Inequality — Open Water
7. Race, Ethnicity, and Families — Open Water
8. Couples and Men — Open Water
9. Macro Influences on Fertility and Reproductive Health — Open Water
10. Violence, Sexuality, and Reproductive Health — Open Water
11. Discrimination and Health Disparities in the United States — Open Water
12. Social Mobility and Health — Open Water
13. Immigrant Children and Families — Open Water
14. Temporary, Circular, and Return Migration — Open Water
15. Population Health of High-Risk and Hard-to-Reach Populations — Open Water
16. Culture and Population Dynamics — Open Water
17. New Dimensions of Marriage in Southeast Asia — Open Water
18. Population Data—A Management Tool to Achieve Sustainable Development in Africa: Opportunities and Challenges — Open Water

9:30 AM — 11:00 AM

P1. Aging and the Life Course; and Mortality and Morbidity — Open Water Poster Gallery

10:45 AM — 12:00 PM

19. Aging in the COVID-19 Era — Open Water
20. Socioeconomic and Geographic Disparities in Later Life — Open Water
21 International Migration and Child Well-being — Open Water
22 Bayesian Demography II — Open Water
23 Childhood Conditions and Adult Achievement — Open Water
24 Neighborhood Inequality: Processes and Effects — Open Water
25 Policy and Labor Market Constraints on Work and Caregiving — Open Water
26 Predictors of Union Dissolution — Open Water
27 COVID-19 and Fertility — Open Water
28 Innovation and Challenges in Studying Contraceptive Use — Open Water
29 Criminal Justice, Violence, and Health — Open Water
30 Flash: Spatial and Geographic Disparities in Health — Open Water
31 Immigrant and Immigration Policy: Changes and Effects — Open Water
32 New Trends in International Migration — Open Water
33 Methodological Innovations in Mortality — Open Water
34 Critical Demography — Open Water
35 Assessing the Quality of the 2020 Census — Open Water

1:00 PM — 2:15 PM

36 Life Course Connections and Well-being — Open Water
37 Intergenerational Relationships and Health — Open Water
38 Social, Economic, and Demographic Consequences of COVID-19 — Open Water
39 Ethno-Racial Disparities in Education and the Labor Market — Open Water
40 New Insights on the Mechanisms of Housing Inequality — Open Water
41 Family Economic (Dis)Advantage and Child Outcomes — Open Water
42 Union Dissolution Consequences — Open Water
43 Delayed Fertility and Childlessness — Open Water
44 Determinants of Immigrant Fertility — Open Water
45 Reproductive Autonomy — Open Water
46 Flash: Health Deficits and Disparities in a Global Perspective — Open Water
47 Education and Health Outcomes Among Immigrant Youth — Open Water
48 New Data and Methods in Migration Research — Open Water
49 Maternal Morbidity and Mortality — Open Water
50 Flash: Race and Spatial Inequality — Open Water
51 Inequalities in Health: Research from Canada and the United States — Open Water

52 New Frontiers in Comparative Human and Animal Model Research on the Social Dimensions of Aging — Open Water

1:15 PM — 2:45 PM

P2 Applied Demography; Migration and Immigration; and Spatial and Environmental Demography — Open Water
Poster Gallery

2:30 PM — 3:45 PM

53 Cross-National Comparisons of Aging — Open Water

54 Health in Later Life: Patterns and Pathways — Open Water

55 Racial and Ethnic Variation in the Determinants of Child Well-being — Open Water

56 Applied Bayesian Demography — Open Water

57 Families, Social Class, and Intergenerational Mobility — Open Water

58 Poverty and Social Policy — Open Water

59 Families and Public Policy — Open Water

60 Flash: Families and Time Use — Open Water

61 Understanding Contraceptive Behavior in Low- and Middle-Income Countries — Open Water

62 Assessing Fertility Transitions and Variations for Programmatic Implications — Open Water

63 Policy Responses to Low Fertility — Open Water

64 Demographic Perspectives on Chronic Pain and Opioids — Open Water

65 Smoking, Health, and Mortality — Open Water

66 Using Place to Understand Race/Ethnicity and Racialization — Open Water

67 Natural Disasters and Migration in the United States — Open Water

68 Access and Quality of Care in Neonatal Health — Open Water

69 Flash: Race and Economic Inequality — Open Water

70 Forced Migration Research: From Theory to Practice in Promoting Migrant Well-being, With a Focus on the Impact of the COVID-19 Pandemic — Open Water

4:00 PM — 5:15 PM

71 Biodemography of Aging and the Life Course — Open Water

72 Racial Disparities in Aging: Patterns and Determinants — Open Water

73 Period and Cohort Effects on Child/Adolescent Health and Adjustment — Open Water

74 Consequences of COVID-19 — Open Water

75 Education-Related Inequalities: K-12, College, and the World of Work — Open Water
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<td>Quality of Family Planning and Reproductive Health Programs — <em>Open Water</em></td>
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<td>Health Disparities in a Global Context — <em>Open Water</em></td>
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<td>Place and Health in Europe: Looking Across and Within Countries — <em>Open Water</em></td>
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<td>Origin and Contextual Influences on Migration-Climate Connections — <em>Open Water</em></td>
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<td>Global Perspectives on Aging — <em>Open Water</em></td>
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<td>Open-Source Demography — <em>Open Water</em></td>
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**THURSDAY, MAY 6**

**9:00 AM — 9:10 AM**

Welcome to Day 2 - Robert Hummer, PAA President — *Open Water*

**9:15 AM — 10:30 AM**

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<td>Social Stress and the Health of Children and Adolescents — <em>Open Water</em></td>
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<td>Debate and Innovation in Global Population and Health Methods and Metrics — <em>Open Water</em></td>
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<td>Family and Work: Work Schedules, Schedule Control, and Gender Inequality at Work and Home — <em>Open Water</em></td>
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<td>International Intervention to Improve Women’s Sexual Health—Experimental Evidence — <em>Open Water</em></td>
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103  Social Determinants of Child Health — Open Water
104  Racism, White Supremacy, and Demography — Open Water
105  Spatial Demography and Censuses Around the Globe — Open Water
106  COVID-19 and Africa’s Demography — Open Water

9:30 AM — 11:00 AM

P3  Children, Youth, and Intergenerational Ties; and Education, Work, and Economic Inequality — Open Water
Poster Gallery

10:45 AM — 12:00 PM

107  Families and Health in Mid- and Later Life — Open Water
108  Education, Income, and Well-being in the Global Context — Open Water
109  Flash: Public Policy and Child Well-being — Open Water
110  Data: Beyond the Analysis — Open Water
111  Family and Work: Family Policy and Mothers’ Employment — Open Water
112  The Global Pandemic and Subsequent Changes to Work and Family — Open Water
113  Family Mortality and Health — Open Water
114  Adolescent Contraceptive Use — Open Water
115  Family Planning Post FP2020: Insights and New Directions — Open Water
116  Gender and Sexuality in Low- and Middle-Income Countries — Open Water
117  Computational Approaches to Population Health — Open Water
118  Structural Racism and Health — Open Water
119  Migration-Climate Research: Let’s Talk Methods — Open Water
120  Immigrant Incorporation — Open Water
121  Child and Infant Mortality Effects of Non-Health Policies — Open Water
122  Latinx/a/o Demography — Open Water
123  Segregation and Neighborhood Change — Open Water
124  Issues on Both Our Borders: Migration and Politics Between Mexico and the United States — Open Water

1:00 PM — 2:15 PM

125  Alternative Family Forms and Child Well-being — Open Water
126  Contact Patterns and Risk and Prevention of COVID-19 — Open Water
127  Innovations in Statistical and Formal Demography — Open Water
128  Global Perspectives on Gender and Education — Open Water
129  Socio-Spatial Inequality in Economic Well-being — Open Water
130  Family Structure and Child Well-being — Open Water
131  Flash: Union Formation — Open Water
132  The Impact of Household and Faculty Factors on International Family Planning Programs — Open Water
133  Innovations in Measuring Sexual and Reproductive Health — Open Water
134  Gender- and Sexuality-Based Violence — Open Water
135  Flash: Gender, Sexuality, Work, and Family — Open Water
136  Life Course Approaches to Population Health — Open Water
137  Expanded Questions in Migration-Climate Research — Open Water
138  Health and Labor Market Impacts of (Im)Migration — Open Water
139  Gender, Sexuality, and Health — Open Water
140  The Demography of Crime and Punishment — Open Water
141  Long-Term Population Projections: A Roundtable Discussion Among Producers and Expert Consumers — Open Water
142  Teaching Demography — Open Water

1:15 PM — 2:45 PM

P4  COVID-19; Data and Methods; and Race and Ethnicity — Open Water Poster Gallery

2:30 PM — 3:45 PM

143  Dyadic Understandings of Families and Health — Open Water
144  Estimates and Projections: Populations in Decline — Open Water
145  COVID-19 and Job Loss — Open Water
146  Formal Demography—Innovations in Theory and Methods — Open Water
147  Gender, Socialization, and Education — Open Water
148  Job Instability and Unemployment — Open Water
149  Romantic Relationships, Family Relationships, and Mental Health — Open Water
150  Methods to Improve Abortion Measurement — Open Water
151  Fertility and Intergenerational Relationships — Open Water
152  COVID-19: Racial and Ethnic Disparities — Open Water
153  Flash: Policies, Health, and Well-being — Open Water
154  Social and Economic Integration of Refugees — Open Water
155 Selectivity of Migration — Open Water
156 Health Systems and Child Health and Mortality — Open Water
157 Racial/Ethnic Inequalities in Health and Mortality — Open Water
158 The Collateral Consequences of Punishment — Open Water
159 Flash: Innovative Methods in Spatial and Environmental Demography — Open Water
160 Redistricting and the 2020 Census — Open Water

3:15 PM — 4:45 PM

P5 Family Demography; and Historical Demography — Open Water Poster Gallery

4:00 PM — 5:15 PM

161 Gender Disparities in Later Life — Open Water
162 Community-Based Demography — Open Water
163 Demographic and Forecasting Models During Pandemics — Open Water
164 Data in a Crisis: Collecting New and Leveraging Old — Open Water
165 Family and Work: Gender Inequality at Work — Open Water
166 Unemployment, Job Insecurity, and Economic Insecurity — Open Water
167 Family Complexity — Open Water
168 Impact of Abortion Laws and Policies — Open Water
169 Fertility Transition in Low- and Middle-Income Countries — Open Water
170 Sexual and Gender Minorities — Open Water
171 Biosocial Approaches to Population Health — Open Water
172 Social Policy and Population Health — Open Water
173 Contributions of Migrants to Sending and Receiving Societies — Open Water
174 Drivers of Internal Migration — Open Water
175 Excess Mortality Due to COVID-19 in International Comparison — Open Water
176 Policing, Detention, and Criminal Justice — Open Water
177 Innovative Approaches in Residential Segregation and Mobility — Open Water
178 Trends in and Causes of Rising Working-Age Mortality Rates in the United States: Findings From the NASEM Consensus Study on Rising Working-Age Mortality Rates and Socioeconomic Disparities — Open Water

7:00 PM — 9:30 PM

Memorial Service — Open Water

FRIDAY, MAY 7
Welcome to Day 3 - Marcy Carlson, PAA Vice President — *Open Water*

**9:15 AM — 10:30 AM**

179 Genetics and Aging — *Open Water*
180 Impact of Caregiving on Families and Youth — *Open Water*
181 Residential Context and COVID-19 — *Open Water*
182 Mathematical Demography — *Open Water*
183 Historical Studies of Inequality — *Open Water*
184 Flash: Advances in Education and Labor Force Research — *Open Water*
185 Cohabitation and Nonmarital Relationships — *Open Water*
186 Pregnancy During Adolescence — *Open Water*
187 Fertility Intentions: Unique Risk Factors and Predictive Value — *Open Water*
188 Health and Well-being in Sexual and Gender Minority (SGM) Populations — *Open Water*
189 Historical Origins of Health Disparities — *Open Water*
190 Barriers, Facilitators, and Comparative Perspectives on Immigrant Integration — *Open Water*
191 Internal Migration — *Open Water*
192 Environmental and Climate Influences on Morbidity and Mortality — *Open Water*
193 Discrimination and Racial/Ethnic Health Disparities (Including Bio-Social Pathways) — *Open Water*
194 Fertility Responses to Environmental Shocks — *Open Water*
195 Funding for Population Research — *Open Water*

**9:30 AM — 11:00 AM**

P6 Fertility, Family Planning, Sexual Behavior, and Reproductive Health; and Religion and Culture — *Open Water*  
*Poster Gallery*

**10:45 AM — 12:00 PM**

196 Children and Youth With Disabilities and Their Families — *Open Water*
197 COVID-19 and School Closures — *Open Water*
198 New Methods for Modeling Social Stratification and Social Change — *Open Water*
199 Educational Inequality in Developing Countries — *Open Water*
200 Advances in Poverty and Inequality Research — *Open Water*
201 Gender and Families — *Open Water*
202 Flash: Marital and Family Formation and Relationship Outcomes — *Open Water*
203  Sex, Childbearing, and Qualitative Perspectives — Open Water
204  The Structural Determinants of Racial/Ethnic Disparities in Reproductive Health — Open Water
205  Sexual Behaviors and Health — Open Water
206  Intersectionality and Population Health — Open Water
207  Flash: New Research in Historical Demography — Open Water
208  Consequences of Internal Migration — Open Water
209  Adult Mortality in Low- and Middle-Income Countries — Open Water
210  Socioeconomic Status, Families, and Health — Open Water
211  Environment and Social Inequality — Open Water
212  Unequal City: Showcasing Research on Race/Ethnicity, Space, and Inequality in St. Louis — Open Water
213  What Has the U.S. Statistical System Learned From the COVID-19 Pandemic? — Open Water

1:00 PM — 2:15 PM

214  Inequality in the Transition to Adulthood — Open Water
215  COVID-19 and Mental Health — Open Water
216  Remote Sensing, Digital Trace, and Other Alternative Data Sources — Open Water
217  Factors Associated With Educational Outcomes in Developing Countries — Open Water
218  Aging and Caregiving — Open Water
219  Parenthood and The Gender Division of Labor — Open Water
220  Adolescent Reproductive Health in the United States — Open Water
221  Timing and Spacing — Open Water
222  Sexual Minority (LGBQAI+) Populations — Open Water
223  Social Context, Immigration, and Health — Open Water
224  Forced Migration and Gender — Open Water
225  Flash: Effects of Pro- and Anti-Immigrant Climates — Open Water
226  Early-Life Exposures and Health Over the Life Course — Open Water
227  Socioeconomic Status and Mortality in Europe — Open Water
228  Environment, Migration, and Marriage — Open Water
229  Measuring Structural Racism — Open Water
230  Challenges in Evaluation of Census 2020 Data Quality — Open Water

1:30 PM — 3:00 PM

P7  Gender and Sexuality; and Health and Health Behavior — Open Water Poster Gallery
2:30 PM — 3:45 PM

231 Social and Behavioral Determinants of Cognitive Aging Across the Life Course — Open Water
232 The Returns to Education in Young Adulthood — Open Water
233 COVID-19: Risk factors and mortality — Open Water
234 Simulation and Machine Learning in Demography — Open Water
235 Immigrant Educational and Economic Outcomes — Open Water
236 Economic Consequences of Caregiving — Open Water
237 Immigrant, Refugee, and Transnational Families — Open Water
238 Contraceptive Behaviors in Low- and Middle-Income Countries — Open Water
239 Fertility Changes in Less-Developed Countries — Open Water
240 Sex Preference — Open Water
241 Gender, Sexuality, and Health — Open Water
242 Immigration, Health, and Social Context — Open Water
243 Social and Spatial Disparities in Past Epidemics — Open Water
244 Immigrant Health, Education, and Well-being — Open Water
245 Socioeconomic Inequalities in Health and Mortality — Open Water
246 Environment and Population Behaviors — Open Water
247 Understanding the Well-being of LGBTGI+ Populations: Findings From a New National Academies of Science, Engineering, and Medicine Report — Open Water

4:00 PM — 5:30 PM

Presidential Address and Awards Ceremony — Open Water

SATURDAY, MAY 8

8:15 AM — 8:45 AM

Membership Meeting — Open Water

9:00 AM — 9:10 AM

Welcome to Day 4 - Sonalde Desai & Jennifer Van Hook, PAA 2022 Co-Chairs — Open Water

9:15 AM — 10:30 AM

248 Employment Histories, Family, and Health — Open Water
249 The Timing and Sequencing of Events in the Transition to Adulthood — Open Water
250 International Comparisons and the COVID-19 Pandemic — Open Water
251 Flash: Advances in Visualization of Demographic Data — Open Water
252 Intergenerational Transmission of Poverty and Human Capital — Open Water
253 Cultural and Structural Forces Shaping Family Life — Open Water
254 Kinship Beyond the Household — Open Water
255 Contraceptive Use Dynamics — Open Water
256 Outcomes of Pregnancy Intentions — Open Water
257 Mental Health Over the Life Course in India and China — Open Water
258 Leveraging New Digital Data Sources to Address the COVID-19 Pandemic — Open Water
259 Historical Studies of Epidemics and Pandemics — Open Water
260 Immigration Enforcement in the Age of Trump — Open Water
261 Immigration, Race, and Ethnicity — Open Water
262 Climate Change and Health — Open Water
263 Are Generational Categories Meaningful Distinctions for Workforce Management? — Open Water
264 Demography and Public Policy — Open Water

10:45 AM — 12:00 PM

265 Life Course Determinants of Cognitive Aging in Asia and South America — Open Water
266 Intergenerational Relationships Across the Life Course — Open Water
267 International Comparisons and the COVID-19 Pandemic: Case Studies — Open Water
268 Race, Wealth, and Inequality — Open Water
269 Intergenerational Mobility and the Role of Education — Open Water
270 Fathers and Families — Open Water
271 Parenting Resources and Investments — Open Water
272 Traditional/Fertility Awareness–Based Methods — Open Water
273 Immigration and Fertility — Open Water
274 Influences on Gender-Based Violence in Low- and Middle-Income Countries — Open Water
275 Health Effects of Despair, Isolation, and Stress — Open Water
276 Confronting our Eugenic Past: Critical Histories of Demography and the Population Association of America — Open Water
277 Unauthorized/Irregular Migration and Legalization/Regularization — Open Water
278 Flash: Social Networks, Social Support, and Health — Open Water
279 Flash: Religion and Demography — Open Water
280 The Demography of Race and Ethnicity in Latin America — Open Water
DAILY PROGRAM
WEDNESDAY, MAY 5

1  Living Arrangements and Caregiving in Later Life
CHAIR: James M Raymo, Princeton University
DISCUSSANT: Kim Korinek, University of Utah
9:15 AM-10:30 AM — Open Water

1-1  Aging and Care: Parent-Adult Child Geographic Proximity and Implications for Family Care
Elizabeth Peters*, Urban Institute; Stipica Mudrazija, Urban Institute

Melanie Brasher*, University of Rhode Island; Danan Gu, United Nations

1-3  Living Arrangements and Gendered Work Prospect Among Chinese Grandparents
Jing Ye*, University of Maryland; Feinian Chen, University of Maryland

1-4  The Situation and Well-being of Custodial Grandparents in Myanmar: Impacts of Cross-Border and Internal Migration
Bussarawan Teerawichitchainan*, National University of Singapore; Timothy Qing Ying Low, National University of Singapore

2  Neighborhoods, Children, and Youth
CHAIR: Yana Kucheva, City College of New York
DISCUSSANT: Kristin Perkins, Georgetown University
9:15 AM-10:30 AM — Open Water

2-1  Race, Poverty, and Children’s Exposure to Neighborhood Incarceration
Alexander Roehrkasse*, Duke University

2-2  Exploring the Role of Neighborhood Disadvantage and Segregation on Latino Youth Post-Secondary Educational Expectations
Kahli Romano*, Claremont Graduate University; Patrice Sparks, University of Texas at San Antonio

2-3  Trajectories of Neighborhood Attainment From Adolescence to Mid-Adulthood
Rebecca Bielamowicz*, University of North Carolina at Chapel Hill

2-4  New Destinations and Out-of-School Suspension of Mexican-Origin Students
Matthew Snidal*, University of Texas at Austin; Elizabeth Ackert, University of California, Santa Barbara; Robert Crosnoe, University of Texas at Austin

3  Data and Methods for Causal Inference in Demography
CHAIR: Maarten Bijlsma, Max Planck Institute for Demographic Research
DISCUSSANT: Laura Balzer, University of Massachusetts, Amherst
DISCUSSANT: Ian Lundberg, Princeton University
9:15 AM-10:30 AM — Open Water

3-1  The Native American Tribal Disenrollment Epidemic: Combining IVs With Machine Learning
Anna Malinovskaya*

3-2  Multiverse Analysis: Advancements for Functional Form Robustness
Cristobal Young*, Sheridan Stewart, Stanford

3-3  Causal Inference in Population Trends: Searching for Demographic Anomalies in Big Data
Mathew Hauer*, Florida State University; Stephanie Bohon, University of Tennessee

3-4  Deep Learning of Potential Outcomes
Bernard Koch*, University of California, Los Angeles; Tim Sainburg, University of California, San Diego; Pablo Geraldo Bastias, University of California, Los Angeles; Song Jiang, University of California, Los Angeles; Jacob Foster, University of California, Los Angeles; Yizhou Sun, University of California, Los Angeles
4 Advances in Measuring Poverty, Inequality, and Economic Well-being

CHAIR: Christopher Wimer, Columbia University
DISCUSSANT: Leafia Ye, University of Wisconsin–Madison
DISCUSSANT: Liana Fox, US Census Bureau

9:15 AM-10:30 AM — Open Water

4-1 How Public and Private Transfers Have Shaped Levels and Trends of Economic Inequality in the United States since 1980
Gretchen Donehower*, University of California, Berkeley; Ronald Lee, University of California, Berkeley; Andrew Mason, East-West Center; Michael Abrigo, Philippine Institute for Development Studies

4-2 The Poverty Balancing Equation: Expressing Poverty of Place as a Population Process
J. Tom Mueller*, Utah State University

4-3 Intergenerational Differences in Income of Young Adults in Europe
Sonja Spitzer*, University of Vienna; Bernhard Hammer, Austrian Academy of Sciences; Alexia Prskawetz, Austrian Academy of Sciences

4-4 Intersectional Earnings Gaps Advantage
Christian Sprague*, Cornell University; Peter Rich, Cornell University

5 Intergenerational Mobility, Home Environment, and Socioeconomic Conditions

CHAIR: Marcia Carlson, University of Wisconsin–Madison
DISCUSSANT: Hope Harvey, Cornell University
DISCUSSANT: Ravaris Moore, Loyola Marymount University

9:15 AM-10:30 AM — Open Water

5-1 I Got It From My Mama: Intergenerational Transmission of Personality Traits
Marwa AlFakhri*, Duke University; Scott Abrahams

5-2 How Grades Matter Differently for Students’ College Attendance by Socioeconomic Background
Kailey White*, University of Chicago - Urban Labs

5-3 Achievement Gaps Before School in Singapore: Family Socioeconomic Status, Parenting, and Young Children’s Delay of Gratification
Wei-Jun Yeung*, National University of Singapore; Xuejiao Chen, National University of Singapore

5-4 Effect of Female Employment on Child Educational Outcomes: Evidence From an Employment Guarantee Program
Mriga Bansal*, Rutgers University- New Brunswick

6 Families and Economic Inequality

CHAIR: Regina Baker, University of Pennsylvania
DISCUSSANT: Janeria Easley, Emory University

9:15 AM-10:30 AM — Open Water

6-1 Assets, Debts, and Unintended Fertility
Jessica Su*, University of North Carolina at Chapel Hill; Fenaba Addo, University of North Carolina at Chapel Hill

6-2 Economic Dependency and Marital Dissolution in Immigrant Families
Inbar Weiss*, University of Texas at Austin

6-3 Diversity in Family Life Course Patterns and Intra-Cohort Personal Wealth Disparities in Late Working Age
Nicole Kapelle*, Humboldt University of Berlin; Sergi Vidal, Centre for Demographic Studies

6-4 Material Hardship and the Living Arrangements of Older Americans
Colleen Heflin*, Syracuse University; Hannah Patnaik, Syracuse University

7 Race, Ethnicity, and Families

CHAIR: Deadric Williams, The University of Tennessee-Knoxville
DISCUSSANT: Jenifer Bratter, Rice University
7-1 Who Lives Close to Their Kin? Forty Years of Change in the United States
Amy Spring*, Georgia State University; Elizabeth Ackert, University of California, Santa Barbara; Sarah Roche, Georgia State University; Dionne Parris, Georgia State University; Kyle Crowder, University of Washington; Nicole Kravitz-Wirtz, University of California, Davis

7-2 Racialization and Variations in Residential Fathers’ Time With Children
Kei Nomaguchi*, Bowling Green State University; Melissa Milkie, University of Toronto; Amira Allen, Bowling Green State University; Kristen Gustafson, Bowling Green State University

7-3 Racial/Ethnic Differences in Care Networks of Older Adults: Structural Constraint or Cultural Pattern?
Zhiyong Lin*, University of Texas at Austin

7-4 Patterns of Household Extension and Instability: Evidence of Family Institutionalization?
Kelly Raley*, University of Texas at Austin; Carolina Aragão, University of Texas at Austin

8 Couples and Men
CHAIR: Neetu John, Columbia University Mailman School of Public Health
DISCUSSANT: Stan Becker, Johns Hopkins University

8-1 Her, His, and Their Fertility Desires and Contraceptive Behaviors: A Focus on Young Couples in Six Countries
Ilene Speizer*, University of North Carolina at Chapel Hill; Lisa Calhoun, Carolina Population Center

8-2 Applying a Gender-Informed Perspective to Male Engagement in Clinic-Based Family Planning Counseling
Jasmine Uysal*, Nicole Carter, UCSD; Sabrina Boyce, UCSD; Esther Muketo, FHOK; Wilson Liambila, Population Council; Chi-Chi Undie, Population Council; Seri Wendoh, IPPF; Jay Silverman, University of California, San Diego

8-3 Spouses’ Perception of Women’s Empowerment, Attitudes Toward Intimate Partner Violence, and Spousal Concordance on Fertility Intentions
BHAVITA KUMARI*, Tulane University; Mai Do, Tulane University School of Public Health

8-4 The Impact of Schooling Expansion on Men’s Fertility and Attitudes in Sub-Saharan Africa
Monica Grant*, University of Wisconsin–Madison

9 Macro Influences on Fertility and Reproductive Health
CHAIR: Marcos Rangel, Duke University
DISCUSSANT: Tom Vogl, University of Texas at Austin

9-1 Is Fertility Behavior in Africa Different?
Claus Portner*, Seattle University

9-2 Changes in Contraceptive Uses in Time of “Pill Scare”: A Comparison Between Belgium, France, and Switzerland
Mireille Le Guen*, UCLouvain

9-3 The Fracking Boom of the Upper Great Plains, Labor Structure, and Fertility
Andrew Owen*, Northwestern University

9-4 Double Exposure to Novel Infectious Diseases: ZIKV, COVID-19, and the Context of Fertility
Leticia Marteleto*, University of Texas at Austin; Molly Dondero, American University; Andrew Koepp, University of Texas at Austin

10 Violence, Sexuality, and Reproductive Health
CHAIR: Christina Diaz, University of Arizona
DISCUSSANT: Dana Johnson,

9:15 AM-10:30 AM — Open Water

Mahesh Puri*, Center for Research on Environment Health and Population Activities; Dev Maharjan, CREHPA; Minakshi Dahal, CREHPA; Sarah Raifman, UCSF; Nadia Diamond-Smith, University of California, San Francisco
10-2 The Relationship Between Adverse Childhood Experiences and Contraceptive Behaviors Among Male and Female Youth in El Salvador and Honduras
Sarah Huber-Krum*, Centers for Disease Control and Prevention; Stephanie Miedema, Centers for Disease Control and Prevention; Joann Wu Short, Centers for Disease Control and Prevention; Andrés Villaveces, Centers for Disease Control and Prevention; Howard Kress, Centers for Disease Control and Prevention

10-3 Adverse Pregnancy Outcomes Related to Organized Violence: Micro-Level Evidence From Colombia
Signe Svallfors*, Stockholm University; Gudrun Østby, Peace Research Institute Oslo (PRIO); Sunnee Billingsley, Stockholm University

10-4 Genocide and the Risk of HIV in Rwanda: Assessing Differences Across Birth Cohorts
Paola Echave*, The Ohio State University; Kammi Schmeer, The Ohio State University; Hollie Brehm, The Ohio State University; Laura Frizzell, The Ohio State University

11 Discrimination and Health Disparities in the United States

CHAIR: Cynthia Coen, The Ohio State University
DISCUSSANT: Tiffany Green, University of Wisconsin-Madison
DISCUSSANT: Margaret Hicken, University of Michigan

9:15 AM-10:30 AM — Open Water

11-1 Structural Racism and Health Stratification in the United States: Connecting Theory to Measurement
Tyson Brown*, Duke University; Patricia Homan, Florida State University

11-2 A Network Approach to Discrimination and Affect Measures in a Predominately Minority Sample Attending a Predominantly White Institution (PWI)
Faith Dockard*, University of Texas at Austin; Andrew Messamore, University of Texas at Austin; Bridget Goosby, University of Texas at Austin; Jacob Cheadle, University of Texas at Austin

11-3 The Stigma of Fatness at Work: Occupational Characteristics and Wage Penalties of Obesity by Gender and Race
Vida Maralani*, Cornell University; Camille Portier

11-4 Emergency Department Visits for Depression Following Police Killings of Unarmed African Americans
Abhery Das*, Parvati Singh, University of California, Irvine; Anju Kulkarni, University of California, Irvine; Tim-Allen Bruckner, University of California, Irvine

12 Social Mobility and Health

CHAIR: Lauren Gaydosh, Vanderbilt University
DISCUSSANT: Linnea Evans,

9:15 AM-10:30 AM — Open Water

12-1 Early Exposure to County Income Mobility and Adult Individual Health in the United States
Sebastian Daza*, University of Wisconsin Madison; Alberto Palloni, UW-Madison

12-2 Student Loans and Self-reported Physical, Dental, and Mental Health and Healthcare Use During and After College
Arielle Kuperberg*, University of North Carolina at Greensboro; Kennesha Williams, University of North Carolina at Greensboro; Joan Maya Mazelis, Rutgers University - Camden

12-3 Residential Mobility and Preterm Birth Among Non-Hispanic Blacks in California
Tim-Allen Bruckner*, University of California, Irvine; Samantha Gailey, University of California, Irvine; Collete Ncube, Northeastern University

12-4 Childhood Upward Mobility Context and Later-Life Health
Emma Zang*, Yale University; Meera Choi

13 Immigrant Children and Families

CHAIR: Dolores Acevedo-Garcia, Brandeis University
DISCUSSANT: Dolores Acevedo-Garcia, Brandeis University

9:15 AM-10:30 AM — Open Water

13-1 Gender, Family Separation, and Emotional Well-being Among Recent Mexican Migrants
Erika Arenas*, University of California-Santa Barbara; Jenjira Yahirun, Bowling Green State University; GRACIELA TERUEL; Luis Rubalcava, CAMBS
13-2 Immigrants’ School Choice Disadvantage: Evidence From Los Angeles County
Jared Schachner*, Harvard University

13-3 The Impact of State Earned Income Tax Credit (EITC) Policy and Practices on EITC Participation Among Hispanic Families With Children
Yiyu Chen*, Child Trends; Dana Thomson, Child Trends; Lisa Gennetian, Duke University

13-4 Benefits of Citizenship? Effects of Parental Naturalization on Children of Immigrants
Tate Kihara*, Brown University

14 Temporary, Circular, and Return Migration
CHAIR: Claudia Masferrer, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México
DISCUSSANT: Holly Reed, CUNY Institute for Demographic Research
DISCUSSANT: Nicole Denier, University of Alberta
9:15 AM-10:30 AM — Open Water

14-1 How Temporary Worker Programs Shape Migration Policies and Patterns in the United States
David Cook-Martin*, University of Colorado Boulder

14-2 Migration and Inequality: Examining the Impacts of Out- and Return Migration Through an Agent-Based Model
Yunlin Li*; Barbara Entwisle, University of North Carolina at Chapel Hill; Brian Frizzelle, University of North Carolina at Chapel Hill

14-3 Legal Status in Europe and Economic Reintegration in Senegal: Is There a Long-Term Impact?
Cris Beauchemin*, INED; Ognjen Obucina, Institut national d’études démographiques; Adrien Vandenbunder, Institut National d’Études Démographiques (INED); Audrey Lenoël, Institut des Migrations

14-4 The Effects of Return Migration on Job Search Methods: Evidence From Colombia
Claire Le Barbentechon*, Duke University

15 Population Health of High-Risk and Hard-to-Reach Populations
CHAIR: Peter Fallesen, Rockwool Foundation
DISCUSSANT: Lars Andersen, Rockwool Foundation Research Unit
9:15 AM-10:30 AM — Open Water

15-1 Predictors of Inaccurate Reporting of Down Syndrome on the Death Certificate
Scott Landes*, Syracuse University

15-2 Does Food Insecurity Drive Gender-Based Partner Violence? A Case Study of Tanzania
Jacqueline Banks*, University of Minnesota-Twin Cities; Kathryn Grace, University of Minnesota, Twin Cities

15-3 Life Expectancy of Roma and Travellers in Europe
Marc Luy*, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OEAW, WU)

15-4 Excess Mortality Among People Experiencing Homelessness During the COVID-19 Pandemic
Matt Fowle*, University of Washington

16 Culture and Population Dynamics
CHAIR: Michelle Poulin, World Bank
DISCUSSANT: Christine Bachrach, University of Maryland
9:15 AM-10:30 AM — Open Water

16-1 Modernization Before Industrialization: Cultural Roots of the Demographic Transition in France
Guillaume Blanc*, Brown University

16-2 Emotion Cultures and Variation in Fertility
Natalie Nitsche*, Wittgenstein Centre (IIASA, VID/ÖAW, WU)

16-3 Migration as a Driver of Cultural Change: Evidence of Culinary Integration From Facebook Data
Carolina Vieira*, Max Planck Institute for Demographic Research; Sophie Lohmann, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research

16-4
Low Birth Weight and the Religious Environment: Exploring America’s Complex Landscape of Prenatal Health
Joseph Clark*, University of Wisconsin–Madison

17  New Dimensions of Marriage in Southeast Asia
CHAIR: Wei-Jun Yeung, National University of Singapore
9:15 AM-10:30 AM — Open Water

17-1  Contemporary Marriages in Cambodia
Patrick Heuveline*, University of California, Los Angeles

17-2  Do Filipinos Still Say ‘I do’? The Continuing Increase in Non-marriage and Cohabitation in the Philippines
Jeofrey Abolos*, National University of Singapore

17-3  Cross-National Families with Young Children in Singapore
Shuya Lu*, National University of Singapore

17-4  Remarriage in Thailand
Wiraporn Pothisiri*, Chulalongkorn University

17-5  Micro-level Correlates of Early Marriage in Asia
Fatemeh Torabi*, University of Tehran

18  Population Data—A Management Tool to Achieve Sustainable Development in Africa: Opportunities and Challenges
9:15 AM-10:30 AM — Open Water

18-1  Panelist
Alez Ezeh*, Drexel University

18-2  Panelist
Marlene Lee*, Population Reference Bureau

18-3  Panelist
William Muhwava*, United Nations Economic Commission for Africa

18-4  Panelist
Yazoume Ye*, ICF International

P1  Aging and the Life Course; and Mortality and Morbidity
9:30 AM-11:00 AM — Open Water Poster Gallery

P1 -1  Health, Wealth, and Voting Trajectories: Results From the Wisconsin Longitudinal Study
Michal Engelman*, University of Wisconsin–Madison; Won-tak Joo, University of Wisconsin–Madison; Jason Fletcher, University of Wisconsin–Madison; Barry Burden, University of Wisconsin-Madison

P1 -2  Consequences of a Recent Long-Term Care Rebalancing Policy for the Receipt of Family Care by Older Adults
Esther Friedman*, RAND Corporation; Regina Shih, RAND Corporation; Sarah Edgington, RAND Corporation; Jose Escarce, UCLA

P1 -3  Race, Skin Tone, and Cognitive Aging of Puerto Ricans Aging on the Island and Mainland
Mao-Mei Liu*, University of California, Berkeley

P1 -4  Social Security and Retirement in Latin America: Relation to Youth Unemployment
Bernardo Queiroz*, CEDEPLAR; Laetitia De Souza, Population Studies Center / University of Campinas (NEPO / UNICAMP)

P1 -5  COVID-19, Age Structure, and Household Composition by Location in Bogotá: A Demographic Transition Highlighted by the Pandemic

P1 -6  Changes in Literacy Skills as Cohorts Age: A Demographic Reconstruction of Adult Literacy Test Results
Claudia Reiter*, Wittgenstein Centre for Demography and Global Human Capital
The Protective Effects of Informal Care Receipt on Physical and Mental Health Among Older People in China
Yixiao Wang*, King’s College London

The Effects of Opioids on Labor Market Outcomes and Use of Social Security Disability Insurance (SSDI)
Adibah binti Abdulhadi*

Midlife Crisis? Exploring Disparities and Changes in Health Coverage Among Adults Aged 45–64
Laryssa Mykyta*, U.S. Census Bureau; Douglas Conway, U.S. Census Bureau

(Healthy) Aging Patterns in Europe: A Multistate Health Transitions Approach
Aida Solé-Auró*, Universitat Pompeu Fabra; Jordi Guma

Close Family Member Deaths and Physical Health Among American Young Adults
Kaitlin Shartle*, University of North Carolina at Chapel Hill; Robert Hummer, Carolina Population Center; Debra Umberson, University of Texas at Austin

Take a Sad Song and Make It Better: Spousal Activity Limitations, Caregiving, and Depressive Symptoms Among Couples
Sae Hwang Han*, University of Texas at Austin; Kyungmin Kim, Seoul National University; Jeffrey Burr, University of Massachusetts Boston

The Perception Among Medication-Adherent Elderly Individuals That Stopping HIV Treatment Means Death
Ifeolu David*, University of Missouri; Enid Schatz, University of Missouri, Columbia; Tyler Myroniuk, University of Missouri; Nicole Angotti, American University; Sanyu Mojola, Princeton University

An Actor-Partner Interdependence Model of Depressive Symptoms and Body Mass Index Among Chinese Older Couples
Tingshuai Ge*, Xi’an Jiaotong University; Yating Xie, Henan Agricultural University; Quanbao Jiang, Xi’an Jiaotong University

Financial Difficulties and Gender as Moderators of How Workforce Involvement and Transitions Affect the Health of Older Europeans
Jason Settels*, University of Luxembourg

The Great Recession and Later-Life Employment: Race/Ethnicity, Gender, and Perceived Age Discrimination in the Workplace
Duygu Basaran Sahin*, CUNY Institute for Demographic Research

Benedetta Pongiglione*, Bocconi University; PAOLA ZANINOTTO; Bianca De Stavola, University College of London; George Ploubidis, UCL Centre for Longitudinal Studies

Dually Eligible Life Expectancy by Nursing Home Residency
Sarah Petry*, Duke University

Effects of California’s Paid Family Leave on Older Adults
Joelle Abramowitz*, University of Michigan; Marcus Dillender, University of Illinois at Chicago

Causal Effects of Fertility on Life Course Outcomes Among Older Adults: Evidence From a Novel Genetic Instrumental Variable Approach
Boyan Zheng*, University of Wisconsin - Madison; Qiongshi Lu, University of Wisconsin - Madison; Jason Fletcher, University of Wisconsin - Madison

Inequalities Over the Life Cycle: The Role of Welfare and Family Dynamics
Dalila De Rosa*, Ministry of Economy and Finance; Matteo Miglieli; Chiara Pronzato, University of Turin

Examining the Association Between Cytomegalovirus and Disability by Race/Ethnicity and Gender
Grace Noppert*, University of Michigan; Kate Duchowny, University of California, San Francisco

Age-Period-Cohort Effects in Multimorbidity: Evidence From the English Longitudinal Study of Ageing Data
Kamila Kolpashnikova*, University of Oxford; Sara Zella, University of Oxford

Work, Disability, and Retirement: How the Interplay Between Body Mass Index and Heart Conditions Affects Older Individuals’ Trajectories in and Out of the Labor Force
Angelo Lorenti*, Max Planck Institute for Demographic Research; Mikko Myrskyla, Max Planck Institute for Demographic Research

Living Arrangements and Potential Support of Older Adults in Africa
Lara Cleveland*, University of Minnesota

Association Between Graves’ Disease and Alzheimer’s Disease: Evidence From the Medicare System
Hashimoto Thyroiditis and Alzheimer’s Disease: Evidences From the Medicare System
Stanislav Kolpakov Nikin*, Duke University; Arseniy Yashkin, Duke University; Igor Akushevich, Duke University

Spacing Critical Events and Life Satisfaction
Chiara Ludovica Comolli*, University of Lausanne; Danilo Bolano, University of Lausanne; Laura Bernardi, University of Lausanne; Marieke Voortop, FORS

Role of Health and Occupation Switch on Retirement of American Midlife Workers
Yun Taek Oh*, Minnesota Population Center & University of Minnesota

Support for Older Parents From Noncorresident Children in Three Provinces of Vietnam
MINH NGUYEN*, MINH NGUYEN

The Role of Communities of Residences on Older Mexican Adults’ Likelihood of High Depressive Symptoms
Paige Downer*

Double Jeopardy: The Cumulative Toll of Objective and Subjective Weight Status on Health From Early Life to Adulthood
Iliya Gun*, University of North Carolina at Chapel Hill

Partnership Status and Social Connections Among Older Adults: Are There Cohort Differences?
Won Choi*

Trend of the Utilization Rate of Healthcare Service Among the Elderly With Disabilities in China
Chao Guo*, Peking University; Xiaoying Zheng, Peking University

Anja Leist*, University of Luxembourg; Jason Seltjas, University of Luxembourg; Louis Chauvel, University of Luxembourg

Socioeconomic Status, Lifestyle Risk Factors, and Development of Multimorbidity in India: An Analysis of Population-Based Panel Data
Arpita Ghosh*, The George Institute for Global Health India; David Peiris, The George Institute for Global Health; Vivekanand Jha, The George Institute for Global Health India; Perianayagam Arokiasamy, International Institute for Population Sciences

Disease Exposure in Early Life Affects Female Reproduction
Ingrid van Dijk*, Lund University; Therese Nilsson, Lund University; Luciana Quaranta, Lund University

Multidimensional Heterogeneity and the Black-White Mortality Crossover
Casey Breen*, University of California, Berkeley

Self-perceived Risk of HIV Acquisition in Community-Dwelling Older Adults in South Africa
Makandwe Nyirenda*, South African Medical Research Council; Jayanthie Naidoo, South African Medical Research Council; Paul Kowal, World Health Organization; Joel Negin, The University of Sydney

A Dyadic Analysis of the Intergenerational Transmission of Cognitive Schemas and Health Consequences
Eric Klopack*, Ronald Simons, University of Georgia

Gender and Educational Differences in Cognitive Function of Older Adults in India: What Results From Wave 1 of Nationwide Longitudinal Ageing Study in India (LASI) Reveal?

Well-being Adjusted Health Expectancy—A New Summary Measure of Population Health
Magdalena Muszynska-Spielauer*, Marc Luy, Vienna Institute of Demography

Caregiving Older Adults With a Physical Limitation: Evidence From the 2012 Mexican Health and Aging Study
Carlos Diaz-Venegas*, Max Planck Institute for Demographic Research; Rafael Samper-Ternent, University of Texas Medical Branch; Rebeca Wong, University of Texas Medical Branch

Education, Marriage, and Old Age Outcomes
Prasanthi Ramakrishnan*, Washington University in St. Louis

Identifying Race, Ethnicity, Geographic and Gender-Related Hotspots in Alzheimer’s Disease Prevalence, Incidence, and Mortality Over the 1991–2017 Time Period: Evidence From the Medicare System
Neuropsychiatric Behavior Disturbances and Mortality for Older Mexican Americans
Philip R. Cantu*, University of Texas Medical Branch; Soham Al Snih, University of Texas Medical Branch

What Drives at Work in Later Stage of Life Among Chinese and Indian Elderly
Priya Maurya

Detecting Racial Segregation in Activity Space: New Measures Adjusting for Residential Segregation
Liang Cai*, The University of Chicago; Christopher Browning, The Ohio State University

Racial Segregation in Activity Spaces: A Sequence Analysis Approach
Ariel Azar*, University of Chicago; Liang Cai, The University of Chicago

Complexity of Employment Life Courses and Mental Health Later in Life: The Moderating Role of Defamilization Policy Exposure and Gender
Ariel Azar*, University of Chicago

Neighborhood Socioeconomic Status and COVID-19 Pandemic
Kate Choi*, University of Western Ontario; Patrick Denice, University of Western Ontario

Household Wealth and Life Expectancy in India, 1990–2016
Aashish Gupta*, Population Studies Center, University of Pennsylvania

Birth Order, Birth Spacing, and Child Maltreatment: Exploring Resource Dilution Hypothesis
Anna Rybińska*, Duke University; W. Benjamin Goodman, Duke University; Kenneth A. Dodge, Duke University

Participation in Religious Activities and Self-rated Health Among U.S. Adults
Raeven Chandler*, Pennsylvania State University; Alexis Santos-Lozada, Pennsylvania State University

Systolic Blood Pressure and Mortality in South Africa: Evidence From a Nationally Representative Cohort Study
Alpha Oumar Diallo*, University of North Carolina, Chapel Hill; Mohammed Ali, Emory University; Pascal Geldsetzer, Stanford University; Emily Gower, University of North Carolina, Chapel Hill; Trasias Mukama, German Cancer Research Center; Ryan Wagner, University of the Witwatersrand; Justine Davies, University of Birmingham; Maarten Bijlsma, Max Planck Institute for Demographic Research; Nikkil Sudharsanan, Heidelberg Institute of Global Health

How Universal Is the Relationship Between Life Expectancy and the Causes of Death That Matter Most? Variation in the Epidemiologic Transition Based on 70 Years of Historical Mortality Data
Nikkil Sudharsanan*, Heidelberg Institute of Global Health; José Manuel Aburto, University of Oxford; Timothy Riffe, Max Planck Institute for Demographic Research; Alyson van Raalte, Max Planck Institute for Demographic Research

Erosion of the Hispanic Paradox? Projecting the Effects of Obesity on Future Life Expectancy in the United States
Maria Carabello*, University of Michigan; Neil Mehta, University of Texas Medical Branch at Galveston

The Comorbidity of HIV, Hypertension, and Diabetes: A Qualitative Study Exploring the Challenges Faced by Healthcare Providers and Patients in Selected Urban and Rural Health Facilities Where the Integrated Chronic Disease Management (ICDM) Model Is Implemented in South Africa
Motlatso Godongwana*, Nicole De Wet-Billings, University of the Witwatersrand

Predicting Functional Disability in Chile: A Life Course Approach
Sneha Mani*, University of Pennsylvania

Global Progress Toward Survival Targets of International Conference on Population and Development
Kirill Andreev*, United Nations; Mila Andreeva, KAMA Consulting; Toby Andreev, KAMA consulting

Racial and Ethnic Differences in Sleep Duration Life Expectancies Among Older Adults in the United States
Connor Sheehan*, Arizona State University; Marc Garcia, University of Nebraska-Lincoln; Chi-Tsun Chiu, Academia Sinica; Phillip Cantu, University of Texas Medical Branch

The Long Arm of Sedentary Behavior and Exercise in Adolescence for Sleep in Early Adulthood
Connor Sheehan*, Arizona State University; Longfeng Li, Arizona State University; Megan Petrov; Jennifer Mattingly, Arizona State University

Income Support Policies and Racial/Ethnic Disparities in Low Birth Weight in U.S. States
Megan Reynolds*, University of Utah; Ming Wen, University of Utah; Zizheng Song, University of Utah

How Does Time in Agriculture Relate to Child Nutrition? Evidence From Uganda
P1 -65  Active Aging and Social Support: A Cross-National European Comparison
Emanuela Furfaro*, Elvira Pelle, Università degli Studi di Modena e Reggio Emilia; Giulia Rivellini, Università Cattolica del Sacro Cuore; Susanna Zaccarin, Università degli Studi di Trieste

P1 -66  Misfit of Circadian Rhythm Against Social Time
Shiro Furuya*, University of Wisconsin-Madison; Jason Fletcher, University of Wisconsin-Madison; Qiongshi Lu, University of Wisconsin-Madison

P1 -67  Inequality and Compression of Mortality in India for Four Decades: 1970–2015
Mukesh Parmar*, Jawaharlal Nehru University, New Delhi, India

P1 -68  Two-Way Misclassification of Stillbirths and Neonatal Deaths in Household Surveys: Evidence From Tanzania
Alexandria Mickler*, Johns Hopkins University; Henry Kalter, Johns Hopkins University; Alain Koffi, Johns Hopkins University; Li Liu, Johns Hopkins University

P1 -69  Evaluating Pregnancy Reporting and Under-5 Mortality Estimates in HDSS Through Record Linkage With Antenatal Care Clinics
Hallie Eilerts*, London School of Hygiene and Tropical Medicine; Julio Romero Prieto, London School of Hygiene & Tropical Medicine; Georges Reniers, London School of Hygiene and Tropical Medicine

P1 -70  Helpers and Hero(ines): What Occupational Requirements Drive Job Satisfaction Among and Between Men and Women in Care Work Occupations?
Lilla Pivnick*, University of Texas at Austin

P1 -71  Investigating Associations Between Occupational Characteristics and Individual Health
Lilla Pivnick*, University of Texas at Austin; Kelly Raley, University of Texas at Austin; Robert Crosnoe, University of Texas at Austin

P1 -72  The Gender Differences in the Relationship Between Education and Type II Diabetes Prevalence: Decomposing Change for Cohorts Born Between 1935–1954 by Gender
Erik Hernandez*, U.S. Census Bureau

P1 -73  Impact of India’s Conditional Cash Transfer Program on Childhood Immunization Rates
Ruchi Jain*, National Council of Applied Economic Research; Santanu Pramanik, National Council of Applied Economic Research; Sonalde Desai, University of Maryland

P1 -74  India’s Cash Incentive Program for Maternal Care Utilization: Who Benefitted?
Ruchi Jain*, National Council of Applied Economic Research; Santanu Pramanik, National Council of Applied Economic Research; Sonalde Desai, University of Maryland

Luciana Alves*, University of Campinas (UNICAMP); Natália Arruda, University of Campinas; Carlos Beluzo, University of Campinas; Rodrigo Bresan, University of Campinas (UNICAMP); Tiago Carvalho, Federal Institute of São Paulo

P1 -76  Occupational Characteristics and Life Course Health: Evidence From NLSY97
Camille Portier*

P1 -77  On the Smoothing of Death Curves Using Mixtures of Probability Distributions
Lucia Zanò*, Ca’ Foscari, University of Venice; Adelchi Azzalini, University of Padua

P1 -78  Deaths of Despair in the United States and Its Implications for the Mortality of Latinxs
Josefina Flores Morales*, University of California, Los Angeles/ California Center for Population Research; Hiram Beltrán-Sánchez, University of California, Los Angeles

P1 -79  Socioeconomic Inequalities in Adult Mortality in Brazil: An Exploration Analysis Using Machine Learning Models
Natália Arruda*, University of Campinas; Tiago Carvalho, Federal Institute of São Paulo; Luciana Alves, University of Campinas (UNICAMP)

Surbhi Shrivastava*, Emory University; Vijay Mishra, Public Health Foundation of India

P1 -81  The Influence of Socioeconomic Status, Functional and Emotional Health on Self-rated Health Among Italian Nonagenarians
Cosmo Strozza*, University of Southern Denmark; Patrizio Pasqualetti, Fatebenefratelli Foundation for Health Research and Education; Viviana Egidì, Sapienza University of Rome

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P1 -82 Which American States Are Managing COVID-19 Mortality Like Canadian Provinces and Why?
Tyler Myroniuk*, University of Missouri; Michelle Teti, University of Missouri; Enid Schatz, University of Missouri, Columbia; Ifeolu David, University of Missouri

P1 -83 Assessing Data Completeness, Quality, and Representativeness of Justifiable Homicides in the FBI’s Supplementary Homicide Reports: A Research Note
Brian Finch*, University of Southern California; Audrey Beck, San Diego State University; Kyla Thomas

P1 -84 Macro-to-Micro Links Between Expenditure Inequality and Cardiovascular Morbidity
Ayantika Biswas*, International Institute for Population Sciences (IIPS)

P1 -85 Quantifying the Strength of Evidence of Associations Between Alcohol and Health Outcomes Using a Novel Meta-Regression Approach
Dana Bryazka*, Marissa Reitsma, Institute for Health Metrics and Evaluation; Emmanuela Gakidou, Institute for Health Metrics and Evaluation

P1 -86 Exclusive Breastfeeding in Indian Regions and Its Association With Women’s Status
Pooja Arora*

P1 -87 Social Disadvantage and Life Expectancy in Nine Indian States
Sangita Vyas*, University of Texas at Austin; Aashish Gupta, Population Studies Center, University of Pennsylvania; Payal Hathi, UC Berkeley

P1 -88 Disparities in Years of Potential Life Lost Among Racial and Ethnic Groups in Washington State
Sande Stanley*, Solmaz Amiri, Washington State University; Justin Denney, Washington State University; Dedra Buchwald, Washington State University

Bishnu Thapa*

P1 -90 Acculturation, Social Support, and Suicidal Ideation Among Asian Immigrants in the United States
Min Ju Kim*

P1 -91 Correlates of In-Patient Catastrophic Health Spending of Women in India: Infectious Versus Reproductive Diseases
Manali Swargiary*, Dr. Hem Lhungdim, International Institute for Population Sciences

Louise Sundberg*, Neda Agahi, Karolinska Institutet; Jonas Wastesson, Karolinska Institutet; Johan Fritzell, Karolinska Institutet; Stefan Fors, Karolinska Institutet

P1 -93 Multilevel Analysis of Unhealthy Bodyweight Among Women in Malawi: Does Urbanization Really Matter?
Rotimi Afolabi*, Martin Palamuleni, North-West University

P1 -94 Effects of Randomized Audits on Child Mortality in Brazil
Antonio Pedro Ramos*, University of California, Los Angeles

P1 -95 Changes in Incidence of Childhood Obesity: Higher, Younger, More Severe
Solveig Cunningham*, Emory University; Carmen Ng, Emory University; Michael Kramer, Emory University; K.M. Venkat Narayan, Emory University

P1 -96 Examining the Spatial Heterogeneity of Rural-Urban Mortality in Colorado
Cyrus Hester*, Stefan Leyk, University of Colorado; Lori Hunter, University of Colorado Boulder; Myron Gutmann, University of Colorado Boulder

P1 -97 Excess Mortality in the United States in the Twenty-First Century: An Age-Specific Assessment
Samuel Preston*, University of Pennsylvania; Yana Vierboom, Max Planck Institute for Demographic Research

P1 -98 Assessment of Changes in Place of Death of Older Adults Who Died From Dementia in the United States, 2000–2014: A Time-Series Cross-Sectional Analysis
Wei Xu*, University of Wisconsin–Madison; Changshan Wu, University of Wisconsin-Milwaukee; Jason Fletcher, University of Wisconsin–Madison

Ashish Awasthi*

P1 -100 Levels, Spatial and Temporal Variations, and Associated Factors of Twin Excess Mortality From Ages 0–5 in Sub-Saharan Africa: Analyses of National Surveys From 42 Countries
Adama OUEDRAOGO*, Gilles Pison, INED; Sophie Le Coeur, INED; Bassiahi Soura, Universite de Ouagadougou- Burkina Faso

P1 -101 The Excess Mortality of Twins Compared to Singletons From Birth to Age 5 in Sub-Saharan Africa: Analysis of Health and Demographic Surveillance Systems (HDSS) Data
The Spectrum of Reproductive Loss and Its Relationship to Measurement of Early Life Mortality
Payal Hathi*, UC Berkeley

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

The Effect of Droughts on Healthcare Expenditure in Rural India
Divya Pandey*, University of Minnesota

Socioeconomic Status Across the Life Course and Dementia-Status Life Expectancy Among Older Americans
Hyungmin Cha*, University of Texas at Austin; Mateo Farina, University of Southern California; Mark Hayward, University of Texas at Austin

Racial/Ethnic and Gender Disparities in Changing Suicide and Mortality Rates Among U.S. Children, 1999–2018
Ronna Popkin*, Eunice Kennedy Shriver National Institute of Child Health and Human Development; Rebecca Clark, Eunice Kennedy Shriver National Institute of Child Health and Human Development; Juanita Chinn, Eunice Kennedy Shriver National Institute of Child Health and Human Development

Examining Sex Differences in Peruvian Mortality
Helena Cruz Castanheira*, UN/ECLAC/CELADE-Population Division; José Henrique Monteiro da Silva, Economic Commission for Latin America and the Caribbean

Place-Based Inequalities in Persistent Midlife Mortality Risk Across Levels of Rurality and Poverty
Jessica Miller*, Pennsylvania State University

County-Level Geographic Disparities in Mortality Across the United States: Cause-Specific Death Rate, Access to Medical Care, and Demographic, Socioeconomic, and Environmental Factors
Julia Kravchenko*, Duke University School of Medicine; Bryce Wargin, Duke University

Black-White Differences in the Association Between Psychological Distress and Mortality
Yan-Liang Yu*, Howard University

Spatial Patterns of Increase in Mortality of Midlife Americans
Amin Etemadifar*

How to Retire for Better Health: Directly From Full-Time Work or via Partial Retirement?
Masaaki Mizuochi*, Nanzan University

Aging in the COVID-19 Era
CHAIR: Yingling Liu, Baylor University
DISCUSSANT: Iliana Kohler, University of Pennsylvania

Job Transitions and Mental Health Outcomes Among U.S. Adults Aged 55 and Older During the Covid-19 Outbreak
Leah Abrams*, Harvard T.H. Chan School of Public Health; Jessica Finlay, University of Michigan; Lindsay Kobayashi, University of Michigan

The Impact of the COVID-19 Pandemic on Older People’s Depression: The Role of Nonphysical Contacts
Bruno Arpino*, University of Florence; Marta Pasqualini, Universitat Pompeu Fabra; Valeria Bordone, University of Vienna; Aida Solé-Auró, Universitat Pompeu Fabra

Assessing COVID-19 Exposures for At-Risk Populations: Preliminary Findings From the CHART Study
Kate Cagney*, University of Chicago; Erin York Cornwell, Cornell University; Christopher Browning, The Ohio State University; Louise Hawkley, National Opinion Research Center at the University of Chicago; Kevin Brown

Age and COVID-19 Mortality: A Comparison of Gompertz Doubling Time Across Countries and Causes of Death
Isaac Sasson*, Tel Aviv University
Socioeconomic and Geographic Disparities in Later Life

CHAIR: Marc Garcia, University of Nebraska-Lincoln
DISCUSSANT: Adriana Reyes, Cornell University
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20-1 How Do U.S. State Policy Contexts Shape Cause-Specific Mortality?
Jennifer Karas Montez*, Syracuse University; Nader Mehri, Syracuse University

20-2 A Multilevel Analysis of Where Older Adults Die
Aubrey Limburg*

20-3 Geographic Disparities in Mortality From Alzheimer’s Disease and Related Dementias
Arseny Yashkin*, Duke University; Julia Kravchenko; Anatoly Yashin, Duke University; Igor Akushevich, Duke University

20-4 The Rural Roots of Later-Life Cognitive Functioning
Pamela Herd*, Georgetown University; Kamil Sicinski, UW-Madison

International Migration and Child Well-being

CHAIR: Stephanie Potochnick, University North Carolina at Charlotte
DISCUSSANT: Gabriela Sanchez-Soto, University of Houston
DISCUSSANT: Molly Dondero, American University
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21-1 Fathers’ Migration Timing and Disruptions in Children’s Schooling
Scott Yabiku*, Pennsylvania State University; Haoyang Zhang, Pennsylvania State University; Sarah Miller, Pennsylvania State University; Jennifer Glick, Pennsylvania State University

21-2 Impact of International Migration on Educational Mobility Among Children From Migrant-Sending Households: A Source Region Perspective From Kerala
Anu Abraham*, IIT Madras

21-3 International Out-Migration of and the Health of Left-Behind Adolescents in Nepal
Dirgha Ghimire*, University of Michigan; Amit Anshumali, Cornell University; Emily Treleaven, University of Michigan

21-4 Father Migration and Adolescent’s Socioemotional Well-being
Alejandra Abulhele*, Pontificia Universidad Católica de Chile; Agustina Laurito, University of Illinois at Chicago

Bayesian Demography II

CHAIR: Monica Alexander, University of Toronto
DISCUSSANT: Niamh Cahill,
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22-1 Modeling and Forecasting Bilateral Migration Flows for All Countries
Nathan Welch*, University of Washington; Adrian Raftery, University of Washington

22-2 Bayesian Estimation and Model Selection in Group-Based Trajectory Models
Emma Zang*, Yale University; Justin Max, Consumer Edge

22-3 Contraceptive Stalls/Plateaus in Sub-Saharan Africa

22-4 Model-Based Unintended Pregnancy and Abortion Estimates for 150 Countries

Childhood Conditions and Adult Achievement

CHAIR: Jayanti Owens, Brown University
23-1  Trajectories of Downward Mobility in the United States
   Shiva Rouhani*, University of California, Los Angeles; Jennie Brand, University of California, Los Angeles; Xi Song, University of Pennsylvania

23-2  Race, Gender, and Young Adults’ Career Aspirations Across the Transition to Adulthood
   Alyssa Browne*, University of North Carolina at Chapel Hill; Lisa Pearce, University of North Carolina at Chapel Hill; Jessica Hardie, Hunter College, CUNY

23-3  The Timing of School Suspensions, Cumulative Disadvantage, and Black Student Resiliency
   Matthew Snidal*, University of Texas at Austin

23-4  The Effects of Childhood Poverty on Racial Differences in Economic Opportunity in Young Adulthood
   Zachary Parolin*, Columbia University; Christopher Wimer, Columbia University; Jane Waldfogel, Columbia University

24  Neighborhood Inequality: Processes and Effects

   CHAIR: Kendra Bischoff, Cornell University
   DISCUSSANT: Michael Bader, American University

24-1  Racial Stratification and the Consequences of Gentrification on Residential Mobility
   Jackelyn Hwang*, Stanford University; Iris Zhang; Lance Freeman, Columbia University

24-2  The Consistency of White Advantage and the Heterogeneity of Nonwhite Disadvantage: Trajectories of Neighborhood Environments Over the Life Course of Multiple Birth Cohorts
   Jennifer Candipan*, Harvard University; Robert J Sampson, Harvard University

24-3  Immigrant Neighborhoods and Eviction: Hidden Housing Crisis?
   Rebecc Tesfai*, Temple University; Matthew Ruther, University of Louisville

24-4  Neighborhood Effects in the Twenty-First Century: Disadvantage, Density, and the Spatial Distribution of Institutional Resources
   Jared Schachner*, Harvard University

25  Policy and Labor Market Constraints on Work and Caregiving

   CHAIR: Hope Harvey, Cornell University
   DISCUSSANT: Patrick Ishizuka, Washington University in St. Louis

25-1  The Effects of Child Care Subsidies on Paid Child Care Participation and Labor Market Outcomes: Evidence From the Child and Dependent Care Credit
   Gabrielle Pepin*, W.E. Upjohn Institute for Employment Research

25-2  Impacts of State-Paid Family Leave Policies for Family Caregivers of Older Adults
   Elizabeth Peters*, Urban Institute; Breno Braga, Urban Institute; Barbara Butrica, Urban Institute; Stipica Mudrazija, Urban Institute

25-3  Parents’ Flexible Work Arrangements and Developmental Parenting Time
   Jennifer Augustine*, University of South Carolina; Jaeseung Kim, University of South Carolina; Mina Lee

25-4  Mothers’ Nonstandard Work Schedules, Economic Hardship, and Children’s Development
   Afsin Zilanawala*, University of Nottingham; Anika Schenck-Fontaine, Leibniz Institute for Educational Trajectories

26  Predictors of Union Dissolution

   CHAIR: Kelly Raley, University of Texas at Austin
   DISCUSSANT: Diederik Boeren, Centre for Demographic Studies (CED)

26-1  Antecedents of “Grey Divorces” in Europe
   Giammarco Alderottti*, University of Florence; Cecilia Tomassini, Università degli studi del Molise; Daniele Vignoli, University of Florence
Sick of You? A Register-Based Study of Partner’s Health-Related Benefits and Divorce Among Older Working-Age Men and Women in Sweden
Maria Stanfors*, Lund University; Therese Nilsson, Lund University; Anna Welander, Lund University

27-3 Economic Transformation, Relationship Quality, and Marital Dissolution Among Young Women in Malawi
Jeong Hyun Oh*

27-4 Unintended Higher-Order Births and Relationship Stability: Variation by Family Complexity
James Stykes*, Sam Houston State University; Karen Guzzo, Bowling Green State University

27 COVID-19 and Fertility
CHAIR: Karina Shreffler, Oklahoma State University
DISCUSSANT: Alison Gemmill, Johns Hopkins Bloomberg School of Public Health
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27-1 Emotion and Fertility in Times of Disaster: Conceptualizing Fertility Responses to the COVID-19 Pandemic and Beyond
Natalie Nitsche*, Wittgenstein Centre (IIASA, VID/ÖAW, WU); D. Susie Lee, Max Planck Institute for Demographic Research

27-2 Fertility Expectations During COVID-19: A Longitudinal Analysis of Young Men and Women
Wendy Manning*, Bowling Green State University; Karen Guzzo, Bowling Green State University; Monica Longmore, Bowling Green State University; Peggy Giordano, Bowling Green State University

27-3 Trends in the Need for and Use of Contraception Before and During COVID-19 in Four Sub-Saharan African Geographies: Results From Population-Based National or Regional Cohort Surveys
Shannon Wood*, Johns Hopkins Bloomberg School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Funmilola OlaOlorun, University of Ibadan, Ibadan, Nigeria; Pierre Akilimali, Kinshasa School of Public Health; Georges Guiella, Institut Superior Des Sciences de la Population; Peter Gichangi, International Centre for Reproductive Health-Kenya; Linnea Zimmerman*, Johns Hopkins Bloomberg School of Public Health; Phil Anglewicz, Johns Hopkins Bloomberg School of Public Health; Elizabeth Larson, Performance Monitoring for Accountability (PMA), Johns Hopkins Bloomberg School of Public Health; Saifuddin Ahmed, Johns Hopkins Bloomberg School of Public Health; Caroline Moreau, Johns Hopkins Bloomberg School of Public Health

27-4 Baby Boom or Baby Bust? Fertility Effects of the COVID-19 Pandemic
Trude Lappegard*, University of Oslo; Axel Peter Kristensen, University of Oslo; Lars Dimmermuth, Statistics Norway; Tom Kornstad, Statistics Norway; Daniele Vignoli, University of Florence

28 Innovation and Challenges in Studying Contraceptive Use
CHAIR: Amy Finnegan, IntraHealth International
DISCUSSANT: Yoonjoung Choi, iSQUARED Global
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28-1 Rethinking How to Calculate Discontinuation Rates
Aparna Jain*, Population Council, Elizabeth Tobey, Population Council; Sara Chace Dwyer

28-2 Challenges in Differentiating the Effect of Experiencing Side Effects Versus Fearing Side Effects: Evidence From PMA Ethiopia
Linnea Zimmerman*, Johns Hopkins Bloomberg School of Public Health; Dana Sarnak, Johns Hopkins Bloomberg School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Assefa Seme Deresse, Addis Ababa University; Mahari Gidey


28-4 Contraceptive Behavior Dynamics and Pregnancy Experiences in the United States: A Latent Transition Analysis

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### 29 Criminal Justice, Violence, and Health

**CHAIR:** Evelyn Patterson, Vanderbilt University  
**DISCUSSANT:** Rachel Zajdel,  
**DISCUSSANT:** Darwin Baluran,  

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### 30 Flash: Spatial and Geographic Disparities in Health

**CHAIR:** Shannon Monnat, Syracuse University  

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<td>Igor Akushevich*, Duke University; Arseniy Yashkin, Duke University; Julia Kravchenko, Duke University School of Medicine</td>
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<td>Megan Reynolds*, University of Utah, Patricia Homan, Florida State University; Zachary Franzoni, University of Utah</td>
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<td><strong>U.S. State Differences in Rates of Labor Induction, 1990–2015</strong></td>
<td>Andrea Tilstra*, University of Colorado Boulder; Zachary Cramer, Daniel Simon, University of Colorado Boulder; Ryan Masters, University of Colorado Boulder</td>
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<td>Daniel Simon*, University of Colorado Boulder</td>
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<td>Bin Yu*, Duke University; Igor Akushevich, Duke University; Julia Kravchenko</td>
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<td><strong>Decomposing the Rural-Urban Obesity Gap Over Time in the United States</strong></td>
<td>Josefina Flores Morales*, University of California, Los Angeles/ California Center for Population Research; Emma Zang, Yale University; Liying Luo, Pennsylvania State University; Drishti Baid, Duke University</td>
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### 31 Immigrant and Immigration Policy: Changes and Effects

**CHAIR:** Caitlin Patler, University of California, Davis  
**DISCUSSANT:** Danielle Crookes, Emory University  
**DISCUSSANT:** Emily Parker, Cornell University  

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31-2  Structural Racism and Intersectionality in Birth Outcomes: Association of Criminalizing and Inclusive Immigration Policies With Preterm Birth by Race and Nativity Status in the United States
May Sudhanaraset*, UCLA Fielding School of Public Health; Rebecca Woofter, UCLA; Maria Elena Young, UCLA Center for Health Policy Research; Amanda Landrian, UCLA Fielding School of Public Health; Dovile Vilda, Tulane University; Steven Wallace, University of California, Los Angeles

31-3  Spreading Fear: The Announcement of the Public Charge Rule Reduced Enrollment in Child Safety-Net Programs
Jeremy Barofsky*, ideas42

31-4  The Roles of State and Local Immigration Policy in Shaping Spatial and Age Patterns of Health Inequality
Courtney Boen*, University of Pennsylvania; Nick Graetz, University of Pennsylvania; Morgan Peele, University of Pennsylvania; Atheendar Venkataramani, University of Pennsylvania; Robin Ortiz, University of Pennsylvania

32  New Trends in International Migration
CHAIR: Filiz Garip, Cornell University
DISCUSSANT: Matthew Hall, Cornell University
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32-1  A “Brexitodus”? European Migrants in the United Kingdom in the Light of the Facebook Advertising Data
Francesco Rampazzo*, University of Oxford; Jakub Bijak, University of Southampton; Agnese Vitali, University of Trento; Ingmar Weber, Qatar Computing Research Institute, HBKU; Emilio Zagheni, Max Planck Institute for Demographic Research

32-2  Legal Trajectories Among Immigrants in Belgium: A Quantitative Longitudinal Analysis
Bruno Schoumaker*, Université Catholique de Louvain; Mireille Le Guen, UCLouvain; Louise Caron; Wanli Nie

32-3  Harnessing Household Surveys to Broaden Migrant Profiles From Mexico: The Case of the ENOE and ENADID
Andrea Miranda González*, University of California, Berkeley/MPIDR

32-4  The “Internetization” of International Migration
Luca Maria Pesando*, Department of Sociology and Centre on Population Dynamics, McGill University; Valentina Rotondi, University of Oxford; Manuela Stranges, University of Calabria; Ridhi Kashyap, University of Oxford; Francesco Billari, Bocconi University

33  Methodological Innovations in Mortality
CHAIR: Hiram Beltrán-Sánchez, University of California, Los Angeles
DISCUSSANT: Samuel Clark, The Ohio State University
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33-1  Probabilistic Projection of Subnational Life Expectancy
Hana Sevcikova*, University of Washington; Adrian Raftery, University of Washington

33-2  Optimization in Lifesaving Models of Mortality
James Oeppen*, University of Southern Denmark; Jesus-Adrian Alvarez, Interdisciplinary Centre on Population Dynamics, University of Southern Denmark; José Manuel Aburto, University of Southern Denmark; Marie-Pier Bergeron-Boucher, Center on Population Dynamics (CPop), SDU

33-3  Modeling Transient Mortality Shocks in Low-Mortality Populations
Joshua Goldstein*, University of California, Berkeley; Ronald Lee, University of California, Berkeley

33-4  Identifying New Age Patterns of Under-5 Mortality Using the Under-5 Mortality Database
Andrea Verhulst*, University of Pennsylvania; Julio Romero Prieto, London School of Hygiene & Tropical Medicine; Nurul Alam, International Centre for Diarrhoeal Disease Research, Bangladesh; Patrick Gerland, United Nations Population Division; Joanne Katz, Johns Hopkins University; Bruno Lankoande, Université de Ouagadougou; Li Liu, Johns Hopkins University; Georges Reniers, London School of Hygiene and Tropical Medicine; Seema Subedi, Johns Hopkins University; Francisco Villavicencio, Johns Hopkins University, Bloomberg School of Public Health; Michel Guillot, University of Pennsylvania and INED

34  Critical Demography
CHAIR: Leslie Root, University of California, Berkeley
DISCUSSANT: Jennifer Johnson-Hanks, University of California, Berkeley
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<td>Christian Joy Cruz*, University of the Philippines</td>
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<td>Children’s Attainment of Adult Statuses and Health of Aging Parents</td>
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38 Social, Economic, and Demographic Consequences of COVID-19

CHAIR: Marcia Castro, Harvard University
DISCUSSANT: Marília Nepomuceno, Max Planck Institute for Demographic Research

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38-1 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, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research

38-2 COVID-19 and Reproductive Health: The Effect of Stay-at-Home Orders on the Decline in Abortions Performed at the Mexico City’s Public Abortion Program
Fernanda Marquez-Padilla*, Biani Saavedra, Center for Research and Teaching in Economics (CIDE)

38-3 COVID-19 Exposure and Inequality in U.S. Birth Outcomes
Florecia Torche*, Stanford University; Jenna Nobel, University of Wisconsin–Madison

38-4 Avoidable Sectoral Economic Costs of the COVID-19 Pandemic Through Changes in the Population of Active Workers Under Different Scenarios of Social Distancing
Gilvan Guedes*, Universidade Federal de Minas Gerais (UFMG); Rafael Ribeiro; Monica Andrade; Kenya Noronha, UFMG/CEDEPLAR; Cassio Turra, CEDEPLAR; Simone Wajnman, CEDEPLAR; Edson Dominguez, CEDEPLAR; Aline Magalhaes, CEDEPLAR; Monique Felix, CEDEPLAR; Reinaldo Santos, CEDEPLAR; Jeferson Andrade, Statistics Dept/UFMG; Thiago Simonato, CEDEPLAR; Debora Cardoso, CEDEPLAR

39 Ethno-Racial Disparities in Education and the Labor Market

CHAIR: Laura Bellows, University of Virginia
DISCUSSANT: Michelle Maroto, University of Alberta

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39-1 Class Crystallization: Understanding Inequality Across Multiple Dimensions of Well-being
Deirdre Bloome*, University of Michigan; Daniel Schrage, University of Southern California; Jane Furey

39-2 Underemployment and Wage Inequality by Racial/Ethnic and Nativity Among Highly-Educated U.S. Workers
Yao Lu*, Columbia University; Xiaoguang Li, Xi’an Jiaotong University

39-3 Cumulative Disadvantage Dynamics for Palestinian Israeli Arabs in Israel’s Economy
Meir Yaish*, University of Haifa; Limor Gabay-Egozi, Bar-Ilan University, Israel

39-4 Unions and Racial Inequality in Wage Premiums in the United States: A Life Course Approach
Tom VanHeuvelen*, University of Minnesota; Regina Baker, University of Pennsylvania

40 New Insights on the Mechanisms of Housing Inequality

CHAIR: Kendra Bischoff, Cornell University
DISCUSSANT: Laura Tach, Cornell University

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40-1 “We Came So Close in Finding a Place”: Residential Choice, Barriers, and Trade-offs in the Creating Moves to Opportunity Experiment
Stefanie DeLuca*, Johns Hopkins University; Kiara Nerenberg, Johns Hopkins University; Joseph Boselovic

40-2 Moving to the City: An Audit Study Examining the Consequences of Racial/Ethnic Discrimination on Residential Segregation
S. Michael Gaddis*, Nicholas DiRago, University of California, Los Angeles; Raj Ghoshal, Elon University

40-3 Housing the Homeless: The Effect of Housing Assistance on Recidivism to Homelessness, Economic, and Social Outcomes
Elior Cohen*, UCLA - CCPR

40-4 Rising Housing Costs and the Racial Wealth Gap
Joe LaBriola*, University of California, Berkeley

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41  Family Economic (Dis)Advantage and Child Outcomes

**CHAIR:** Regina Baker,* University of Pennsylvania  
**DISCUSSANT:** Kristin Perkins,* Georgetown University  
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41-1 **Net Worth Poverty and Child Development: The Importance of Wealth**  
Lisa Gennetian*; Christina Gibson-Davis,* Duke University; Lisa Keister,* Duke University; Santiago Deambrosi,* Duke University

41-2 **Sibling Spillovers: Having an Academically Successful Older Sibling May Be More Important for Children in Disadvantaged Families**  
Emma Zang*; Yale University; Poh Lin Tan,* National University of Singapore; Philip Cook,* Duke University

41-3 **Parental Bankruptcy and Child Well-being**  
Heather Rackin,* Louisiana State University; Christina Gibson-Davis,* Duke University

41-4 **“If You Need Help, I’ll Help You, but I’m Not Going to Do It for You”: How Parents Negotiate the Use of the Earned Income Tax Credit to Support Their Child’s Transition to Adulthood**  
Dylan Bellisle*

42  Union Dissolution Consequences

**CHAIR:** Adriana Reyes,* Cornell University  
**DISCUSSANT:** Susan Brown,* Bowling Green State University  
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42-1 **Union Dissolutions and Retirement Savings: Examining the Role of Children in Shaping Declining Savings After Separations and Divorces Among Canadian Men and Women**  
Maude Pugliese*; Institut national de la recherche scientifique; David Pelletier, Institut national de la recherche scientifique; Celine Le Bourdais,* McGill University

42-2 **Cumulative Disadvantage or Equalization? The Consequences of Union Dissolution for Women’s Living Standards**  
Bram Hogendoorn*

42-3 **Educational Differences in the Economic Well-being of Divorced Mothers in Japan: The Roles of Employment History, Family Support, and Remarriage**  
James M Raymo*; Princeton University; Jia Wang,* University of Wisconsin-Madison

42-4 **Gendered Effects of Parental Separation on Child Time Investments: A Longitudinal Time-Diary Approach**  
Pablo Gracia*; Trinity College Dublin; Tomas Cano,* University of Frankfurt

43  Delayed Fertility and Childlessness

**CHAIR:** Anna Rybińska,* Duke University  
**DISCUSSANT:** Jennifer Johnson-Hanks,* University of California, Berkeley  
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43-1 **Pathways to Nonparenthood: Insights From Qualitative Data**  
Holly Hummer*

43-2 **Women’s Educational Expansion and the Educational Gradient of Childlessness and Fertility**  
Federica Querin*; Princeton University

43-3 **The Early-Adulthood BMI and Later-Life Childlessness Connection: Operating Through Health, Mental Health, or Union Formation Pathways?**  
D. Susie Lee*; Max Planck Institute for Demographic Research; Natalie Nitsche,* Wittgenstein Centre (IIASA, VID/ÖAW, WU); Kieron Barclay,* Stockholm University

43-4 **The Rising Importance of Noncognitive Abilities for Becoming Fathers: An Analysis on Swedish Data**  
Anne Boschini*; Stockholm University; Lina Aldén,* Linnaeus University; Marianne Sundstrom,* Stockholm University

44  Determinants of Immigrant Fertility

**CHAIR:** Emilio Parrado,* University of Pennsylvania
### 44-1 Variation in Family Size Among First-Generation Korean Immigrants in the United States: The Role of Assimilation and Selectivity  
Jeongsoo Kim*, University of Texas at San Antonio; Gabriela Sanchez-Soto, Rice University

### 44-2 Fertility of Filipino and Indonesian Migrant Workers in Hong Kong  
Tim Liao*, University of Illinois

### 44-3 Impact of Foreign Domestic Workers on the Fertility Decision in Households: Evidence From Hong Kong  
Nobuyuki Nakamura*, The University of Tokyo; Aya Suzuki, The University of Tokyo

### 44-4 Too Early? Too Late? Migrants’ and Natives’ Ideal Timing of Fertility in Spain  
Xiana Bueno*, Centre d’Estudis Demogràfics; Mariona Lozano, Centre for Demographic Studies; Alicia Adsera, Princeton University

### 45 Reproductive Autonomy

**CHAIR:** Leigh Senderowicz, University of Wisconsin - Madison  
**DISCUSSANT:** May Sudhinaraset, UCLA Fielding School of Public Health

#### 45-1 Unequal “Operations”: Female Sterilization and Social Disadvantage in India  
Kanika Sharma*

#### 45-2 Reproduction as the Privilege While Not Reproduction as the Rights: Values Underlying Low-Fertility Intentions in China  
Yuchun Gao*

#### 45-3 Gendered Power Dynamics and Threats to Sexual and Reproductive Autonomy Among Adolescent Girls and Young Adult Women  
Michele Decker*, Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Meagan Byrne, Johns Hopkins Bloomberg School of Public Health; Nathalie N’dry, Association Ivoirienne pour le Bien-Etre Familial (AIBEF); Mary Thiongo, International Centre for Reproductive Health, Kenya; Peter Gichangi, International Centre for Reproductive Health, Kenya; Funmilola OlaOlorun, University of Ibadan, Ibadan, Nigeria; Alain Koffi, Johns Hopkins Bloomberg School of Public Health; Scott Radioff, Johns Hopkins Bloomberg School of Public Health; Amy Tsui, Johns Hopkins Bloomberg School of Public Health

#### 45-4 Trends and the Relationship Between Maternal Health and Empowerment in Pakistan, 2012–2018  
Lindsay Mallick*, University of Maryland; Rabia Zafar, National Institute of Population Studies; Christina Juan; Hanna Useem, The DHS Program (ICF)

### 46 Flash: Health Deficits and Disparities in a Global Perspective

**CHAIR:** Sangita Vyas, University of Texas at Austin

#### 46-1 Impact of Pollution From Coal on the Anemic Status of Children and Women: Evidence From India  
Nidhiya Menon*, Brandeis University

#### 46-2 The Gendered Relationship Between Migration and Noncommunicable Disease Risk: Evidence From a Rural South African Population  
Chantel Phieffer*, Brown University; Stephen McGarvey, Francesc Gomez-Olive, University of the Witwatersrand; Carren Ginsburg, University of the Witwatersrand; Mark Collinson, University of the Witwatersrand; Stephen Tollman, University of Witwatersrand; Michael White, Brown University

#### 46-3 The Effect of Education on Overall and Domain-Specific Cognitive Functioning Among Older Brazilians  
Mateo Farina*, University of Southern California; Joseph Saenz, University of Southern California

#### 46-4 Looking Beyond Averages: Quantile Regression Approach to Model Older-Adult Europeans’ Quality of Life  
Elisa Cisotto*, Free University of Bolzano-Bozen; Giulia Cavrini, Free University of Bolzano-Bozen

#### 46-5 Cross-Level Effects of Union Membership and Density on Depression in Europe  
Megan Reynolds*, University of Utah; Veerle Buffel, University of Antwerp

#### 46-6 Cardiovascular Health of Young Adults in the United States, Canada, and England  
Melissa Martinson*, University of Washington; Hazal Ercin; Nancy Reichman, Robert Wood Johnson Medical School

#### 46-7 Female Life Expectancy Trends for U.S. States and 16 Peer Countries, 1965–2016
# Session 40

## 46-8

**Life Expectancy Across Countries: Convergence, Divergence, and Fluctuations**

Anna-Maria Aksan*, Fairfield University; Shankha Chakraborty, University of Oregon

## 47

### Education and Health Outcomes Among Immigrant Youth

**CHAIR:** Tatiana Padilla,

**DISCUSSANT:** Margot Jackson, Brown University

**DISCUSSANT:** Elizabeth Ackert, University of California, Santa Barbara

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<td>Amy Hsin*, Queens College, City University of New York; Sofya Aptekar, CUNY</td>
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<td>Safe-Zone Schools and the Schooling of Children in Mixed-Status Households</td>
<td>Catalina Amuedo-Dorantes*, University of California, Merced; Jose Bucheli, New Mexico State University; Ana Martinez-Donate, Drexel University</td>
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<td>Mingyu Chen*, Princeton University; Jessica Howell, College Board; Jonathan Smith, Georgia State University</td>
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<td>Josefina Flores Morales*, University of California, Los Angeles/ California Center for Population Research</td>
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### New Data and Methods in Migration Research

**CHAIR:** Filiz Garip, Cornell University

**DISCUSSANT:** Emilio Zagheni, Max Planck Institute for Demographic Research

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<td>Understanding Immigrant Assimilation: An Ego-Centric Networks Approach</td>
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<td>Homeownership of Immigrants in France: Selection Effects Related to International Migration Flows</td>
<td>Laurent Gobillon*, Paris School of Economics; Matthieu Sollignac, Univ. Bordeaux; INED</td>
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### Maternal Morbidity and Mortality

**CHAIR:** Rebecca Clark, Eunice Kennedy Shriver National Institute of Child Health and Human Development

**DISCUSSANT:** Patrice Sparks, University of Texas at San Antonio

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<td>Veronica Toffoluti*, Università Commerciale Luigi Bocconi; Eugenio Paglino; Alexander Kentikelenis, Bocconi University; Letizia Mencarini, Università Bocconi; Anne Biermann, Bocconi University</td>
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<td>Estimating Maternal Mortality Differentials Across Regions in Brazil</td>
<td>Bernardo Queiroz*, CEDEPLAR; Marcia Castro, Harvard University; Rafaela Carnevali, Cedeplar - Federal University of Minas Gerais; Carlos Pinheiro, UFMG; Guilherme Fernandes, UFMG</td>
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<td>Reexamining Racial and Ethnic Disparities in Maternal Mortality in the United States Using Enhanced Vital Records</td>
<td>Marian MacDorman*, University of Maryland; Marie Thom, University of Maryland; Eugene Declercq, Boston University School of Public Health; Elizabeth Howell, University of Pennsylvania</td>
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Severe Maternal Morbidity: Geographic Patterns, Hot Spots, and Cold Spots in the State of New Jersey
Felix Muchomba*, Rutgers University; Julien Teitler, Columbia University; Lakota Kruse, New Jersey Department of Health; Nancy Reichman, Robert Wood Johnson Medical School

Flash: Race and Spatial Inequality
CHAIR: Alisson Barbieri, Universidade Federal de Minas Gerais (UFMG)
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50-1 Race/Ethnicity and Geographic Disparities in Learning-Adjusted Years of Schooling in the United States, 2009–2016
Hunter York*, Princeton University

50-2 The Spatial Hierarchy of the American Metropolis
J.S. Onésimo Sandoval*

50-3 Whites’ Resource Hoarding in Metropolitan Areas: Measuring the “Relative Regional Burden” Black Jurisdictions Bear
Angela Simms*, Barnard College; Ankit Rastogi, University of Wisconsin-Madison

50-4 The Fiscal Demography of the United States
Zachary Parolin*, Columbia University; Rourke O’Brien, Yale University

50-5 White-Latino Residential Segregation in New Destinations: Identifying and Solving an Unrecognized Problem in Segregation Measurement
Mark Fossett*, Texas A&M University; Amber Crowell, California State University, Fresno

Operationalizing Gentrification
Charles Boynton*, Pennsylvania State University

Using Electronic Health Records to Estimate Spatial, Racial, and Socioeconomic Patterns in Healthcare Coverage Among Children in Durham County, NC
Allison Stolte*, Duke University; Giovanna Merli, Duke University; Jillian Hurst, Duke University; Yaxing Liu, Duke University; Charles Wood, Duke University; Ben Goldstein, Duke University

A Paradox in Homelessness: Why Black Communities Observe Lower Rates of Black Homelessness
Paul Muniz*, Bucknell University; Suliarys Contreras, Bucknell University; Clara Elpi, n/a; Mackenzie Majewski, n/a; Lindsey Schwalm, n/a

51 Inequalities in Health: Research from Canada and the United States
CHAIR: Sarah Brauner-Otto, McGill University
DISCUSSANT: Amelie Quesnel Vallee, McGill University
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51-1 A Comparative Analysis of Socioeconomic Disparities in Health in Canada and the United States
Ann Zajacova*, University of Western Ontario

51-2 Not Business as Usual: System Shock and the Well-Being of Canadian Workers During the COVID-19 Pandemic
Scott Schieman*, University of Toronto

51-3 COVID-19 Inequalities in Canada: Patterns and Mechanisms
Arjumand Siddiqi*, University of Toronto

51-4 Multiple Sources of Stress Exposure and Cardiovascular Disease Risk among Black Women: Ethnicity and Nativity Intersections
Christy Erving*, Vanderbilt University

52 New Frontiers in Comparative Human and Animal Model Research on the Social Dimensions of Aging
CHAIR: Kathleen Harris, Add Health - Carolina Population Center
DISCUSSANT: Jenny Tung, Duke University
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Animal Aging in Nature and the Lab: Lessons for Humans
Shripad Tuljapurkar*, Stanford University

Modeling Time-Varying Effects of Early Life Adversity on Survival: Results from an Animal Model
Susan Alberts*, Duke University

A Tale of Two Disciplines: Primatology and Economics Researching Lifelong Human Health
Amanda Dettmer*, Yale University

Ecological Causes of Early Life Adversity and its Consequences in Wild Mammals
Ben Dantzer*, University of Michigan

P2 Applied Demography; Migration and Immigration; and Spatial and Environmental Demography

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Factors Associated With Internal Migration at the Local Level in the United States
Ernesto Amaral*, Texas A&M University; Shih-Keng Yen, Texas A&M University; Jingqiu Ren; Cynthia Luz Cisneros Franco

Immigrant Generation, Race/Ethnicity, and Health Entering Midlife
Fatima Touma*, University of North Carolina at Chapel Hill; Robert Hummer, Carolina Population Center

Examining Effects of Predisposing, Enabling, Need, and Acculturation Variables Associated With Healthcare Access Among Chinese, Filipino, and Asian Indian American Subgroups
Hari Poudel*, University of Missouri, Columbia; Mansoo Yu, University of Missouri

Childhood Disability and Parental Nativity: Does an Immigrant Advantage Exist?
Natalie Young*, U.S. Census Bureau

Rational Fear or Coated Racism: Effect of International Students on Local Communities’ Attitude Towards Immigration
Li Zhu*, Cornell University

Quality of Education in the Countries of Origin and Immigrant Youths’ Academic Achievements in the United States
Po-Chun Huang*, Institute for Demographic and Socioeconomic Research at UTSA

Income Inequality Between South Asians and Local-born Chinese in Hong Kong
Shafei Gu*, University of Hong Kong; Eric Fong, University of Hong Kong

Utilization of Preventive Health Services Among Migrants in Italy: Factors of Inequality and Inequity
Stefania Rimoldi*, Laura Terzera, University of Milano Bicocca

Making Migration Sexy: Immigrants in Same-Sex Couples in the United States
Nathan Hoffmann*, University of California, Los Angeles; Kristopher Velasco

Migration Status and Parent-Child Discrepancies in Educational Expectations: Does Social Capital Matter?
Haoyang Zhang *, Pennsylvania State University

Bayesian Estimation of Internal Migration Flows in Italy Using Population Registers
Emanuela Furfaro*, Federico Castelletti, Università Cattolica del Sacro Cuore; Adrian Raftery, University of Washington

Migration and Ethnic-Racial Identity: Labor Market Integration of Immigrant Populations in Mexico
Nydia Navarrete Suarez*, Colegio del Mexico

Essential to Whom? Measuring the Well-being of Temporary Foreign Workers and Their Families During the Coronavirus Pandemic
Randall Kuhn*, University of California-Los Angeles; Heidi West, University of California, Los Angeles; Abdur Razzaque, International Center for Diarrhoeal Disease Research; Alexander Lawton, UCLA; Shamim Hossain, International Center for Diarrhoeal Disease Research; A.H.M. Golam Mustafa, International Center for Diarrhoeal Disease Research

Demarcation and Difference: Language and Racial Self-identity in Latin America
Andres Rodriguez-Caceres*, Julia Behrman, Northwestern University

Characteristics Associated With the Increase of English-Speaking Ability in the U.S. Foreign-born Population
Kurt Bauman*, US Census Bureau; Sandy Dietrich, U.S. Census Bureau; Erik Hernandez, U.S. Census Bureau
Low-Skilled Immigrants and the Relative Wages of High-Skilled Mothers
Eunhye Kwak*

Karen Haandriksen*, Stockholm University; Charlotta Hedberg, Umeå University; Guillerme Kenji Chihaya, Umeå University

Characterizing High-Skilled Mobility Patterns in Europe From Social Media
Daniela Perrotta*, Diego Alburz-Gutierrez, Max Planck Institute for Demographic Research; Carlos Callejo Peñalba, Aalto University; Kiran Garimella; Tom Theile, Max Planck Institute for Demographic Research; Ingmar Weber, Qatar Computing Research Institute, HBKU; Emilio Zagheni, Max Planck Institute for Demographic Research

Subjective Well-being of Natives and Immigrants in Europe: What Is the Role of the Neighborhood and of the Local Community?
Elena Ambrosetti*, University La Sapienza; Angela Paparuso, Institute for Research on Population and Social Policies

Immigrants Who Entered Italy Irregularly and Immigrants Who Entered Regularly: Which Trajectories of Integration?

Segmented Mobility in the Early Twentieth Century? An Assessment of Intergenerational Mobility Among Immigrant and U.S. Populations
Jennifer Lee*, Christina Diaz, University of Arizona

Family and Informal Child Care Choices: A Comparison Between Migrants and Nonmigrants in Italy
Eleonora Trappolini*, University of Milano-Bicocca; Laura Terzera, University of Milano-Bicocca; Stefania Rimoldi; Elisa Barbiano di Belgiojoso

Toward a Typology of Childhood Internal Mobility: Do Migrants and Nonmigrants Differ?
Joek Kuyvenhoven*, Netherlands Interdisciplinary Demographic Institute (NIDI)/KNAW/University of Groningen; Marjolijn Das, Statistics Netherlands (CBS); Helga de Valk, Netherlands Interdisciplinary Demographic Institute (NIDI)/KNAW/University of Groningen

A Longitudinal Perspective on Irregularity Among Immigrants in Belgium
Mireille Le Guen*, UCLouvain; Louise Caron; Wanli Nie; Bruno Schoumaker, Universite Catholique de Louvain

Monitoring the Venezuelan Exodus Through Facebook’s Advertising Platform
Joao Palo*, Massachusetts Institute of Technology; Natalia Adler, Pebble Analytics; Alfredo Morales-Guzmann, MIT; Jeffrey Villaveces, IMMAP; Vedran Sekara, IT University Copenhagen; Manuel Garcia Herranz, UNICEF; Musa Al-Asad, Global Protection Cluster; Ingmar Weber, Qatar Computing Research Institute, HBKU

Family Life Pathways and Labor Market Participation: Differences Across Migrant Generations, (Parents’)
Country of Birth, and Gender
Kenneth Wilk*, Statistics Norway, research department; Janna Bergsvik, Statistics Norway, Research Department

Partner Choice and Labor Market Outcomes Among the Descendants of Immigrants in Norway
Kenneth Wilk*, Statistics Norway, research department

Health Insurance Coverage Among the Foreign-born Following Affordable Care Act Implementation: Disparities by Migration Status
Claire Altman*, University of Missouri, Columbia; James Bachmeier, Temple University; Chrystal Hamilton, University of Missouri; Cody Spence, Temple University

Inconsistent Condom Use Among Sexually Active Immigrant Youth in South Africa: Case Study of Hillbrow, Johannesburg
Nkechi Obisie-Nmehielle*; Nkechi Obisie-Nmehielle; Ishmael Kalule-Sabiti, North-West University, Mafikeng

How Experiences and Perceptions of Immigration Policies Shape Mental Health Among Day Laborers in the East Bay
Alein Haro*, University of California, Berkeley

Trajectories of Adaptation Over the Life Course: A Multidimensional Analysis for the Children of Immigrants
Eleonora Mussino*, Stockholm University; Caroline Uggla, Stockholm University; Ben Wilson, Stockholm University

Unhealthy Sleep Assimilation
Luca Stella*, Catholic University of Milan; Francesco Billari, Bocconi University; Osea Giuntella, University of Pittsburgh; Fabrizio Mazzonna, University of Lugano

Fertility Differentials From Rural/Urban Migration in Brazil: An Analysis Using Cohort Fertility
Camila Soares*, IFCH/UNICAMP; Everton Lima, IFCH/UNICAMP; Rosana Baeninger, UNICAMP
P2-34  Selection, Experience, and Disadvantage: Integrating Theories of Health Inequality Among U.S. Immigrants
Adrian Bacon*, UCLA Fielding School of Public Health; Heeju Sohn, Emory University

P2-35  Immigrant Status and Oral Health Disparities Among Asians
Chengming Han*

P2-36  Health Status of Refugee, U.S.-born and Immigrant Patients in a Public San Francisco Clinic, 2014–2017
Eva Raphael*, Michelle Barton, UCSF; Rita Hamad, UCSF

P2-37  Are Muslim Immigrants Unassimilated? Cultural Assimilation Trajectories in Immigrants’ Attitudes Toward Working Women
Ka U Ng*

P2-38  Low Birth Weight of Immigrants in Spain: Beyond Healthy Immigrant Hypothesis
Mikolaj Stanek*, Alberto Del Rey, University of Salamanca; Miguel Requena, Universidad Nacional de Educación a Distancia; Jesús García-Gómez

Oscar Rodríguez-Chávez*

P2-40  Modeling International Migration Flows by Integrating Multiple Data Sources
Emanuele Del Fava*, Max Planck Institute for Demographic Research; Arkadiusz Wiśniowski, University of Manchester; Emilio Zagheni, Max Planck Institute for Demographic Research

P2-41  Political Violence, Immigration Policy Restrictiveness, and Asylum-Seeking in Belgium, 1999–2013
Wanli Nie*, Mireille Le Guen, UCLouvain; Louise Caron; Bruno Schoumaker, Université Catholique de Louvain

P2-42  Health Status and Healthcare Utilization Among Migrants in Russia: Is There a Gender Gap?
Sandra Pellet*, Marine de Talancé, Université Gustave Eiffel Marne la Vallée

P2-43  Does Air Pollution Affect the Settlement Intention of the Floating Population in China?
Xinxian Wang*

P2-44  Understanding Livelihood Strategy in Rural India: Is MGNREGS (Mahatma Gandhi National Rural Employment Guarantee Act) Alternative or Complementary to Migration?
Nandan Kumar*, Tanusree Dutta, International Institute for Population Sciences

P2-45  Social Cohesion and Illegal Psychoactive Drug Use Among Immigrants in California
Baksun Sung*, Utah State University; Sojung Lim, Utah State University

P2-46  Social Exclusion and Perceived Discrimination of Project-Induced Migrants: A Gender Perspective
Yining Feng*, Heather Randell, Pennsylvania State University; Guangqing Chi, Pennsylvania State University; Yang Wang, Wuhan University

P2-47  Nattering with the neighbors: Linguistic change in the Canadian Francophone community in the United States, 1910-1930
Evan Roberts*, University of Minnesota

P2-48  Forced Return Migration and Crime: Evidence From El Salvador
Marcela Rubio*

Elwood Carlson*, Florida State University; Elif Bulut, Florida State University

Elif Bulut*, Florida State University; Elwood Carlson, Florida State University

P2-51  Stress and Allostatic Load Among Latinas/os: Evidence From the Hispanic Community Health Study/Study of Latinos
Michael Niño*, Willamette University

P2-52  The Prevalence of Multimorbidity Among Foreign-born Adults in the United States
Rebecca Jones*, Emory University; Lubaba Tasnim, Emory University; Solveig Cunningham, Emory University

P2-53  Refugees From the Land of Cotton: Lynching and the Great Migration
Julia Thomas*, University of Wisconsin-Madison
P2-54 Trends in Internal Migration and Women’s Empowerment in Pakistan, 2012–2018
Courtney Allen*, The DHS Program, ICF; Aysha Sheraz, National Institute of Population Studies; Tesfayi Gebreselassie, ICF

P2-55 Immigrant Parents’ Early Educational Investment in Their Children: Does Migration Selectivity Matter?
Sangyoo Lee*, University of Minnesota

P2-56 Immigrants, Legal Status, and Illegal Trade
Brett McCully*, University of California, Los Angeles

P2-57 Immigrants’ Life Satisfaction in Europe: The Effect of Attitudes Toward Immigrants?
Michaela Sedovic*, London School of Economics and Political Science

P2-58 Risk of COVID-19 Infection Among Refugees in Uganda: A Case Study of Nakivaale Refugee Camp
Elizabeth Nansubuga*, Makerere University; Patricia Ndugga, Makerere University

P2-59 Local Nonfarm Job Versus Migration: Rural People’s Livelihood Changes in China: A Gender and Life Course Perspective
Yuying Tong*, Chinese University of Hong Kong

P2-60 Sanctuary Policy and Immigrant Interstate Mobility
Brittany Blizzard*

P2-61 Adult Child Migration and Household Expenditures
Qingxiao Li*

P2-62 Life Satisfaction of China’s Migrants: Concerning the Two Dimensions of Hukou System and the Potential Institutional Stress
Wan Huang*, Texas A&M University

P2-63 Institutional Pathways and Return Migration Among Skilled Migrants
Elizabeth Jacobs*, University of Pennsylvania

P2-64 A Life Course Perspective on the Integration of Temporary and Permanent Migrants
Zhenxiang Chen*, University of California, Los Angeles

P2-65 Seasonal Variation in Infant Mortality in India
Aashish Gupta*, Population Studies Center, University of Pennsylvania

P2-66 Residential Segregation of Non-European Migrants: East and West Europe Compared Using Individualized Neighborhood Method
Martin Šimon*, Ivana Krizkova

Morrison Smith*, Pennsylvania State University; Guangqing Chi, Pennsylvania State University

P2-68 The Influence of Built Environments Versus Natural Environments on the Body Mass Index Among Chinese Older Adults
Tingshuai Ge*, Xi'an Jiaotong University; Quanbao Jiang, Xi'an Jiaotong University

P2-69 The Big (Genetic) Sort? Reassessing Migration Patterns and Their Genetic Imprint in the United Kingdom
Shiro Furuya*, University of Wisconsin-Madison; Jason Fletcher, University of Wisconsin-Madison; Qiongshi Lu, University of Wisconsin-Madison

P2-70 Land Banking in Shrinking Cities: The Spatial Demography of Governing Abandoned Urban Neighborhoods in the United States
Nicholas DiRago*, University of California, Los Angeles

P2-71 Memories, Fear, and Fertility: Long-Term Effects of Environmental Catastrophe on Childbearing Patterns in Belarus
Cynthia Buckley*, University of Illinois, Urbana Champaign

P2-72 (Un)equally Prepared? Gender Differentials in Flood Preparedness in Brazil and Thailand
Raquel Guimarães*, Universidade Federal do Paraná; Raya Muttar, Vienna Institute of Demography; Roman Hoffmann, Gilvan Guedes, Universidade Federal de Minas Gerais (UFMG); Alisson Barbieri, Universidade Federal de Minas Gerais (UFMG)

P2-73 Associations Between Historic Redlining and Toxic Metal Exposures in Residents of the City of Detroit, Michigan, 2008–2012
Evans Lodge*, University of North Carolina at Chapel Hill; Chantel Martin, University of North Carolina at Chapel Hill; Cherese Beaty, University of North Carolina at Chapel Hill; Allison Aiello, University of North Carolina at Chapel Hill
Better to Grow up Poor in a Rich Place? Social Comparison, Neighborhood Deprivation, and Lives of English Teenagers
Franco Bonomi Bezzo*, Institut National d’Études Démographiques (INED); Pieter Vanhuysse, SDU; Franco Bonomi Bezzo, Institut National d’Études Démographiques (INED)

End of the Line: Impact of New Suburban Rail Stations on Housing Price
Rhea Acuña*, Syracuse University

How COVID-19 May Affect Population Distributions Across the U.S. States?
Leiwen Jiang*, Population Council and Shanghai University; Hamidreza Zoraghein, University of Denver

Under-5 Mortality (USMR) by Districts of India: The Spatial and Environmental Analysis
Paradorn Wongchanapai*, City University of New York

Gender and Liquid Petroleum Gas (LPG) Use After Government Intervention in Rural North India
Sangita Vyas*, University of Texas at Austin; Aashish Gupta, Population Studies Center, University of Pennsylvania; Nazar Khalid, University of Pennsylvania

Water Toxins and Social Disparities in the Mississippi Delta Region
Rachel Rosenfeld*, University of Wisconsin–Madison

Effects of Armed Conflicts on Child Marriages: A Quantitative Assessment
Risha Singh*, Jawaharlal Nehru University

Place and Perception: Connections Between Activity Space and Beliefs in Chitwan, Nepal
Anna Shetler*, Pennsylvania State University; Scott Yabiku, Pennsylvania State University

On the Road Again? Climate Anomalies and Migration Trends in Indonesia
Yunlin Li*, Katie McMahon, University of North Carolina-Chapel Hill; Bethany Stoutamire, University of North Carolina, Chapel Hill; Ann Suk

Temperature, Humidity, and Human Fertility: Evidence From 58 Developing Countries
Michael Geruso*, University of Texas at Austin; Melissa LoPalo, Montana State University; Dean Spears, University of Texas at Austin

Devarupa Gupta*, International Institute for Population Sciences

Rural-Urban Differentials in the Prevalence and Factors of Depression Status in South Africa
Juliana Onuh*, Peter Mbah, University of Nigeria Nsukka; Chukwuedozie Ajaero, University of Nigeria, Nsukka & University of the Witwatersrand; Charles Orjiakor, University of Nigeria Nsukka; Emeka Igboeli, University of Nigeria Nsukka; Chijioke Ayogu, University of Nigeria Nsukka

Educational Differences in Cycling: Evidence From German Cities
Ansgar Hudde*

Developing a Global Living Standards Measure Using Census Microdata
Rodrigo Lovaton*, University of Minnesota; Sula Sarkar, University of Minnesota

Daily Dynamics of Income and Racial Spatial Segregation in U.S. Cities
Cody Reed*

Geographic Isolation and Flood-Related Vulnerability in Peru
Hugh Roland*, University of Wisconsin–Madison; Kristen Malecki; Katherine Curtis, University of Wisconsin–Madison

Identifying Underutilized Data Sources to Research the Effect of Place and Policies on Immigrant Health
Chenoa Allen*, University of Missouri

Examining the Link Between Distances From Local Food Centers and Child Health in Tanzania
Oforiwaa Pee Agyei-Boakye*, University of Minnesota-Twin Cities

Do Immigrants in Rural America Lag Behind? A Look at Inter- and Intra-Economic Inequalities by Metropolitan Status in the United States
Rachel Sparkman*, Florida State University; Kathryn Tillman, Florida State University

Healthcare Bypass and the Correlates of Place
Jorden E Jackson*, Penn State University; Michael R Cope, Brigham Young University; Scott Sanders, Brigham Young University; Hayley Pierce, Brigham Young University

Residential Attainment of Self-employed Asian Immigrants Across Urban American Settlement Destinations
Wendie Choudary*, University at Albany, SUNY
The Potential Impacts of Differential Privacy on New Net Migration Estimates
Richelle Winkler*, Michigan Technological University; Jaclyn Butler, Pennsylvania State University; Katherine Curtis, University of Wisconsin–Madison; David Egan-Robertson, University of Wisconsin-Madison

The Unfolding of Climate Injustice: Projections of Social Inequalities as a Result of Climate Change in the United States
Matthew Hauer*, Florida State University; R. Kyle Saunders; Daniel Shtob, CUNY - Brooklyn College

Inversions in Close U.S. Presidential Elections, 1836–2016
Michael Geruso*, University of Texas at Austin; Dean Spears, University of Texas at Austin; Ishaana Talesara

Projections of Demand for Care Among People Aged 65 and Over: Microsimulation Approach
Wojciech Łątkowski*, Szkoła Główna Handlowa w Warszawie

Forecasting Prevalence of Alzheimer’s Disease and Related Dementias Using the McKendrick-von Foerster’s Model
Igor Akushevich*, Duke University; Arseniy Yashkin, Duke University; Julia Kravchenko, Duke University School of Medicine; Konstantin Arbeev, Duke University; Bill Wrobleski, Duke University; Anatoliy Yashin, Duke University

Labor Force Participation in the Twenty-First Century
Adi Singh*

Cross-National Comparisons of Aging
CHAIR: Neil Mehta, University of Texas Medical Branch
DISCUSSANT: Jinkook Lee, University of Southern California
DISCUSSANT: Rebeca Wong, University of Texas Medical Branch

Socioeconomic Inequalities in Frailty Distribution: A Cross-National Comparison of the United States and England
Rachel Wilkie*; Jennifer Ailshire, University of Southern California

When More Is Not Better: Number of Children and Health Among Older Adults in 20 Countries
Radoslaw Antczak*, SGH Warsaw School of Economics; Nekehia Quashie, TU Dortmund University; Bruno Arpino, University of Florence; Christine Mair, University of Maryland, Baltimore County

His Intentions, Her Intentions: Marital Histories and Retirement Intentions Among European Parents
Younga Kim*

How Do Elderly People Spend Their Time? Gender Gaps and Educational Gradients in Time Use in East Asian and Western Countries
Man Yee Kan*, University of Oxford; Muzhi Zhou, University of Oxford; Kamila Kolpashnikova, University of Oxford; Ekaterina Hertog; Shohei Yoda, National Institute of Population and Social Security Research; Jiweon Jun, Seoul National University

Health in Later Life: Patterns and Pathways
CHAIR: Heide Jackson, University of Maryland
DISCUSSANT: Michal Engelman, University of Wisconsin–Madison

Life Course Trajectories of Subjective Health: Testing Longitudinal Models for Self-rated Health From Adolescence to Midlife
Iliya Gutin*, University of North Carolina at Chapel Hill; Kenneth Bollen, University of North Carolina at Chapel Hill

Health Selection or Health Causation? Gender and the Causal Connection Between Livelihoods and Health
Erin Ice*, University of Michigan; Sanyu Mojola, Princeton University; Nicole Angotti, American University; Brian Houle, The Australian National University; Francesc Gomez-Olivé, University of the Witwatersrand

Rural/Urban Dwelling Across the Life-Course and Late-Life Cognitive Ability in Mexico
Joseph Saenz*, University of Southern California; Brian Downer, University of Texas Medical Branch; Marc Garcia, University of Nebraska-Lincoln; Rebeca Wong, University of Texas Medical Branch

Racial and Ethnic Variation in the Determinants of Child Well-being
55-1 The Efficacy of Cash Supports for Children by Race and Family Size: Understanding Disparities and Opportunities for Equity
Megan Curran*, Columbia University

55-2 Childhood Family Instability and Union Formation During Early Adulthood
Deirdre Bloome*, University of Michigan; Paula Fomby, University of Michigan; Yang Zhang, University of Michigan

55-3 Long-Term Trends and Ethnoracial Inequality in Substitute Care of U.S. Children
Alexander Roehrkasse*, Duke University

55-4 Language, Literacy, and Executive Functions Mediate Socioeconomic Disparities in Bidirectional Math and Science Achievement: A Random Effects Cross-Lagged Panel Analysis of Between- and Within-Person Relationships
George Farkas*, University of California-Irvine; Yoonkyung Oh, University of Texas Health Science Center at Houston; Paul Morgan, Pennsylvania State University; Marianne Hillemeier, Pennsylvania State University

56 Applied Bayesian Demography
CHAIR: Monica Alexander, University of Toronto
DISCUSSANT: Carl Schmertmann, Florida State University
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56-1 Using Multilevel Regression With Post-Stratification to Estimate Subnational Age-Specific Contact Patterns
Casey Breen*, University of California, Berkeley; Dennis Feehan, University of California, Berkeley; Ayesha Mahmud, University of California, Berkeley

56-2 Indirect Estimation of Mortality Schedule From Summary Birth History: A Singular Value Decomposition-Based Bayesian Approach
Yue Chu*, Ohio State University; Samuel Clark, The Ohio State University

56-3 Spatial Point Process Models for Population Estimation and Mapping
Warren Jochem*, University of Southampton; Andrew Tatem, University of Southampton

56-4 A New Model for Small Area Estimation, With Application to Subnational Under-5 Mortality Risk Estimation in Low- and Middle-Income Countries
Jon Wakefield*, University of Washington; Jessica Godwin, University of Washington; Zehang Li; Yunhan Wu, University of Washington

57 Families, Social Class, and Intergenerational Mobility
CHAIR: Jayanti Owens, Brown University
DISCUSSANT: Lauren Gaydosh, Vanderbilt University
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57-1 Multidimensional Intergenerational Mobility
Jason Fletcher*, University of Wisconsin - Madison; Katie Jajtner, University of Wisconsin-Madison

57-2 Socioeconomic Background and Gene-Environment Interplay in Social Stratification Across the Early-Life Course
Jani Erola*, University of Turku; Hannu Lehti, University of Turku; Tina Baier, University of Oslo; Aleksi Karhula, University of Turku

57-3 Family and Education at a Crossroads: First Gen Latinx College Student Experiences at an Elite Public University
Maria Romo-Gonzalez*, University of California, Berkeley; Mao-Mei Liu, University of California, Berkeley

57-4 Early Cohabitation and Educational Attainment in Young Adulthood
Fenaba Addo*, University of North Carolina at Chapel Hill; Sharon Sassler, Cornell University; Yiling Zhang, University of Wisconsin-Madison

58 Poverty and Social Policy
CHAIR: Christopher Wimer, Columbia University
DISCUSSANT: Maggie Thomas, Columbia University
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58-1 The Role of State-Level Policies in Promoting Economic Well-being
Sarah Gold*, Princeton University; Alexandra Haralampoudis

58-2 Social Safety Nets and Spatial Predation: How State Welfare Environments Shape High-Interest Lender Geography
Megan Bea*, University of Wisconsin-Madison; Mariana Amorim, Washington State University; Terri Friedline, University of Michigan

58-3 Effects of Welfare Reform on Food Insecurity Across Generations
Hope Corman*, Rider University; Dhaval Dave, Bentley University; Ofira Schwartz-Soicher, Princeton University; Nancy Reichman, Robert Wood Johnson Medical School

58-4 Do Federal Place-Based Policies Improve Economic Opportunity in Rural Communities?
Emily Parker*, Cornell University; Laura Tach, Cornell University; Cassandra Robertson, Cornell University

59 Families and Public Policy

CHAIR: Allison Dwyer Emory, University at Buffalo
DISCUSSANT: Lenna Nepomnyaschy, Rutgers School of Social Work
DISCUSSANT: Wade Jacobsen, University of Maryland

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59-1 Measuring Family Policy Indicators and the Effects on Women’s Labor Force Outcomes
Brigid Cotter*

59-2 Quasi-Experimental Evidence on the Effects of Expanding Temporary Assistance for Needy Families (TANF) Cash Assistance
Matthew Freedman*, University of California Irvine; Yoonjung Kim, University of California Irvine

59-3 Silenced: Consequences of the Nuisance Property Ordinances
Aria Golestani*

59-4 Intrahousehold Property Ownership and Children’s Outcomes in China
Emma Zang*, Yale University; Qinyou Hu; Zitong Wang, The Chinese University of Hong Kong

60 Flash: Families and Time Use

CHAIR: Claire Kamp Dush, The Ohio State University

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60-1 Gender Gaps in Child and Adolescent Time Use: A Cross-National Comparison
Pablo Gracia*, Trinity College Dublin; Joan García Roman, Centre d’Estudis Demogràfics; Tomi Oinas, University of Jyväskylä; Timo Anttila, University of Jyväskylä

60-2 Time Use Activities and Mental Health of Adolescent Girls and Boys in India
Nancy Luke*, Pennsylvania State University; Ashley Larsen Gibby, Penn State University

60-3 Time Spent With Caregivers and Adolescent Stress: A Biosocial Approach
Kammi Schmeer*, The Ohio State University; Jake Tarrence, The Ohio State University; Christopher Browning, The Ohio State University; Jodi Ford, Ohio State University; Ashley Ostroot, The Ohio State University

60-4 Inequality in Parental Time With Children: Trends by Gender and Education Between 1961–2011 Across 20 Countries
Nicoletta Balbo*, Bocconi University; Alessandra Casarico, Bocconi University; Alessandro Sommacal, University of Verona; Evrim Altintas, Oxford University

60-5 Parental Time Investments in Children Through Childhood
Jocelyn Wikle*, Brigham Young University; Clara Wilson, Brigham Young University

Maria Stanfors*, Lund University

60-7 Gender Differences in Response to a Paid Parental Leave Policy: A Sequence Analysis of Administrative Time-Keeping Records
Jeffrey Neilson*, Lund University; Maria Stanfors, Lund University

61 Understanding Contraceptive Behavior in Low- and Middle-Income Countries

CHAIR: Katherine Tumlinson, University of North Carolina at Chapel Hill
DISCUSSANT: Nadia Diamond-Smith, University of California, San Francisco
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61-1 Increasing and Sustaining Family Planning Access and Use in Rural Nepal: Results From an Impact Evaluation
Tess Shiras*, Sarah Bradley, Abt Associates; Sujan Karki, Abt Associates

61-2 Using Structural Equation Models to Examine the Association Between Family Planning Social Norms and Modern Contraceptive Use in Nigeria
Mahua Mandal*, University of North Carolina-Chapel Hill; Lisa Calhoun, Carolina Population Center; Courtney McGuire, University of North Carolina at Chapel Hill; Ilene Speizer, University of North Carolina at Chapel Hill

61-3 Individual and Facility-Level Factors Associated With the Receipt of Immediate Postpartum Family Planning Services in Ethiopia
Alexandria Mickler*, Johns Hopkins University; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Saifuddin Ahmed, Johns Hopkins Bloomberg School of Public Health; Mahari Gidey; Assefa Seme Deresse, Addis Ababa University; Solomon Shiferaw, Addis Ababa University; Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health

61-4 Prevalence and Characteristics of Covert Use of Contraception Across Four Performance Monitoring for Action (PMA) Sites
Elizabeth Gummerson*, Dana Sarnak, Johns Hopkins Bloomberg School of Public Health; Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Simon Kibira, Makerere university; School of Public Health; Funmilola OlaOlorun, University of Ibadan, Ibadan, Nigeria; Philip Anglewicz, Johns Hopkins University

62 Assessing Fertility Transitions and Variations for Programmatic Implications

CHAIR: John Bongaarts, Population Council
DISCUSSANT: Vladimir Kantorova, United Nations
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62-1 Interregional Variations of Fertility Contours in India: A Multilevel Modelling Approach
Saswata Ghosh*, IDSK - INDIA

62-2 The Limits (and Human Costs) of Population Policy: Fertility Decline and Sex Selection in China Under Mao
Kim Babiarz*, Stanford University; Paul Ma, University of Minnesota; Grant Miller, Stanford University; Shige Song, Queens College, CUNY

62-3 A Complete Picture of the Mexican Fertility Transition
Roxana Ivette Arana Ovalle*, University of Montreal; Lisa Dillon, Universite de Montreal; Francisco Zamudio, Universidad Autónoma Chapingo; Alejandro Murua, Université de Montréal

62-4 Differences in the Trajectory of Contraceptive Prevalence Rates Between Nigeria and Malawi: Some Determinants and Possible Explanations
Jacob Adetunji*, U.S. Agency for International Development

63 Policy Responses to Low Fertility

CHAIR: Francesco Billari, Bocconi University
DISCUSSANT: Léa Pessin, Pennsylvania State University
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63-1 Economic Uncertainty and Couples’ Fertility Intentions in Italy and Norway
Trude Lappegård*, University of Oslo; alex kristensen; Lars Dommermuth, Statistics Norway; Daniele Vignoli, University of Florence; Alessandra Minello, University of Florence

63-2 Baby Boom or Bust? Cash Transfers and Fertility: Evidence From Poland’s “Family 500+” Policy
63-3 Baby Bonus, Fertility, and Missing Women
Wookun Kim*, Southern Methodist University

63-4 The Contribution of Assisted Reproductive Technologies (ART) to Total Fertility Rates and Birth Timing: An Analysis of Australian Data
Ester Lazzari*, The Australian National University; Edith Gray, Australian National University; Georgina Chambers, The University of New South Wales

64 Demographic Perspectives on Chronic Pain and Opioids
CHAIR: Hanna Grol-Prokopczyk, University at Buffalo, SUNY
DISCUSSANT: Zachary Zimmer, Mount Saint Vincent University
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64-1 The Rise in Pain in the United States, 1997–2018: An Age-Period-Cohort Analysis
Teresa Eun*

64-2 Gender and Racial/Ethnic Disparities in Pain Trajectories Among Aging Americans
Sadaf Milani*, The University of Texas Medical Branch at Galveston; Bret Howrey, University of Texas Medical Branch; Mukaila Raji, University of Texas Medical Branch; Abbey Berenson, University of Texas Medical Branch; Yong-Fang Kuo, University of Texas Medical Branch; Rebeca Wong, University of Texas Medical Branch

64-3 The Socioeconomic Status Gradient in Pain: A Cross-Country Analysis
Enrica Croda*, Ca’ Foscari University of Venice Italy

64-4 Geographic Variation in Opioid Risk Factors Between High- and Low-Prescribing Regions
William Kazanis*, Patrice Sparks, University of Texas at San Antonio

65 Smoking, Health, and Mortality
CHAIR: Joseph Lariscy, University of Memphis
DISCUSSANT: Lucie Kalousova, University of California, Riverside
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65-1 Transitions to Adulthood and Health Behaviors
Elizabeth Lawrence*, University of Nevada, Las Vegas

65-2 Estimating Cigarette and E-Cigarette Demand and Substitution: An Economic Model of Nicotine Demand
Dean Lillard*, The Ohio State University; Peter Nencka, Miami University of Ohio

65-3 Marital Transitions and Overall Life Satisfaction in the Changing Lives: Investigating the Mediation Role of Long-term Trajectories of Smoking Behaviors
Weihui Zhang*, State University of New York at Albany

Sarah Sharmin*, The University of Texas at San Antonio; Corey Sparks, University of Texas - San Antonio

66 Using Place to Understand Race/Ethnicity and Racialization
CHAIR: Margaret Hicken, University of Michigan
DISCUSSANT: Latrica Best, University of Louisville
DISCUSSANT: Adriana Reyes, Cornell University
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66-1 The Intersection of Time and Place: Cohort Patterns and Regional Differences in Obesity Among Blacks and Whites, 1976–2018
Liying Luo*, The Pennsylvania State University; Emma Zang, Yale University; Jiahui Xu

66-2 Race and Low Birth Weight Across California Census Tracts: Assessing Spatial Variation
Natasha Erickson*

66-3 Whither Weathering? The Variable Significance of Age in Black-White Low Birth Weight Disparities
Nicholas Mark*, New York University

66-4 Racial and Regional Mortality Inequalities in Israel
67 Natural Disasters and Migration in the United States

CHAIR: Lori Hunter, University of Colorado Boulder
DISCUSSANT: Alexis Santos-Lozada, Pennsylvania State University

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67-1 The Effects of Wildfire Damage on Migration Patterns in the United States
Kathryn McConnell*, Yale University; Elizabeth Fussell, Brown University; Jack DeWaard, University of Minnesota, Twin Cities; Stephan Whitaker, Federal Reserve Bank of Cleveland; Katherine Curtis, University of Wisconsin–Madison; Kobie Price, University of Minnesota; Lise St. Denis, University of Colorado Boulder; Jennifer Balch, University of Colorado Boulder

67-2 Assessing Migration After Natural Disaster: A Housing Capacity Search Model
Ethan Sharygin*

Sara Curran*, University of Washington; Janna Johnson, Humphrey School of Public Affairs

67-4 Mobile Capital, Natural Assets, and Differential Environmental Migration in the U.S. Gulf Coast
Katherine Curtis*, University of Wisconsin–Madison; Dominic Parker, University of Wisconsin–Madison; Jack DeWaard, University of Minnesota, Twin Cities; Elizabeth Fussell, Brown University

68 Access and Quality of Care in Neonatal Health

CHAIR: Sneha Mani, University of Pennsylvania
DISCUSSANT: Mai Do, Tulane University School of Public Health

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68-1 Saving Neonatal Lives for a Quarter
Christine Valente*, University of Bristol; Hans Sievertsen, University of Bristol; Mahesh Puri, Center for Research on Environment Health and Population Activities

68-2 Excess Neonatal Mortality Among Private Facility Births in North India
Diane Coffey*, Population Research Center; Nikhil Srivastav, r.i.c.e., a research institute for compassionate economics; Aditi Priya, LEAD at Krea University; Asmita Verma; Dean Spears, University of Texas at Austin

68-3 The Influence of Separating Newborns From Mothers and Maternal Consent for Care on Satisfaction and Postpartum Practices: Findings From a Longitudinal Survey in Kenya
Michelle Nakphong*, Emma Sacks, Johns Hopkins University; James Opot, Innovations for Poverty Action; May Sudhinaraset, UCLA Fielding School of Public Health

68-4 Socioeconomic and Geographic Disparities in the Availability of Neonatal Intensive Care at Birth and the Effects on Infant Health Outcomes
Benjamin Sosnaud*, Trinity University; Gabriella Garriga, Trinity University

69 Flash: Race and Economic Inequality

CHAIR: Sung Park, Harvard

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69-1 Attributing Racial Motivations to Employee Referrals
Fabiana Silva*

JooHee Han*, University of Oslo; Donald Tomaskovic-Devey, University of Massachusetts Amherst

69-3 Race, Income, and Liquid Wealth: A Two-Stage Analysis of Sustainable Homeownership
chunhui ren*

69-4 Minimum Wage Policies and Racial Inequality
Sharada Dharmasankar*, Hoyoung Yoo
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<td>Education-Occupation Mismatch and Social Networks for Hispanics in the United States: Role of Citizenship</td>
<td>Kusum Mundra*, Rutgers University Newark; Fernando Rios-Avila, Levy Institute</td>
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<td>Forced Migration Research: From Theory to Practice in Promoting Migrant Well-being, With a Focus on the Impact of the COVID-19 Pandemic</td>
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<td>CHAIR: Holly Reed, CUNY Institute for Demographic Research</td>
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<td>Issues and Innovations in Population Data Collection and Measurement: Registration and Administrative Data</td>
<td>Sarah Staveteig*, U.S. Department of State</td>
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<td>Issues and Innovations in Population Data Collection and Measurement: Survey Data</td>
<td>Gabriela Sanchez-Soto*, Rice University</td>
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<td>Issues in Research Design and Analysis of Migrant Integration: Displacement Under a Population Lens</td>
<td>Fernando Riosmena*, University of Colorado Boulder</td>
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<td>Issues in Research Design and Analysis of Migrant Integration: Resiliency of the Vietnamese Community After Katrina</td>
<td>Mark VanLandingham*, Tulane University</td>
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<td>Future Directions for Research and Practice</td>
<td>Katharine Donato*, Georgetown University</td>
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<td>Critical Next Steps During and After the Pandemic</td>
<td>Ellen Kraly*, Colgate University</td>
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<td>Biodemography of Aging and the Life Course</td>
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<td>Who Makes It to the Frontier of Survival? Another Look at the Plasticity of Human Aging</td>
<td>Jesus-Adrian Alvarez*, Interdisciplinary Centre on Population Dynamics, University of Southern Denmark; Anthony Medford, University of Southern Denmark; Cosmo Strozza, University of Southern Denmark</td>
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<td>71-2</td>
<td>Evaluating Trends in Incidence of Alzheimer’s Disease Using Biodemographic Models of Health and Aging</td>
<td>Konstantin Arbeev*, Duke University; Olivia Bagley, Duke University; Igor Akushevich, Duke University; Arseniy Yashkin, Duke University; Hongzhe Duan, Duke University; Svetlana Ukraintseva, Duke University; Anatoliy Yashin, Duke University</td>
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<td>Modeling Biological Age and Its Link With the Aging Process</td>
<td>Hiram Beltrán-Sánchez*, University of California, Los Angeles; Yiyue Huangfu, University of Wisconsin–Madison; Mary McEniry, University of Wisconsin-Madison; Alberto Palloni, University of Wisconsin-Madison</td>
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<td>Racial and Ethnic Disparities in Kidney Functioning Among Older Adults in the United States: Health and Retirement Study</td>
<td>Erfei Zhao*, Margarita Osuna; Jennifer Ailshire, University of Southern California; Jung Ki Kim; Eileen Crimmins, University of Southern California</td>
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<td>72</td>
<td>Racial Disparities in Aging: Patterns and Determinants</td>
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<td>Losing Partners as a Process: A Matching Study on the Long-Term Economic Consequences of Widowhood</td>
<td>Zachary Van Winkle*, University of Oxford; Thomas Leopold, University of Cologne</td>
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<td>Sibling Deaths Across Mid- to Late Life, Racial Disadvantage, and Dementia</td>
<td>Hyungmin Cha*, University of Texas at Austin; Patricia Thomas, Puebla University; Debra Umberson, University of Texas at Austin</td>
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72-3 Assessing the Role of Neighborhood Characteristics and Psychosocial Mediators in the Disablement Process in Diverse Midlife and Older Adults
Amy Thierry*, Xavier University of Louisiana; Tuaye Dambo, Xavier University of Louisiana; Linda Wray, Pennsylvania State University

72-4 Racial/Ethnic Differences in Real-Time Social Contact and Health: Findings From the Chicago Health and Activity Space in Real-Time (CHART) Study
Alyssa Goldman*, Boston College; Erin York Cornwell, Cornell University

73 Period and Cohorts Effects on Child/Adolescent Health and Adjustment
CHAIR: Juli Simon Thomas, The MITRE Corporation
DISCUSSANT: Margot Jackson, Brown University
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73-1 Unstable Childhoods: The Prevalence of Childhood Family, Economic, and Residential Instability Across Two U.S. Cohorts
Jake Hays*, The Ohio State University; Kammi Schmeer, The Ohio State University

73-2 Age, Period, and Cohort Patterns in the Use of Drugs With Elevated Overdose Risk in the United States, 1979–2018
Kira England*, Ashton Verdery, Pennsylvania State University; Liying Luo, Pennsylvania State University; Shannon Monnat, Syracuse University

73-3 Growth Faltering in the United States, 1897–2014
Evan Roberts*, University of Minnesota

73-4 Long-Term and Intergenerational Impacts of Quasi-Random Child Health and Family Planning Program in Bangladesh on Health and Human Capital
Tania Barham*, University of Colorado Boulder; Gisella Kagy, Vassar College; Brach Champion, University of Colorado Boulder; Jena Hamadani, icddr,b

74 Consequences of COVID-19
CHAIR: Marcia Castro, Harvard University
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74-1 The Shadow Pandemic: COVID-19 and Violence Against Adolescent Girls in Low- and Middle-Income Countries
Sarah Baird*, George Washington University; Manisha Shah, University of California, Los Angeles

74-2 Socioeconomic Impacts of the COVID-19 Pandemic in India
Arunika Agarwal*, Harvard School of Public Health; Marco Angrisani, University of Southern California; David Bloom, Harvard School of Public Health; Jinkook Lee, University of Southern California; Simone Schaner, University of Southern California

74-3 Precarity and Exclusion: Informality and Pandemic’s Urban Challenge
Pallavi Choudhuri*, National Council of Applied Economic Research; Santanu Pramanik, National Council of Applied Economic Research; Sonalde Desai, University of Maryland

74-4 Impact of COVID-19 Pandemic on Household Income and Food Insecurity in 4 Countries
Elizabeth Gummerson*, Johns Hopkins Bloomberg School of Public Health; Carolina Cardona, Johns Hopkins Bloomberg School of Public Health; Philip Anglewicz, Johns Hopkins University; Blake Zachary, Georges Guilla, University of Montreal; Scott Radloff

74-5 It Takes a Village—Response to COVID-19 in Low-Income Countries and Its Implications for Public Health and Social Policies
Ilana Kohler*, University of Pennsylvania-Population Studies Center; Fabrice Kaempfen, University of Pennsylvania-Population Studies Center; Alberto Ciancio, University of Pennsylvania; James Mwera, Invest in Knowledge Initiative (IKI), Malawi; Victor Mwapasa, College of Medicine, Malawi; Hans-Peter Kohler, University of Pennsylvania

74-6 Sociodemographic Inequality in Exposure to COVID-19—Induced Economic Hardship in the United Kingdom
Dirk Witteveen*, University of Oxford, Nuffield College

74-7 Economic Well-being of Families During the COVID-19 Pandemic: Findings From the Household Pulse Survey
Daniel Perez-Lopez*, US Census Bureau

75 Education-Related Inequalities: K-12, College, and the World of Work
**CHAIR:** Gabriela Sanchez-Soto, Rice University  
**DISCUSSANT:** Amanda Bosky, University of Wisconsin-Madison

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| 75-1 | Prize or Penalty? The Reputational Effects of Diversity Scholarships in the Labor Market | Janet Xu*, Princeton University |
| 75-2 | Are Racial/Ethnic PhD Holders Disadvantaged? Assessing Promotional (Dis)advantages Among University Faculty Members | Scott Tuttle*, University of Kansas; ChangHwan Kim, University of Kansas |
| 75-3 | Investment Strategies in Children’s College Education: Characteristics and Underlying Mechanisms | Kimberly Goyette*, Yongai Jin, Renmin University of China; Yu Xie, Princeton University |
| 75-4 | Double Jeopardy: Teacher Biases, Racialized Organizations, and the Production of Racial Disparities in School Discipline | Jayanti Owens*, Brown University |

### Poverty and Economic Security

**CHAIR:** Natasha Pilkauskas, University of Michigan  
**DISCUSSANT:** Megan Curran

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| 76-1 | Avoiding Material Hardship: The Buffer Function of Wealth | Richard Rodems*, University of Michigan; Fabian Pfeffer, University of Michigan |
| 76-2 | Schedule Unpredictability and the Use of High-Cost Financial Services: The Case of Service Workers | Mariana Amorim*, Washington State University; Daniel Schneider, University of California, Berkeley |
| 76-3 | SNAP Work Requirement and Food Insecurity | Debasmrita Das*, Purdue University |
| 76-4 | Poverty and Employer Power: The Effect of Poverty on the Mobility of Low-Wage Workers | Michael Schultz*, University of Texas at Austin |

### Family Change in Comparative Perspective

**CHAIR:** Luca Maria Pesando, Department of Sociology and Centre on Population Dynamics, McGill University  
**DISCUSSANT:** Ariane Ophir, University of Wisconsin–Madison

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| 77-1 | The Rise of Sonless Families in Asia and North Africa | Roshan Pandian*, Grinnell College; Keera Allendorf, Indiana University |
| 77-2 | Rising Global Levels of Intergenerational Coresidence Among Young Adults | Albert Esteve-Palos*, Centre d’Estudis Demogràfics; David Reher, Universidad Complutense de Madrid |
| 77-3 | The Changing Polygyny-Fertility Association in Sub-Saharan Africa | Sophia Chae*, University of Montreal; Victor Agadjanian, University of California Los Angeles |
| 77-4 | Living Arrangement and Chronic Loneliness at Older Ages: A Comparative Study in Europe | Shiro Furuya*, University of Wisconsin-Madison; James M Raymo, Princeton University; Ryohei Mogi, Centre d’Estudis Demogràfics |

### New Methods in Family Demography

**CHAIR:** Mine Kuehn, Max Planck Institute for Demographic Research  
**DISCUSSANT:** Sarah Patterson, University of Michigan

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| 78-1 | Gestational Age and Siblings’ Literacy: Spillover Effects in the Family | David Mallinson*, University of Wisconsin–Madison; Felix Elwert, University of Wisconsin-Madison; Deborah Ehrenthal, University of Wisconsin-Madison |

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*Preliminary*
Quasi-Experimental Approach to Life Course Events: Zooming in on Happiness Over the Transition to Parenthood
Ansgar Hudde*

Demographic Change and Development From Crowdsourced Genealogies in Early Modern Europe
Guillaume Blanc*, Brown University

A Practical Revealed Preference Model for Separating Preferences and Availability Effects in Marriage Formation
Shuchi Goyal*, Mark Handcock, University of California; Fiona Yeung, University of Maryland; Michael Rendall, University of Maryland-College Park

Childbearing Postponement and Low Fertility
CHAIR: Joeun Kim, Pennsylvania State University
DISCUSSANT: Stuart Gietel-Basten, Hong Kong University of Science and Technology
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Pathways Into Childbearing Delay of Men and Women in Australia
Ester Lazzari*, The Australian National University

Changes in Partnering and First Birth Risks in Finland, 2000–2018
Julia Hellstrand*; Jessica Nisén, Max Planck Institute for Demographic Research; Mikko Myrskyla, Max Planck Institute for Demographic Research

Childbearing Consequences of a Stratified Housing System in South Korea
Jeongsoo Kim*, University of Texas at San Antonio; Corey Sparks, University of Texas - San Antonio

Total Number of Births Shrinking Faster Than Fertility Rates: Long-Term Effect of Declining Cohort Size in South Korea
Sam Hyun Yoo*, Dongguk University

Menstrual Health and Reproductive Behaviors
CHAIR: Amelia Mackenzie, FHI 360
DISCUSSANT: Simon Kibira, Makerere University School of Public Health
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Menstrual-Cycle Tracking Apps and Pregnancy Prevention
Bryndl Hohmann-Marriott*, University of Otago; Laura Starling, University of Otago

Premature and Early Menopause in Low- and Middle-Income Countries
Tiziana Leone*, London School of Economics; Laura Brown, LSE; Alison Gemmill, Johns Hopkins Bloomberg School of Public Health

Menstrual Regulation: Incidence, Methods, and Sources of This Understudied Health Practice in Three Settings
Suzanne Bell*, Johns Hopkins Bloomberg School of Public Health; Mridula Shankar, Johns Hopkins Bloomberg School of Public Health; Funmilola Olaorun, University of Ibadan, Ibadan, Nigeria; Elizabeth Omolubab, CRERD; Anoop Khanna, Indian Institute of Health Management Research; Danish Ahmad, Indian Institute of Health Management Research; Georges Guiella, Institut Supérieur des Sciences de la Population (ISSP), Université of Ouagadougou; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health

Reaching Women at Work: Improving Reproductive Health Knowledge and Outcomes for Female Factory Workers Through Workplace Programs in Bangladesh: Results From Difference-and-Differences Analyses
Md. Irfan Hossain*, Population Council; Sara Chace Dwyer; Ashish Bajracharya, Population Council; Aparna Jain, Population Council

Quality of Family Planning and Reproductive Health Programs
CHAIR: Lindsay Mallick, University of Maryland
DISCUSSANT: Mai Do, Tulane University School of Public Health
4:00 PM-5:15 PM — Open Water

Informal Payments for Family Planning: Prevalence and Perspectives of Women, Providers, and Health Sector Key Informants in Western Kenya
Katherine Tumlinson*, University of North Carolina at Chapel Hill; Laura Britton, Columbia University; Caitlin Williams, University of North Carolina-Chapel Hill; Deborah Wambua, Innovations for Poverty Action-Kenya; Dickson Onyango, Kisumu County Health Department
81-2 The Know-Do Gap: Understanding and Improving Family Planning Service Quality Among Pharmacies Providing Injectable Contraceptives in Nepal
Sujan Karki*, Abt Associates; Margaret Chappell, Abt Associates; Sarah Bradley, Abt Associates

81-3 Conceptualizing and Measuring Client Experience of Abortion Care in Nigeria
Mridula Shankar*, Johns Hopkins Bloomberg School of Public Health; Suzanne Bell, Johns Hopkins Bloomberg School of Public Health; Funmilola OlaOlorun, University of Ibadan, Ibadan, Nigeria; Elizabeth Omolubi, CRERD; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health

81-4 Association of the Delaware Contraceptive Access Now (DelCAN) Initiative With Postpartum Long-Acting Reversible Contraception Use
Monica Caudillo*, University of Maryland; Constanza Hurtado, University of Maryland; Michael Rendall, University of Maryland-College Park; Michel Boudreaux, University of Maryland

82 Health Disparities in a Global Context
CHAIR: Aashish Gupta, Population Studies Center, University of Pennsylvania
DISCUSSANT: Diane Coffey, Population Research Center
DISCUSSANT: Cameron Campbell, The Hong Kong University of Science and Technology
4:00 PM-5:15 PM — Open Water

82-1 Blood Pressure Control Among Old Indians: Trends and Disparity
Jinkook Lee*, University of Southern California; Erik Meijer, University of Southern California; Jenny Wilkens, Gateway to Global Aging Data; Perry Hu, University of California, Los Angeles

82-2 Social Health Insurance Program Consolidation and Urban-Rural Inequality in China
Di Yang*, Yubraj Acharya, The Pennsylvania State University; Xiaoing Liu, Zhejiang University

82-3 Intergenerational Persistence in Maternal Bereavement
Frances Lu*, UCSD; Tom Vogl, University of Texas at Austin

83 Place and Health in Europe: Looking Across and Within Countries
CHAIR: Margaret Hicken, University of Michigan
DISCUSSANT: Lindsay Kobayashi, University of Michigan
4:00 PM-5:15 PM — Open Water

83-1 Visualizing Late-Life Depression Prevalence With a Cohort-Based Age-Period-Cohort Model: Analysis of Six European Countries, 2004–2017
Octavio Bramajo*

83-2 An Urban-Rural Old-Age Mortality Crossover: Evidence From Germany and England and Wales
Marcus Ebeling*, Max Planck Institute for Demographic Research; Roland Rau, University of Rostock; Eva Kibele, Statistical Office Bremen; Sebastian Kluesener, Federal Institute for Population Research

83-3 Regional Disparities in Healthy Life Expectancies in Spain: How Much Is Explained by Differences in Health Expenditures?
Elisenda Renteria*, Centre d'Estudis Demogràfics; Pilar Zueras, University of Essex

83-4 Regional Mortality Convergence in Reunified Germany Explained
Rok Hrzic*, Maastricht University; Tobias Vogt, University of Groningen; Helmut Brand, Maastricht University; Fanny Janssen, University of Groningen

84 Origin and Contextual Influences on Migration-Climate Connections
CHAIR: Uriel Lomeli-Carrillo, University of Texas at San Antonio
DISCUSSANT: Jack DeWaard, University of Minnesota, Twin Cities
4:00 PM-5:15 PM — Open Water

84-1 Agricultural Livelihoods and Environmental Migration in Sub-Saharan Drylands: A Meta-Analytic Review
Roman Hoffmann*, Vienna Institute of Demography, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, University of Vienna) & Potsdam Institute for Climate Impact Research; Charlotte Wiederkehr, Helmholtz Centre for Environmental Research (UFZ); Kathleen Hermans, Helmholtz Centre for Environmental Research (UFZ); Anna Dimitrova, International Institute for Applied Systems Analysis

84-2 Climate-Induced Migration and Unemployment in Middle-Income Africa
84-3 Left Home High and Dry: Reduced Migration in Response to Repeated Droughts in Thailand and Vietnam
Esteban Quiñones*, Mathematsca; Sabine Liebenehm, University of Saskatchewan; Rasadhika Sharma, Leibniz University Hannover

84-4 Migration, Environmental Change, and Land in Bangladesh
Katharine Donato*, Georgetown University; Amanda Carrico, University of Colorado - Boulder

85 Global Perspectives on Aging
CHAIR: Leafia Ye, University of Wisconsin–Madison
DISCUSSANT: Sung Park, Harvard
DISCUSSANT: Rhiannon Miller, Johns Hopkins University
4:00 PM-5:15 PM — Open Water

85-1 Age of Migration and the Health Status of Older Latinos: Findings From the Health and Retirement Study
Marc García*, University of Nebraska–Lincoln; Blakelee Kemp, University of Nebraska–Lincoln

85-2 Food Insecurity Among Older Adults in the Cape Area of South Africa
Nadia Flores-Yeffal*, Texas Tech University; Charlotte Dunham, Texas Tech University

85-3 The Feminization of Labor Migration and Its Implications for Parental Well-being: Evidence From Indonesia
Sneha Kumar*, Cornell University

85-4 Children’s Migration and Parental Health in Urban China
Lidan Lyu*, Renmin University of China; Zai Liang, State University of New York at Albany

86 Lifespan Inequalities Around the Globe
CHAIR: Andrea Nigri, Sapienza University
DISCUSSANT: Marília Nepomuceno, Max Planck Institute for Demographic Research
4:00 PM-5:15 PM — Open Water

86-1 Prioritizing Global Health Issues Leveraging Demographic Analysis
Christina Bohk-Ewald*, University of Helsinki; Peng Li, Max Planck Institute for Demographic Research; Mikko Myrskyla, Max Planck Institute for Demographic Research

86-2 Height, Weight, and Life Expectancy: Evidence From Latin America and the Caribbean
Mary McEniry*, University of Wisconsin–Madison; Alberto Palloni, University of Wisconsin–Madison; Yiyou Huangfu, University of Wisconsin–Madison; Hiram Beltrán-Sánchez, University of California, Los Angeles

86-3 Urban-Rural Lifespan Disparity and Cause-Specific Contribution: Evidence From China
Mengxue Chen*, Australian National University; Vladimir Canudas-Romo, Australian National University

86-4 Life Span Inequality During the Unfolding Counter-Epidemiological Transition in Rural South Africa, 1994–2018
Brian Houle*, The Australian National University; Chodziwadziwa Kabudula, University of the Witwatersrand; Sanyu Mojola, Princeton University; Nicole Ango, American University; Francesc Gomez-Olive, University of the Witwatersrand; Samuel Clark, The Ohio State University; Vladimir Canudas-Romo, Australian National University

87 Racism, Xenophobia, and Nativism
CHAIR: Michael Esposito, University of Michigan
DISCUSSANT: Carmen Gutierrez, UNC
4:00 PM-5:15 PM — Open Water

87-1 Police Killings of Civilians: Implications From Court-Ordered Hiring Quotas
Robynn Cox*, University of Southern California; Jamein Cunningham, University of Memphis; Alberto Ortega, Indiana University

87-2 Context of Backlash: Where and Among Whom Does Demographic Change Provoke Anti-Immigration Attitudes?
Christopher Maggio*

87-3 Conflict or Consensus Over Ethnic Boundaries? The Case of Bolivia
88 Open-Source Demography

CHAIR: Collin McCarter, Trellance, Inc.
DISCUSSANT: Mathew Hauer, Florida State University

4:00 PM-5:15 PM — Open Water

88-1 Experiences in Puerto Rican and International Open Demography
Mario Marazzi*, Puerto Rico Institute of Statistics (formerly)

88-2 How to Effectively use U.S. Census Data as a Developer: CitySDK, Slack, API
Logan Powell*, U.S. Census Bureau

88-3 How to Effectively use U.S. Census Data as a Developer: Censusapi, Urban Institute
Hannah Recht*, Kaiser Health News

88-4 Tools for Spatial Analysis of Census data
Kyle Walker*, Texas Christian University
THURSDAY, MAY 6

89 Environmental Influences on Aging
CHAIR: Jeffrey Morenoff, University of Michigan
DISCUSSANT: Ashton Verdery, Penn State
9:15 AM-10:30 AM — Open Water

89-1 Educational Disparities in Cognitive Function and Cognitive Decline: Mediated by Social Networks
Max Coleman*, Indiana University Bloomington; Adam Roth, Indiana University Bloomington; Siyun Peng, Indiana University Bloomington; Brea Perry, Indiana University Bloomington

89-2 Dementia and Cognitive Decline in Older Adulthood: Are Agricultural Workers at Greater Risk?
Kanika Arora*, College of Public Health, University of Iowa; Lili Xu, College of Public Health, University of Iowa; Divya Bhagianadh

89-3 How Do Neighborhood Conditions Shape the Stability of Personal Networks of Older Adults?
Alyssa Goldman*, Boston College; Benjamin Cornwell, Cornell University; Erin York Cornwell, Cornell University

89-4 Environmental Effects on Aging in a Middle-Income Context: Neighborhood, Housing, and Well-being Among Older Adults in Colombia
Margarita Osuna*, University Of Southern California; Angela Jaramillo, Universidad Javeriana; Jennifer Ailshire, University of Southern California

90 Neighborhoods, Health, and Well-being in Later Life
CHAIR: Catherine Garcia, University of Nebraska-Lincoln
DISCUSSANT: Jacqueline Torres, UCSF
9:15 AM-10:30 AM — Open Water

90-1 Perceived Neighborhood Characteristics and Cognitive Functioning Among Diverse Older Adults: An Intersectional Approach
Amy Thierry*, Xavier University of Louisiana; Kyler Sherman-Wilkins, Missouri State University; Marina Armendariz, Pennsylvania State University; Allison Sullivan, Xavier University of Louisiana; Heather Farmer

90-2 Multiple Vulnerabilities: The Effects of Neighborhood Structural Changes Upon Older Residents’ Mental Health and Perceptions of the Broader Community
Jason Settels*, University of Luxembourg

90-3 Social Inequality and Daily Mobility Among Older Adults: Evidence From the Chicago Health and Activity Space in Real-Time (CHART) Study
Erin York Cornwell*, Cornell University; Kate Cagney, University of Chicago; Alyssa Goldman, Boston College

90-4 What Predicts How Safe People Feel in Their Neighborhoods and Does It Depend on Functional Status?
Alfredo Velasquez*, Chapman University; Jason Douglas, Chapman University; Jennifer Robinette

91 Social Stress and the Health of Children and Adolescents
CHAIR: Brandon Wagner, Texas Tech University
DISCUSSANT: Sarah Gold, Princeton University
9:15 AM-10:30 AM — Open Water

91-1 Parents’ Precarious Work Schedules and Children’s Asthma Management
Kelly Quinn*, Daniel Schneider, University of California, Berkeley

91-2 Unemployment Among Separated Mothers and Children’s Mental Health Trajectories
Mine Kühn*, Max Planck Institute for Demographic Research; Anna Baranowska-Rataj, Umeå University; Niina Metsä-Simola, University of Helsinki; Liina Junna, University of Helsinki; Pekka Martikainen, University of Helsinki

91-3 Mothers’ Exposure to Hurricane Katrina and Adolescent Children’s Mental Health 12 Years Later
Meghan Zacher*, Brown University; Monica Arkin, University of Massachusetts, Boston; Jean Rhodes, University of Massachusetts, Boston; Sarah Lowe, Yale School of Public Health

91-4 Long-Term Health Effects for Children Exposed to the Post-Reunification Economic Crisis in East Germany
92 Debate and Innovation in Global Population and Health Methods and Metrics

CHAIR: Yue Chu, Ohio State University
DISCUSSANT: Jon Wakefield, University of Washington

9:15 AM-10:30 AM — Open Water

Stuart Gietel-Basten*, Hong Kong University of Science and Technology; Tomas Sobotka, Vienna Institute of Demography / Wittgenstein Centre

92-2 Estimating Demographic and Global Health Indicators for Multiple Countries and Periods in the Context of Missing Data and Data Quality Issues: Introducing a Class of Temporal Models for Multiple Populations to Facilitate Model Comparison
Herbert Susmann*, University of Massachusetts Amherst; Monica Alexander, University of Toronto; Leontine Alkema, University of Massachusetts Amherst

92-3 Using Vital Registration Data for Estimating Under-5 Mortality in Low- and Middle-Income Countries
Andrea Verhulst*, University of Pennsylvania; Julio Romero Prieto, London School of Hygiene & Tropical Medicine; Michel Guillot, University of Pennsylvania and INED

92-4 G-Computation for Decomposing Population Health Disparities: 3-Way Effect Decomposition With a New R Package Multimed
Nick Graetz*, University of Pennsylvania; Xi Song, University of Pennsylvania

93 Family and Work: Work Schedules, Schedule Control, and Gender Inequality at Work and Home

CHAIR: Jennifer Hook, University of Southern California
DISCUSSANT: Heejung Chung, University of Kent

9:15 AM-10:30 AM — Open Water

93-1 Trends in Mothers’ Work Schedules, 1989–2017
Alejandra Pilarz*, University of Wisconsin-Madison; Anna Walther, University of Wisconsin-Madison

93-2 Gender Differences in Telecommuting and Implications for Inequality at Home and Work
Thomas Lytellton*, Yale University; Emma Zang, Yale University; Kelly Musick, Cornell University

93-3 The Gendered Use of Temporal Autonomy: How Men and Women Use Their Time Depending on Whether They Can Shape It
Jeanne Ganault*, CREST/DSC SciencesPo

93-4 Flexibility of Working Time Arrangements and Female Labor Market Outcomes
Iga Magda*, Warsaw School of Economics

94 Wealth and Debt Disparities

CHAIR: Youngmin Yi, University of Massachusetts Amherst
DISCUSSANT: Michelle Maroto, University of Alberta

9:15 AM-10:30 AM — Open Water

94-1 Wealth Begins at Home: The GI Bill of 1944 and the Making of the Racial Wealth Gap in Homeownership
Chinyere Agbai*, Brown University

94-2 Maternal Wealth Implications of Child Incarceration
Brielle Bryan*, Rice University; Hira Farooqi, Rice University

94-3 Pensions Rights, Employment, and the Gender Wealth Gap
Eva Sierminska*, LISER; Markus Grabka, DIW; Karla Cordova, University of Arizona

94-4 The Effects of State-Level Medicaid Coverage on Family Wealth
Margot Jackson*, Brown University; Chinyere Agbai, Brown University; Emily Rauscher, Brown University
95  Intergenerational and Comparative Perspectives on Work and Family

CHAIR:  Patrick Ishizuka,  Washington University in St. Louis
DISCUSSANT:  Léa Pessin,  Pennsylvania State University

9:15 AM-10:30 AM — Open Water

95-1  The Child Penalty in Same-Sex and Different-Sex Couples in Sweden, Norway, Denmark, and Finland
   Marie Evertsson*, Stockholm University; Ylva Moberg, Stockholm University; Maaike van der Vleuten, Stockholm University

95-2  Transition to Grandparenthood and Early Retirement: Interdependencies of Life Domains Across Generations
   Danilo Bolano*, University of Lausanne; Laura Bernardi, University of Lausanne

95-3  Do Cohabiters Work and Earn Like Married or Single Individuals?
   Alicia Adsera*, Princeton University; Federica Querin, Princeton University

95-4  Children’s Sex Composition and Mothers’ Labor Outcomes in Mexico: Exploring Potential Associations in a Context With Low Female Labor Force Participation
   Aida Villanueva*, University of Texas at Austin

96  Access to Medication Abortion

CHAIR:  Ushma Upadhyay, University of California, San Francisco
DISCUSSANT:  Terri-Ann Thompson, Ibis Reproductive Health

9:15 AM-10:30 AM — Open Water

96-1  Treading the Thin Line: Pharmacy Perspectives on Medication Abortion in Lusaka, Zambia
   Katharine Footman*, LSE; Nachela Chelwa, Population Council Zambia; Megan Douthwaite, MSI; James Mdlala, Marie Stopes Zambia; Drosina Mulenga, Population Council Zambia; Caila Brander, Population Council Zambia; Kathryn Church, MSI

96-2  The Economic Context of Choosing Online Medication Abortion in the United States
   Dana Johnson*, Melissa Madera, The University of Texas at Austin; Abigail R.A. Aiken, The University of Texas at Austin

96-3  Methods Women Use for Induced Abortion and Sources of Service: Insights From Poor Urban Settlements of Accra, Ghana
   Caesar Agula*, Regional Institute for Population Studies (RIPS), University of Ghana; Elizabeth Henry, Harvard T.H. Chan School of Public Health; Patrick Asuming, University of Ghana; Charles Asabere, Regional Institute for Population Studies (RIPS), University of Ghana; Mawuli Kushitor, University of Ghana; David Canning, Harvard T.H. Chan School of Public Health; Iqbal Shah, Harvard T.H. Chan School of Public Health; Ayaga Bawah, University of Ghana

96-4  Knowledge of and Experience With Self-managed Medication Abortion Among U.S.- and Mexican-born Women Seeking Abortion at Three Texas Clinics
   Kathleen Broussard*, The University of Texas at Austin; Abigail Aiken, University of Texas at Austin

97  International Intervention to Improve Women’s Sexual Health—Experimental Evidence

CHAIR:  Saumya Ramarao, Population Council
DISCUSSANT:  Rebecca Simmons, University of Utah

9:15 AM-10:30 AM — Open Water

97-1  The Early Impact of the Global Gag Rule on Women's Contraceptive Use and Reproductive Health Outcomes in Ethiopia
   Elizabeth Sully*, Guttmacher Institute; Assefa Seme Deresse, Addis Ababa University; Solomon Shiferaw, Addis Ababa University; Suzanne Bell, Johns Hopkins Bloomberg School of Public Health; Margaret Giorgio, Guttmacher Institute

97-2  Effect of Pregnancy Tests on Demand for Family Planning: Evidence From a Randomized Controlled Trial in Uganda
   Akito Kamei*, University of Illinois Urbana-Champaign; Rebecca Thornton, University of Illinois; Ryoko Sato, Harvard T.H. Chan School of Public Health

97-3  Effects of ARCHES Kenya on Reproductive Health, Reproductive Autonomy, and Gender-Based Violence Among Women and Girls Seeking Family Planning Counseling in Kenya
   Jay Silverman*, University of California, San Diego; Jasmine Uysal; Chi-Chi Undie, Population Council; Wilson Liambila, Population Council; Seri Wendoh, IPPF; Nicole Carter, UCSD; Nicole Johns, University of California, San Diego; Kate Gray, IPPF
98  Infectious Disease and Reproductive Health

CHAIR: Sara Yeatman, University of Colorado Denver
DISCUSSANT: Jessica Islam, University of North Carolina at Chapel Hill
9:15 AM-10:30 AM — Open Water

98-1  Fertility Trends in Sub-Saharan Africa: Has HIV Contributed to Fertility Stalls?
David Sanchez Paez*, Université catholique de Louvain; Bruno Schoumaker, Université Catholique de Louvain

98-2  Maternal Exposure to the Zika Epidemic: Impacts on Birth Weight and Preterm Birth in Brazil
Molly Dondero*, American University; Leticia Marteleto, University of Texas at Austin; Gilvan Guedes, Universidade Federal de Minas Gerais; Laís Piccinini Freitas, Oswaldo Cruz Foundation

98-3  Uncertainty About Childbearing and Contraception Amid Successive Infectious Disease Outbreaks
Leticia Marteleto*, University of Texas at Austin; Molly Dondero, American University; Alexandre Gori Maia, University of Campinas

Kelsey Wright*, University of Wisconsin-Madison

99  Biomarker Applications to Population Health Research

CHAIR: Michael McFarland, Florida State University
DISCUSSANT: David Braudt, University of North Carolina at Chapel Hill
9:15 AM-10:30 AM — Open Water

99-1  Leveraging Biosignals and Surveys to Understand Health Dynamics: A Case Study of Socializing and Emotional Affect in Real Time
Amy Zhang*, University of Texas at Austin; Bridget Goosby, University of Texas at Austin; Jacob Cheadle, University of Texas

99-2  The Pace of Cardiometabolic Risk Aging Among Older Americans: Findings From the Health and Retirement Study
Qiao Wu*, Jung Ki Kim, University of Southern California; Jennifer Ailshire, University of Southern California; Eileen Crimmins, University of Southern California

99-3  Long-Term Social Isolation and Health: Epigenetic Methylation of Immune Genes
Brant Levitt*

99-4  Longitudinal Assessment of Methylation Profiles in a Multiethnic Population of Children and Adolescents
Colter Mitchell*, University of Michigan

100  The Demography of Race and Racism in the American Past

CHAIR: Trevon Logan, Ohio State University
DISCUSSANT: Bernardo Queiroz, CEDEPLAR
DISCUSSANT: Aesha Martinez-Cardoso, University of Chicago
9:15 AM-10:30 AM — Open Water

100-1  Child Mortality and Racial Residential Segregation at the Turn of the Twentieth Century
J’Mag Karbeah*, J. David Hacker, University of Minnesota

100-2  Early Public Housing Project Siting and Racial Segregation in U.S. Cities
Ryan Allen*, University of Minnesota; David Van Riper, Minnesota Population Center, University of Minnesota; Catalina Anampa Castro; Corissa Marson, University of Minnesota

100-3  Origins, Perseverance, and Consequences of Segregation Academies in Mississippi: 1954 to Present
Kayla Kemp*

100-4  California’s Twentieth Century Eugenic Sterilization Program: Patterns of Coercive Sterilization Among Asian Immigrants
Marie Kaniecki*, Nicole Novak, University of Iowa; ToniAnn Treviño, University of Michigan; Natalie Lira, University of Illinois Urbana-Champaign; Kate O’Connor, University of Michigan; Alexandra Minna Stern, University of Michigan

101  Impact of Immigration Status on Migration Behavior
101-1 Does an Expansion of Mobility Rights Affect Migrants’ Return Intensions?
Michel Tenikue*, Luxembourg Institute of Socio-Economic Research (LISER); Joel Machado, LISER; Bertrand Verheyden, LISER

101-2 A Longitudinal Analysis of Naturalization and International Migration in Switzerland, 2011–2017
Juan Galeano*, Centre d’Estudis Demogràfsics; Aurélie Pont, Université de Genève; Philippe Wanner, Université de Genève

101-3 Can Tax Incentives Bring Brains Back? High Skill Migration and the Effects of Returnees’ Tax Schemes in Italy
Giuseppe Ippedico*, University of California, Davis

101-4 How Citizenship Denial Shapes Immigrants’ Citizenship Enactment: Evidence From French Data
Tianjian Lai*, University of California, Los Angeles

102 Migration and Aging
CHAIR: Qian Song, University of Massachusetts Boston
DISCUSSANT: Ryon Cobb, University of Georgia

102-1 The Effect of Mass Migration on Natives’ Fertility: Evidence From Syrian Refugee Migration in Turkey
Berkay Ozcan*, London School of Economics; Cevat Giray Aksoy, King’s College London, UK

102-2 How Can Migration, Workforce Participation, and Education Balance the Cost of Aging in Europe?
Guillaume Marois*, International Institute for Applied Systems Analysis; Alain Belanger, Institut national de la recherche scientifique; Wolfgang Lutz, International Institute for Applied Systems Analysis

102-3 Immigrant Adaptation and the “Impacts” of Mexico–U.S. Migration on Healthy Aging: A Binational Examination
Fernando Riosmena*, University of Colorado Boulder; Emma Aguila, University of Southern California; Jenna Nobles, University of Wisconsin–Madison; Jacqueline Torres, University of California - San Francisco

102-4 Economic “Dis-assimilation”? Widening Nativity Gaps in Income in Mid- to Later Life
Lealia Ye*, University of Wisconsin–Madison

103 Social Determinants of Child Health
CHAIR: Afshin Zilanawala, University of Nottingham
DISCUSSANT: Cynthia Colen, The Ohio State University

103-1 Can Education Do It Alone? Evidence on Women’s Education and Child Health From India
Amrith Dongre*, Indian Institute of Management Ahmedabad

103-2 Parental Income Gradients in Mortality During Childhood and Adolescence: Long-Term Trends Across Half a Century Using Norwegian Administrative Data
Miriam Evensen*, Norwegian Institute of Public Health

103-3 Environmental and Sociodemographic Determinants of Under-5 Mortality in India: A Survival Analysis on Indian Demographic and Health Survey Data

103-4 Racial Disparities in Childhood Immunization Uptake in the Dominican Republic
Barbara Zsembik*, University of Florida; Julia Arroyo, University of Florida

104 Racism, White Supremacy, and Demography
CHAIR: Evelyn Patterson, Vanderbilt University
DISCUSSANT: Tukufu Zuberi, University of Pennsylvania

104-1 More Than Rocks and Stone: Confederate Monuments, Memory Movements, and Race
Heather O’Connell*, Louisiana State University
Toward a Critical Demography of Tribal Peoples
Desi Rodriguez-Lonebear*, University of California, Los Angeles

How Migration and Income Affect Racial Classification in Brazil
Edward Telles*, University of California, Irvine; Jeronimo Muniz, Universidade Federal de Minas Gerais

Young White Children Are the Minority: The Demography of Whiteness Decline in the United States
Dudley Poston Jr*, Texas A&M University; Rogelio Saenz, University of Texas at San Antonio

Spatial Demography and Censuses Around the Globe
Chair: Mark Ellis, University of Washington
Discussant: Nicholas Nagle, Oak Ridge National Lab / University of Tennessee

Examining Racial Exclusion in Selective Annexations Across 14 States, 2000–2010
Iris Zhang*

Treva Tam*, University of Pennsylvania

Fractal Urbanism: City Size and Residential Segregation in India
Sumit Mishra*, IFMR; Naveen Bharathi, Indian Institute of Management Bangalore; Andaleeb Rahman, Cornell University; Deepak Malghan, IIM Bangalore

Spatial Analysis of Social Vulnerability to Environmental Risks: A Study for China Prefectures in 2000 and 2010
Xueting Li*, Asian Demographic Research Institute; Leiwen Jiang, Asian Demographic Research Institute; Emerson Baptista, Asian Demographic Research Institute (ADRI)

COVID-19 and Africa’s Demography
Chair: Donatien Beguy, UN-Habitat
Discussant: Open Water

Panelist
Bernard Onyango*, African Institute for Development Policy (AFIDEP)

Panelist
Jean-Francois Kobiane*, Institut Supérieur des Sciences de la Population

Panelist
Stephane Helleringer*, Johns Hopkins University

Children, Youth, and Intergenerational Ties; and Education, Work, and Economic Inequality
Chair: Open Water Poster Gallery

From Leaving Welfare to Leaving Food Stamps: A Multilevel Event History Analysis of SNAP Exits
Remy Stewart*, Cornell University

Does SNAP Moderate the Relation Between Food Insecurity and Allostatic Load?
Tae-Young Pak*, Sungkyunkwan University

Child Health Amid Program Disruption: Evidence From Mexico
Susan Parker*, University of Maryland; Soomin Ryu, University of Maryland

Working Conditions and COVID-Related Attitudes and Behaviors

Pathways of Interdependence From Youth to Adulthood
Bo Hyeong Lee*, North Carolina State University; Anna Manzoni
The Opioid Epidemic and Children’s Living Arrangements in the United States, 2000–2018
Monica Caudillo*, University of Maryland; Andres Villarreal, University of California, Los Angeles; Philip Cohen, University of Maryland, College Park

Examining Origins and Pathways of Engineering Students in India
Sarah Nolan*, Duke University

Does Early Childhood Malnutrition Affect Cognitive Skill Development in Children: Evidence From India?
Ronak Paul*, Abhishek Singh, International Institute for Population Sciences (IIPS)

Kevin McElrath*, Stony Brook University; Erik Schmidt, U.S. Census Bureau; Kurt Bauman, US Census Bureau

Randomized Control Evaluation of the Young Potential Development Program in Ecuador
Sara Borelli*, IMPAQ International; Michaela Gulemetova, IMPAQ International; Melissa Paredes, IMPAQ International

The Prospective Effects of Marijuana Use in Adolescence on Illicit Drug Use in Mature Adulthood
Radhika Prasad*, Ming Wen, University of Utah; Daniel Adkins, University of Utah

Contextual Features, Civic and Organizational Capacity, and the Promise of Federal and Local Support
Alexandra Cooperstock*, Cornell University

Testing Hispanic Health Paradox for Chinese American Mothers: New Evidence From New York City
Bo Zhou*, Sun Yat-Sen University; Zai Liang, State University of New York at Albany

Food Insecurity, Parental Depression, and Behavior Problems Among Preschool Children
Xuejiao Chen*, National University of Singapore; Wei-Jun Yeung, National University of Singapore

Employment and Independence in the Transition to Adulthood for Youth With Disabilities Who Age Out of Foster Care
Erin McCauley*, Cornell University

Intergenerational Transmission of Divorce in Sweden, 1922–2015
Martin Bergvall*, Maria Stanfors, Lund University

Maternal Autonomy and Childhood Undernutrition: Analysis on the Nigeria 2018 Demographic and Health Survey Data
Tolulope Ariyo*, Xi’an Jiaotong University; Quanbao Jiang, Xi’an Jiaotong University

Effect of Educational Assortative Mating on Infant and Child Mortality in Nigeria
Tolulope Ariyo*, Xi’an Jiaotong University; Quanbao Jiang, Xi’an Jiaotong University

Analysis of Multiple Deprivation (Multidimensional Poverty) of Children Under 5 Years Old in Côte D’Ivoire and Senegal: A CC-MODA Approach
KASSOUm KONE*

Young Adult Weight Trajectories: Using a Growth Curve Approach to Assess the Impact of a Family History of Diabetes
Lori Kowaleski-Jones*, University of Utah; Barbara Brown, University of Utah; Ken Smith, University of Utah; Cathleen Zick, University of Utah; Heidi Hanson, University of Utah

Increasing Prevalence of Children Home Alone in Ghana: How Do Socioeconomic Factors Influence Changes Over Time?
Rene Iwo*, University of North Carolina at Chapel Hill; Mónica Ruiz-Casares, McGill University; José Nazif-Munoz

The “Long Arm” of Pubertal Timing and Networks: Peer Perceptions of Development Among Youth Are Associated With Elevated Adult Cardiometabolic Risk
Mark Pachucki*, University of Massachusetts Amherst; Youngjoon Bae, UMass Amherst; John Sirard, University of Massachusetts Amherst; Genevieve Chandler, University of Massachusetts Amherst; Lindsay Till Hoyt, Fordham University

How Much Do Unstable Family Trajectories Affect Children’s Well-being? A Re-examination of the Family Instability Hypothesis in the United States
Alejandra Rodríguez Sánchez*, Humboldt Universität zu Berlin

Household Socioeconomic Status and Child Socioemotional in Ghana
Stanislav Akembula*, Mainstream Renewable Power; David Adumbire, University of Ghana

Marijuana Use Initiation Among Young Adults in the United States: The Role of Family and Peer Socialization
P3-26  Effect of Fathers’ Migration on Children’s Health and Educational Outcomes in India  
Vidy Bharathi Rajkumar, University of Texas at San Antonio

P3-27  When Does Matching by Race Matter for Big Brother Big Sister Youth Outcomes?  
Brach Champion, University of Colorado Boulder; Corey Woodruff, University of Colorado Boulder; Zachary Szlendak, Institute for Defense Analyses

P3-28  Does Having a Son Make You Happier? Evidence From China  
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Angela Clague*, University of California, Los Angeles; Sara Johnsen, University of California, Los Angeles; Hilary Flowers, University of California, Los Angeles

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CHAIR: Mieke Thomeer, University of Alabama at Birmingham
DISCUSSANT: Yuka Minagawa, Sophia University

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Anna Meyer*, Karolinska Institutet; Karin Modig, Karolinska Institutet
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**CHAIR:** Mauricio Rodriguez Abreu, Universidad de las Americas Puebla  
**DISCUSSANT:** Philip Cantu, University of Texas Medical Branch  

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**109 Flash: Public Policy and Child Well-being**

**CHAIR:** Lina Guzman, National Research Center on Hispanic Children and Families  

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**110 Data: Beyond the Analysis**

**CHAIR:** Michelle Poulin, World Bank  
**DISCUSSANT:** Esteban Quinones, International Food Policy Research Institute  

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<td>Emily Smith-Greenaway*, University of Southern California; Diego Alburquerque, Max Planck Institute for Demographic Research; Jenny Trinitapoli, University of Chicago; Emilio Zagheni, Max Planck Institute for Demographic Research</td>
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Time Heals Some Wounds: Depressive Symptoms and Maternal and Paternal Loss Across the Life Course
Chrisna Kamis*, Duke University; Allison Stolte, Duke University; Molly Copeland

Brian Houle*, The Australian National University; Chodziwadziwa Kabudula, University of the Witwatersrand; Alan Stein, University of Oxford; Dickman Gareta, Africa Health Research Institute; Kobus Herbst, Africa Health Research Institute; Samuel Clark, The Ohio State University

Adolescent Contraceptive Use

CHAIR: Sarah Huber-Krum, CDC
DISCUSSANT: Amanda Kalamar, Population Services International
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114-1 Improving Family Planning Uptake Among Adolescent and Youth: Interventions in Niger State, North Central Nigeria
Christabel Akinyode*, Adewale Adefia, Glory Omomase, John Hopkins University Public Health Initiative in Nigeria; Olusola Solanke, John Hopkins University Public Health Initiative in Nigeria

114-2 Social Norms and Adolescent Contraceptive Use in Kenya
Shaon Lahiri*, The George Washington University; Jeffrey Bingenheimer, The George Washington University; Erica Sedlander, George Washington University; Rajiv Rimal, Johns Hopkins Bloomberg School of Public Health

114-3 Understanding Contraceptive Use, Method Failure, and Discontinuation Among Adolescents and Young Women in Poor Urban Settlements of Accra, Ghana
Edmund Wedam Kamkiri*, University of Ghana; Elizabeth Henry, Harvard T.H. Chan School of Public Health; Caesar Agula, Regional Institute for Population Studies (RIPS), University of Ghana; Patrick Asuming, University of Ghana; Iqbal Shah, Harvard T.H. Chan School of Public Health; Ayaga Bawah, University of Ghana

114-4 Trajectories Into Contraceptive Use Among Adolescents in Burundi, Colombia, and Nepal
Kerry MacQuarrie*, The DHS Program (Avenir Health)

Family Planning Post FP2020: Insights and New Directions

CHAIR: Kristin Bietsch, Avenir Health
DISCUSSANT: Jason Bremner, UN Foundation
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115-1 What Works to Improve Contraceptive Access, Choice, and Sustainability? Understanding Private Sector Contributions to mCPR Growth Throughout the S-Curve
Sean Callahan*, Abt Associates

115-2 Subjective Expectations and Demand for Contraception
Grant Miller*, Stanford University; Aureo de Paula, University College London; Christine Valente, University of Bristol

115-3 Advancing Rights-Based Family Planning, 2020–2030
Karen Hardee*, Hardee Associates; Sandra Jordan, Consultant

Gender and Sexuality in Low- and Middle-Income Countries

CHAIR: Massy Mutumba, University of Michigan
DISCUSSANT: Jacques Emina, University of Kinshasa
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116-1 Addressing the Neglected Gaps: A Review of the Literature on the Health and Well-being of Sexual and Gender Minority Adolescents Living in Low- and Middle-Income Countries
Jessica DeMulder*, Cara Kraus-Perrotta

116-2 A Double Burden: Gender and Sexual Stigma Against Toms in Thailand
Stephanie Miedema*, Emory University; Irene Browne, Emory University; Kathryn M. Yount, Emory University

116-3 Generation, Region, and Gender Ideology in China
Rujun Yang*, University of California, Santa Barbara

116-4
The Relationship Between Financial Insecurity and HIV Outcomes Among Men Who Have Sex With Men and Transgender Women in Nigeria
Rachel Robinson*, American University; Nicole Ndembi, Institute of Human Virology Nigeria; Abayomi Aka, International Centre for Advocacy on Right to Health; Chukwuemeka Okoro, International Centre for Advocacy on Right to Health; Olivia Tapkat Dimlong, Institute of Human Virology Nigeria; Christiana Katu, Institute of Human Virology Nigeria; Blessing Kayode, Institute of Human Virology Nigeria; Trevor Crowell, U.S. Military HIV Research Program, Walter Reed Army Institute of Research; Henry M. Jackson Foundation for the Advancement of Military Medicine; Stefan Baral, Johns Hopkins School of Public Health; Rebecca Nowak, Institute of Human Virology, University of Maryland School of Medicine; Man Charurat, Institute of Human Virology, University of Maryland School of Medicine

117  Computational Approaches to Population Health
CHAIR: Ridhi Kashyap, University of Oxford
DISCUSSANT: Diego Alburez-Gutierrez, Max Planck Institute for Demographic Research
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117-1 Megacities as Drivers of National Outbreaks: The 2017 Chikungunya Outbreak in Dhaka, Bangladesh
Ayesha Mahmud*, University of California, Berkeley

117-2 The Effects of Compulsory Vaccination Law and COVID-19 on Vaccine Hesitancy: Analyzing Digital Traces From Italy
Adriana Manna*, Alessia Melegaro, Bocconi University; Veronica Toffolutti, Università Commerciale Luigi Bocconi

117-3 Accelerometry Physical Activity Across Occupations in the United States
Xiao Yu*, Johns Hopkins University; Lingxin Hao, Johns Hopkins University; Andrew Leroux, Johns Hopkins University; Ciprian Crainiceanu, Johns Hopkins University

Ryan Masters*, University of Colorado Boulder; Catherine Talbot, University of Colorado Boulder; Zachary Cramer

118  Structural Racism and Health
CHAIR: Alexis Dennis, University of North Carolina at Chapel Hill
DISCUSSANT: Evans Lodge, University of North Carolina at Chapel Hill
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118-1 Racial Violence and the Mental Health of Black Americans
David Curtis*, University of Utah; Tessa Washburn, University of Utah; Hedwig Lee, Washington University in St. Louis; Ken Smith, University of Utah; Jaewhan Kim, University of Utah; Connor Martz; Michael Kramer, Emory University; David Chae, Tulane University

118-2 Sickness-Related Absences During the COVID-19 Pandemic: The Role of Occupations
Thomas Lyttelton*, Yale University; Emma Zang, Yale University

118-3 Racism and Black Reproduction in the United States
Tiffany Green*, University of Wisconsin-Madison; Jenna Nobles, University of Wisconsin–Madison; Kelsey Wright, University of Wisconsin-Madison

118-4 Racial Disparities in Early Childhood Health in the Dominican Republic
Barbara Zsembik*, University of Florida; Julia Arroyo, University of Florida

119  Migration-Climate Research: Let’s Talk Methods
CHAIR: Amilcar Matos-Moreno,
DISCUSSANT: Megan Bea, University of Wisconsin-Madison
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119-1 Improving the Evidence Base on Climate Migration: Methodological Insights From Two Meta-Analyses
Roman Hoffmann*, Vienna Institute of Demography, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OAW, University of Vienna) & Potsdam Institute for Climate Impact Research; Barbora Sedova, Potsdam Institute for Climate Impact Research; Kira Vinke, Potsdam Institute for Climate Impact Research

119-2 The Impact of Risk Transfer Mechanisms on Smallholder Farmer Climate Adaptation and Rural-Urban Migration in Nepal
Nicolas Choquette-Levy*, Princeton University; Matthias Wildemeersch, International Institute for Applied Systems Analysis; Michael Oppenheimer, Princeton University; Simon Levin, Princeton University

119-3 About Time: How Combination and Sequence of Weather Events Shape Mexico–U.S. Migration Flows
119-4 Drought and Migration: An Analysis of the Effects of Climate Change on Temporary Labor and Return Migration From a Migrant-Sending Area
Adrienne Epstein*, University of California, San Francisco; Emily Treleaven, University of Michigan; Nadia Diamond-Smith, University of California, San Francisco

120 Immigrant Incorporation

CHAIR: Nallely Mejia,
DISCUSSANT: David Lindstrom, Brown University

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120-1 Children of immigrants and Entry Into Marriage
Maurice Anyawie*, Bowling Green State University

120-2 Racial Disparities in Occupation and Income Attainment Between Immigrants and South African-born Women: Evidence From the 2011 Census
Emmanuel Souza*, University of Pennsylvania

120-3 Transnational Status Inconsistency: Immigrants’ Intra-generational Occupational Mobility
Mathieu Ichou*, Louise Caron

120-4 Dual Citizenship, Gender, and Vertical Mismatch: The Labor Market Incorporation of the Latin American-born Population Living in Switzerland
Juan Galeano*, Centre d’Estudis Demografics

121 Child and Infant Mortality Effects of Non-Health Policies

CHAIR: Mark McGovern, Rutgers School of Public Health
DISCUSSANT: Claus Portner, Seattle University

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121-1 Women’s Land Rights and Child Mortality
Fabliha Ibnat*, University of Maryland, College Park

121-2 Echoing Through Time: Intergenerational Effects of Exposure to Armed Conflict, Genocide, and Famine as Determinants of Child Mortality
Jonathan Muir*, The Ohio State University; Samuel Clark, The Ohio State University

121-3 Roads to Better Health: Linkages Between Infrastructure and Child Health Outcomes in India
Pallavi Panda*, SUNY Geneseo

121-4 The Impact of the One Child Policy on China’s Infant Mortality From 1970–1989: A Quasi-Experimental Study
Esther Choo*, University of Washington; Suman Chakrabarti, University of Washington; Yao He, University of Washington

122 Latinx/a/o Demography

CHAIR: Ariela Schachter, Washington University in St. Louis
DISCUSSANT: Margot Moinester, Washington University in St. Louis

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122-1 Opportunity and Place: Latino Children and the Future of America
Daniel Lichter*, Cornell University; Kenneth Johnson, University of New Hampshire

122-2 The Effects of DACA on Migration of Low-Income Families
Dafeng Xu*, University of Washington

122-3 Time-Use Patterns Among Latino/a Immigrants Across Destinations
Elizabeth Ackert*, University of California, Santa Barbara; Jocelyn Wikle, Brigham Young University

122-4 Ethnic Attrition Among Late-Generation Descendants of Mexican Immigrants: New Evidence From Linked Census Records
123 Segregation and Neighborhood Change

**CHAIR:** Matthew Hall, Cornell University  
**DISCUSSANT:** Chris Hess, Rutgers University–Camden  
**DISCUSSANT:** Jackelyn Hwang, Stanford University

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123-1 Changes in Residential Racial Segregation: A Demographic Decomposition Approach  
Benjamin Elbers*, Columbia University

123-2 The Joint Distribution of Age and Race in Racially Integrated Neighborhoods  
Christina Nelson*

123-3 The Neighborhood Attainment of Mixed-Race Couples Across the Black/White Spectrum  
Ryan Gabriel*, Brigham Young University; Jacob Rugh, Brigham Young University; Hannah Spencer; Aisha Tanner

123-4 The Geography of Gentrification and Residential Mobility  
Hyojung Lee*, Virginia Tech; Kristin Perkins, Georgetown University

124 Issues on Both Our Borders: Migration and Politics Between Mexico and the United States

**CHAIR:** Patricia Vargas, Universidad de Guadalajara  
**DISCUSSANT:** Andrew Seele, Migration Policy Institute

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124-1 Migratory Control, Mobility and Inclusion Processes of Population of Central American Origin in the Southern Border of Mexico  
Martha Roja*, El Colegio de la Frontera Sur

124-2 A Safe Place To Land: The Changing Dynamics of Emigration Intentions in Central America and Mexico (2010–2018)  
Jonathan Hiskey*, Vanderbilt University

124-3 The Role of Personal and Contextual Violence in the Intention to Migrate in Honduras: A Comparison of Violent and Non-Violent Neighborhoods  
Maria Estela Rivero-Fuente*, Notre Dame University

124-4 Central American Transit Migration Through Mexico: The Consolidation of Waiting Territories  
Rosalba Jasso Vargas*, Centro de Investigaciones Multidisciplinarias sobre Chiapas y la Frontera Sur UNAM

125 Alternative Family Forms and Child Well-being

**CHAIR:** Sarah Font, Penn State University  
**DISCUSSANT:** Melissa Alcaraz, Ohio State University

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125-1 It’s Not the Economy, Stupid: The Role of Family Characteristics in Mothers’ Transitions to Doubled-up Households  
Hope Harvey*, Cornell University; Rachel Dunifon, Cornell University

125-2 “One Hand Does not Bring up a Child”: Child Mobility in Urban Kenya  
Cassandra Cotton*, Arizona State University; Shelley Clark, McGill University; Sangeetha Madhavan, University of Maryland-College Park

125-3 Children’s Well-being in Sole and Joint Physical Custody Families  
Anja Steinbach*, University of Duisburg-Essen; Lara Augustijn, University of Duisburg-Essen

125-4 The Role of Multigenerational Arrangements in Shaping the Geographical Contexts of Children  
Mariana Amorim*, Washington State University; Adriana Reyes, Cornell University; Shuangshuang Yang, Washington State University

126 Contact Patterns and Risk and Prevention of COVID-19
### 126-1
**An Innovative Nonpharmaceutical Intervention to Mitigate COVID-19: Probability Sampling to Identify and Isolate Asymptomatic Cases**

*Annie Williams*, University of Washington; *Xiaozheng Yao*, Virginia Tech; *Ankita Pal*, University of Washington; *Xiaolu Qian*, University of Washington; *Mansi Rathod*, University of Washington; *Chang Xu*, University of Washington; *Adrian Dobra*, University of Washington

### 126-2
**Quantifying Population Contact Patterns in the United States During the COVID-19 Pandemic**

*Dennis Feehan*, University of California, Berkeley; *Ayesha Mahmud*, University of California, Berkeley

### 126-3
**The Role of the Demographic Structure and Patterns of Social Contacts in an Uncontrolled SARS-CoV-2 Pandemic**

*Adriana Manna*, Bocconi University; *Alessia Melegaro*, Bocconi University; *Nicoleta Balbo*, Bocconi University; *Francesco Billari*, Bocconi University

### 126-4
**The Association Between Age, COVID-19 Symptoms, and Social Distancing Behavior in the United States**

*David Canning*, Harvard T.H. Chan School of Public Health; *Mahesh Karra*, Frederick S. Pardee School of Global Studies, Boston University; *Rashmi Dayalu*, Harvard T.H. Chan School of Public Health; *Muqi Guo*, Harvard University; *David Bloom*, Harvard University

### 127
**Innovations in Statistical and Formal Demography**

*CHAIR: Jason Thomas*, The Ohio State University

*DISCUSSANT: Adrian Raftery*, University of Washington

### 127-1
**Born Once, Die Once: Lifetable Relationships for Fertility**

*Annette Baudisch*, University of Southern Denmark; *Jesus-Adrian Alvarez*, Interdisciplinary Centre on Population Dynamics, University of Southern Denmark

### 127-2
**Validation and Mortality Forecasting: Establishing Method Validation Prior to Forecasting**

*Ricarda Duerst*, Max Planck Institute for Demographic Research; *Christina Bohk-Ewald*, University of Helsinki

### 127-3
**Forecasting Mortality by Causes of Death Coherent With the All-Cause Mortality Forecasts Using the Lee-Carter Model**

*Julia Calazans*, Cedeplar - Federal University of Minas Gerais; *Bernardo Queiroz*, CEDEPLAR

### 127-4
**Analyzing Cause-Specific Mortality Trends Using Compositional Functional Data Analysis**

*Marco Stefanucci*, University of Padova; *Stefano Mazzuco*, Universita di Padova

### 128
**Global Perspectives on Gender and Education**

*CHAIR: Kate Prickett*, Victoria University of Wellington

*DISCUSSANT: Daniela Negraia*, Max Planck Institute for Demographic Research

### 128-1
**The Impact of Expanded Contraceptive Access on Postsecondary Enrollment**

*Sara Yeatman*, University of Colorado Denver; *Amanda Stevenson*, University of Colorado, Boulder Department of Sociology; *Katie Genadek*, University of Colorado Boulder; *Stefanie Molbourn*, University of Colorado Boulder; *Jane Menken*, University of Colorado, Boulder

### 128-2
**The Long-Term Effect of the White Horse Birth Year on Women’s Educational Outcome**

*Soocheol Cho*, Doohoon Lee

### 128-3
**Keeping Girls in Schools Longer: The Kanyashree Approach in India**

*Gitanjali Sen*, Shiv Nadar University; *Dhanushka Thamarapani*, California State University Chico

### 128-4
**The Effects of Negative Economic Shocks at Birth on Adolescent’s Cognitive Health and Educational Attainment in Malawi**

*Fabricre Kampfen*, University of Pennsylvania; *Fatima Zahra*, University of Pennsylvania; *Hans-Peter Kohler*, University of Pennsylvania; *Rachel Kidman*, Stony Brook University

### 129
**Socio-Spatial Inequality in Economic Well-being**

*CHAIR: Megan Bea*, University of Wisconsin-Madison

*DISCUSSANT: Brian Levy*, George Mason University
129-1  Sequences of Demographic and Economic Change Across Small, Rural Places in the United States, 1980–2018
Dylan Connor*, Arizona State University; Myron Gutmann, University of Colorado Boulder; Lori Hunter, University of Colorado Boulder; Stefan Leyk, University of Colorado; Catherine Talbot, University of Colorado Boulder; Johannes Uhl, University of Colorado Boulder; Siqiao Xie, Arizona State University

Ann Owens*, University of Southern California

Matthew Brooks*, Pennsylvania State University

129-4  Distinct Migration Systems and Educational Sorting of U.S. Internal Migrants
Marty Masek*, Florida State University

130  Family Structure and Child Well-being
CHAIR: Xing Zhang, Arizona State University
DISCUSSANT: Sneha Kumar, Cornell University

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130-1  The Smaller the Better? Emerging Family Structure and the Well-being of Chinese Adults
Haowei Wang*, Pennsylvania State University; Ashton Verdery, Penn State; Rachel Margolis, University of Western Ontario

130-2  Examining the Relationship Between Transitions in the Presence of Parents or a Parent’s Cohabiting Partner and Child Well-being
Yeris Mayol-Garcia*, U.S. Census Bureau; Zachary Scherer, U.S. Census Bureau

130-3  Union Formation, Within-Couple Dynamics, and Child Well-being in Global Comparative Perspective
Ewa Batyra*, University of Pennsylvania; Andres Castro, Max Planck Institute for Demographic Research; Luca Maria Pesando, Department of Sociology and Centre on Population Dynamics, McGill University; Frank Furstenberg, University of Pennsylvania; Hans-Peter Kohler, University of Pennsylvania

130-4  Sleep Hours and Quality Before and After Baby: Inequalities by Gender and Partnership
Shih-Yi Chao*, University of Southampton; Brienna Perelli-Harris, University of Southampton; Ann Berrington, University of Southampton; Niels Blom

131  Flash: Union Formation
CHAIR: Fenaba Addo, University of North Carolina at Chapel Hill

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131-1  Educational Hypogamy In India
Koyel Sarkar*, Universite Catholique de Louvain

131-2  Community Voting Patterns and Marriage Formation Before and After COVID-19
Brandon Wagner*, Texas Tech University; Kate Choi, University of Western Ontario

131-3  Marriage Delayed, Not Foregone? The Rising Midlife First Marriage Rate, 1990–2019
Susan Brown*, Bowling Green State University; I-Fen Lin, Bowling Green State University; Kagan Mellencamp

131-4  Assortative Mating, Immigration, and Marriage Timing
Maurice Anyawie*, Bowling Green State University

131-5  Male Wage Inequality and Characteristics of “Early Mover” Marriages
Terra McKinnish*, University of Colorado; Hani Mansour, University of Colorado Denver

131-6  Avoidance of Marriage in South Korea
Joeun Kim*, Pennsylvania State University

131-7  The Demography of Swiping Right: An Overview of Couples Who Met Through Dating Apps
Gina Potarca*, NCCR LIVES

131-8  Union Formation and Assortative Mating Among Single Older Americans
Alex Wambach*, Brown University; Zhenchao Qian, Brown University
132  The Impact of Household and Faculty Factors on International Family Planning Programs

*CHAIR: Nirali Chakraborty, Metrics for Management  
*DISCUSSANT: Amanda Kalamar, Population Services International

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Rebecca Thornton*, University of Illinois; Priyasmita Ghosh

132-2 Diagnosing Inequity in Family Planning Programs
Kaja Jurczynska*, Palladium; Shiza Farid, Avenir Health; Kevin Ward, Palladium; Lyubov Teplitskaya, Palladium; Kristin Bietsch, Avenir Health

132-3 Adding Youth-Focused Interventions to a Family Planning Program Increases Both Youth Contraceptive Use and That of Older Women
Maheen Malik*

132-4 Does Quality of Care in Family Planning Services Differ Between Public and Private Health Sectors in India?
Abhishek Kumar*, Population Council

133 Innovations in Measuring Sexual and Reproductive Health

*CHAIR: Elizabeth Sully, Guttmacher Institute  
*DISCUSSANT: Isaac Maddow-Zimet, Guttmacher Institute

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133-1 Do Changes in Search Engine Queries on Contraception Terms Predict Changes in Birth Rates?
Bozhidar Chakalov*, University of California, Davis; Carrie Holshuch, San Francisco State University; Venoo Kakar, University of California; Anagha Kulkarni, San Francisco State University; Anastasia Smirnova, San Francisco State University; Sepideh Modrek, San Francisco State University

133-2 Temperature, Sexual Behavior, and the Internet: What Can We Learn From Google Searches?
Joshua Wilde*, Max Planck Institute for Demographic Research; Sophie Lehmann, Max Planck Institute for Demographic Research; Wei Chen, Fordham University

133-3 Gone and Forgotten? Constructing Fertility Histories and Sources of Bias
Sharan Sharma*, University of Maryland, College Park; Sonalde Desai, University of Maryland; Santanu Pramanik, National Council of Applied Economic Research; Om Sharma, NCAER; Debasis Barik, National Council of Applied Economic Research

Grace Sheehy*, Johns Hopkins Bloomberg School of Public Health; Elizabeth Omoluabi, CRERD; Funmilola Olaolorun, University of Ibadan, Ibadan, Nigeria; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health; Suzanne Bell, Johns Hopkins Bloomberg School of Public Health

134 Gender- and Sexuality-Based Violence

*CHAIR: Anastasia Gage, Tulane University SPHTM/GCHB  
*DISCUSSANT: Sunita Kishor, ICF International

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134-1 Abused but “Not Insulted”: Understanding Intersectionality in Symbolic Violence
Simantini Mukhopadhyay*, Institute of Development Studies Kolkata; Trisha Chanda, University of Wisconsin–Madison

134-2 Sociodemographic Correlates of Intimate Partner Violence and Reproductive Coercion Among Arab American Women in Dearborn, Michigan
Yasamin Kusunoki*, University of Michigan; Anguneen Khan, UCLA; Jennifer Cruz, University of Michigan; Layla Elabed, ACCESS; Mona Makki, ACCESS; Madiha Tariq, ACCESS

134-3 Revisiting the Polygyny and Intimate Partner Violence Connection: The Role of Religion and Wife’s Rank in Nigeria
Nkechi Oowo*, IUSSP; Victor Agadjanian, University of California Los Angeles

134-4 The Silenced Women: Can Public Activism Stimulate Reporting of Violence Against Women?
Abhilasha Sahay*
135 Flash: Gender, Sexuality, Work, and Family

**CHAIR:** Katherine Weisshaar, University of North Carolina at Chapel Hill

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135-1 Can Gender Ideologies Account for Regional Variation of the Gender Pay Gap in Germany?
Maik Hamjediers*, Humboldt-University of Berlin

135-2 The Relationship Between Gender Ideology and Education Around the World
Ansar Hudde*, Max Planck Institute for Demographic Research; Natalie Nitsche, Wittgenstein Centre (IiASA, VID/ÖAW, WU)

135-3 The Sex Gap in Hourly Pay Is Within Occupations and Within Employment Hours
Ian Lundberg*, Princeton University

135-4 Is There a Child Penalty in South Korea?
Narae Park*, Michigan State University

Poh Lin Tan*, National University of Singapore; Emma Zang, Yale University; Thomas Lyttelton, Yale University; Anna Guo, Yale University

135-6 The Reappearance of Traditional Gender Ideology in the Private Sphere: Gender Divide and the Role of Marital Status
Langou Lian*, University of California, Irvine

135-7 Migration and Agriculture: The Role of Female Farm Management in Rural India
Vidya Bharathi Rajkumar*, Cornell University

135-8 Identifying Latent Classes of Empowerment and the Factors That Cultivate Them Among Early Adolescent Girls in Bangladesh
Christina Misunas*, Population Council; Sajeda Amin, Population Council

136 Life Course Approaches to Population Health

**CHAIR:** Taylor Hargrove, University of North Carolina at Chapel Hill
**DISCUSSANT:** Courtney Boen, University of Pennsylvania

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136-1 Are Cognitive Impairment and Dementia Really Early-Life Problems? Early-Life Inequalities in Measures of Cognitive Function Used to Assess Impairment in Late Life
Nicole Schmidt**, University of Minnesota; Mark Lee, University of Minnesota; John Warren, University of Minnesota; Eric Grodsky, University of Wisconsin; Chandra Muller, University of Texas-Austin; Jennifer Manly

136-2 Upward Mobility Context and Racial Differences in Early Adulthood Mortality
Emma Zang*, Yale University; Nathan Kim, Yale University

136-3 Deaths, Disparities, and Cumulative (Dis)advantage: How Social Inequities Shape Health in Later Life
Heide Jackson*, University of Maryland; Michal Engelman, University of Wisconsin–Madison

136-4 Lifelong Body Mass Index Trajectories and Mortality in Two Generations
Hui Zheng*, The Ohio State University; Paola Echave, Ohio State University; Neil Mehta, University of Texas Medical Branch at Galveston; Mikko Myrskylä, Max Planck Institute for Demographic Research

137 Expanded Questions in Migration-Climate Research

**CHAIR:** Aarti Bhat,
**DISCUSSANT:** Mathew Hauer, Florida State University

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137-1 Climate Change Contributes to Immobility: When Migration Cannot Be Used as an Adaptation Solution
Hélène Benveniste*, Michael Oppenheimer, Princeton University; Marc Fleurbaey, Paris School of Economics

137-2 Migration Toward Bangladesh Coastlines Projected to Increase With Sea-Level Rise Through 2100
Andrew Bell*, Boston University; David Wrathall, Oregon State University; Valerie Mueller, Arizona State University; Joyce Chen, Ohio State University; Michael Oppenheimer, Princeton University; Mathew Hauer, Florida State University; Helen Adams, King’s College London; Scott Kulp,
137-3  Climatic Variation as a Determinant of Rural-Rural Migration Destination Choice: Evidence From Tanzania  
Zaneta Kubik*, University of Bonn

137-4  How Do Climate Shocks and Armed Conflict Affect Migration? A Case Study of Conflict, Climate, and Internal Migration in Zimbabwe, 2002–2012  
Ruthie Burrows*, Jack DeWaard, University of Minnesota, Twin Cities

138  Health and Labor Market Impacts of (Im)Migration

**CHAIR:** Brian Finch, University of Southern California  
**DISCUSSANT:** Alicia Adsera, Princeton University  
**DISCUSSANT:** Joao Rubalcaba,  
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138-1  Large-Scale Migration to a Developing Country: Labor Market Effects of the Venezuelan Exodus to Peru  
Cynthia Boruchowicz*, University of Maryland; Susan Parker, University of Maryland

138-2  What About Immigration? The Closed-Population Assumption in Research on Intergenerational Income Mobility  
Arthur Sakamoto*, Texas A&M University; Ernesto Amaral, Texas A&M University; Shih-Keng Yen, Texas A&M University

138-3  The Impact of International Immigration on the National Mortality Levels of Three Nordic Countries  
Matthew Wallace*, Stockholm University Demography Unit; Michael Thomas, Statistics Norway; Astrid Syse, Statistics Norway; José Manuel Aburto, University of Southern Denmark; Laust Mortensen, Statistics Denmark

138-4  Linking Labor Migration and Food Security in Rural Mozambique: Agricultural Investment, Asset Building, and Local Employment  
Boaventura Cau*, Eduardo Mondlane University; Victor Agadjanian, University of California Los Angeles

139  Gender, Sexuality, and Health

**CHAIR:** Ning Hsieh, Michigan State University  
**DISCUSSANT:** Isabel Pike, Graduate Institute of International and Development Studies (IHEID)  
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139-1  A Longitudinal Analysis of Self-rated Health of Same-Sex Couples: Evidence From the Survey of Income and Program Participation  
Yiwen Wang*, University of Texas at Austin

139-2  Takes Two to Tango? Cognitive Impairment and Sexuality in Older Individuals and Dyads  
Linda Waite*, University of Chicago; James Iveniuk, University of Toronto; Ashwin Kotwal, University of California, San Francisco

139-3  Reporting on Sex at Older Ages in Rural South Africa: Gendered Insights From Surveys and Qualitative Life History Interviews  
Nicole Angotti*, American University; Erin Ice, University of Michigan; Brian Houle, The Australian National University; Enid Schatz, University of Missouri, Columbia; Sanyu Moja, Princeton University; Francesc Gomez-Olive, University of the Witwatersrand

139-4  Cohort Analysis of the State of Female Circumcision in Nigeria: Prevalence, Daughter Circumcision, and Attitude Toward Its Discontinuation  
Babatunde Gbadebo*, University of Ibadan; Adetokumbo Salawu, University of Ibadan; Rotimi Afolabi; Mobolaji Salawu, University of Ibadan; Adeniyi Fagbamigbe; Ayo Adebawale, University of Ibadan

140  The Demography of Crime and Punishment

**CHAIR:** Allison Dwyer Emory, University at Buffalo  
**DISCUSSANT:** Amanda Geller, New York University (NYU)  
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140-1  Armed Conflict and Female Teen Marriage in Azerbaijan  
Orsola Torrisi*, The London School of Economics
140-2 The Impact of Unconditional Police Reporting on Domestic Violence
Esther Arenas-Arroyo*

140-3 Criminal Trajectories and Achieved Fertility in Early-Mid Adulthood
Brittany Ganser*, Bowling Green State University; Karen Guzzo, Bowling Green State University

140-4 Stubborn Differences: The Lasting Impact of Judicial Appointments on Criminal Sentencing
Jason Robey*, University of Wisconsin Madison; Michael Massoglia, University of Wisconsin Madison; Michael Light, University of Wisconsin Madison

141 Long-Term Population Projections: A Roundtable Discussion Among Producers and Expert Consumers
CHAIR: Daniel Goodkind, U.S. Census Bureau
DISCUSSANT: Eliya Zulu, African Institute for Development Policy (AFIDEP)
DISCUSSANT: Sonalde Desai, University of Maryland
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141-1 Panelist
John Wilmoth*, United Nations Population Division

141-2 Panelist
Wolfgang Lutz*, International Institute for Applied Systems Analysis

141-3 Panelist
Christopher Murray*, Institute for Health Metrics and Evaluation

142 Teaching Demography
CHAIR: Lauren McClain, Western Kentucky University
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142-1 How has Teaching Demography Evolved Over Time?
John Weeks*, San Diego State University

142-2 The Promises and Pitfalls of Demographic Categories and Categorization
Jack DeWaard*, University of Minnesota, Twin Cities

142-3 Using Population Data to Develop Empirically Grounded Arguments
Shannon Cavanagh*, University of Texas at Austin

142-4 Teaching Students how to Interpret Population Aging Data
Melanie Brasher*, University of Rhode Island

P4 COVID-19; Data and Methods; and Race and Ethnicity
1:15 PM-2:45 PM — Open Water Poster Gallery

P4-1 Timing Is Everything: Identifying How the Legacy of Slavery Relationship Changes Over Time
Heather O'Connell*, Louisiana State University; Katherine Curtis, University of Wisconsin–Madison; Alexander Mikulas, University of Wisconsin–Madison; Jack DeWaard, University of Minnesota, Twin Cities

P4-2 Examining the Reciprocity Between Perceived Discrimination and Health: A Longitudinal Perspective
Han Liu*, State University of New York at Albany; Tse-Chuan Yang, University at Albany, SUNY

P4-3 Forms and Frequency of Vicarious Racial Discrimination and Health of African American Parents
Kathleen Holloway*, Fatima Varner, The University of Texas at Austin

P4-4 The Impact of “Ban the Box” Policies on Housing Discrimination
Marina Gorzig*, St. Catherine University; Deborah Rho, Karisa Johnson, St. Catherine University; Mumtas Mohamed, University of St. Thomas; Giang Nguyen, University of St. Thomas; Cheyanne Simpson, University of St. Thomas; Emily Young, St. Catherine University; Deborah Rho

P4-5 Drawing Alternative Color Lines: Chinese Baristas and Their Racial Projects in Contemporary Italy
Ting Deng*, Brown University

P4-6 The Effect of Racial Discrimination on Mental and Physical Health: A Propensity Score Approach
The Paradox of Indian American Birth Weight: A Population Update
Abhishek Shankar*, Preeyanka Rao; Deepak Venkatasubramanian, University of North Carolina at Chapel Hill; Anum Imran

Cohort, Signaling, and Early-Career Dynamics: The Hidden Significance of Class in Black-White Earnings Inequality
chunhui ren*

Ankit Rastogi*, University of Wisconsin-Madison

Structural Racism and the Time Use of Black and White American Teens
Linnea Evans*; Julia Gardner, Northern Arizona University

Are Hispanics Healthier in the Past Decade?
Chengming Han*

Multiracial Identity and Educational Attainment
Taylor Aquino*, University of California - Los Angeles

Income Inequality, Education, and Caste in India: Evidence From India Human Development Surveys
Omkar Joshi*, University of Maryland

Social Structure, Employment Choice, and Welfare: Evidence From India
Venkat Nadella*, Indian Institute of Science

Racial Differences in Violent Mortality: The South African Context
Lutendo Malisha*

Factors Associated With County Racial/Ethnic Composition, Opioid Positivity, and Alcohol Intoxication Among American Indian/Alaska Native Suicide Decedents, 2003–2015
Amelia Mueller-Williams*, UCLA

Assessing Changes in Population and Racial Inequality Across Different County Typologies
Ruben Ortiz*, Economic Research Service; Stephanie Bohon, University of Tennessee

Using Computational Text Analysis for Identifying Topics in the Literatures About Integration of Immigrants, 1964–2019
Robert Djogbenou*, Université de Montréal, Visseho Adjiwanou, Université du Québec à Montréal; Solene Lardoux, University of Montreal

Gender and Children’s Racial Classification in Interracial Brazilian Families
Carolina Aragão*, University of Texas at Austin

The Life Cycle of the Amazonian Indigenous Household and Their Livelihoods: Changes in the Last 20 Years and Their Future Perspectives
Rosa Salinas Castro*; Alisson Barbieri, Universidade Federal de Minas Gerais; Richard Bilsborrow, University of North Carolina at Chapel Hill

The Birth (Weight) of a Nation: Racism and U.S. Population Health in the Trump Era
Carmen Gutierrez*, University of North Carolina at Chapel Hill; Nathan Dollar, University of North Carolina at Chapel Hill

Two Worlds of Benefits: Race, Region, and the Works Progress Administration
José Aveldanes*; José Aveldanes

The Demography of COVID-19 Deaths: A Gateway to Well-Documented International Data
Arianna Caporali*, Institut National d’Études Démographiques (INED); Jenny Garcia, Institut National d’études démographiques (INED); Svitlana Poniakina, Institut National d’Études Démographiques; Magali Barbieri, Institut National d’études démographiques (INED); Emmanuelle Cambois, INED; Carlo Camarda, Institut National d’Études Démographiques (INED); France Mesle, Institut national d'études démographiques (INED); Jean-Marie Robine, INSERM / U1198; Catalina Torres, Institute For Demographic Studies (INED)

Progress Report: The Wisconsin Longitudinal Study
Carol Roan*, University of Wisconsin–Madison; Kamil Sicinski, University of Wisconsin–Madison

Secondary Data Resources to Examine the Aging Life Course: The National Archive of Computerized Data on Aging (NACDA)
Kathryn Lavender*, University of Michigan; James McNally, University of Michigan
P4-26 Essential in Name Only: How COVID-19 Has Highlighted Discrepancies in Worker Compensation for the Essential Workforce
Sophia Foster*, University of Minnesota-Twin Cities; Megan Schouweiler, University of Minnesota-Twin Cities

P4-27 The Medicare Current Beneficiary Survey (MCBS): Providing Unique Access to Data on the Medicare Population
Sarah Hoyt*, NORC at the University of Chicago

P4-28 Dynastic Effects Across Complex Traits: Evidence From the Framingham Heart Study
Andrew McMartin*

P4-29 Effect of Income Inequality on the COVID-19 Pandemic: Evidence From European Countries
David Sanchez Paez*, Université catholique de Louvain

P4-30 Impacts of the COVID-19 Pandemic on Rural America
J. Tom Mueller*, Utah State University; Kathryn McConnell, Yale University; Paul Burow, Yale University; Katie Pofahl, Yale University; Alexis Merdanoff, New York University; Justin Farrell, Yale University

P4-31 COVID-19 Mortality Among Native Americans
Katherine Leggat-Barr*, Princeton University; Fumiya Uchikoshi, Princeton University; Noreen Goldman, Princeton University

P4-32 COVID-19 Trends Among Adults With Intellectual and Developmental Disabilities (IDD) Living in Residential Group Homes in New York State
Scott Landes*, Syracuse University

P4-33 Does Past Public Health Spending Improve COVID-19 Response? Evidence From U.S. Counties
Sneha Lamba*, Johns Hopkins Bloomberg School of Public Health; Carrie Wolfson, Johns Hopkins University; Carolina Cardona, Johns Hopkins Bloomberg School of Public Health; Y. Natalie Alfonso, Johns Hopkins Bloomberg School of Public Health; Alison Gemmill, Johns Hopkins Bloomberg School of Public Health; David Bishai, Johns Hopkins University

P4-34 STEM Retention and Job Satisfaction in the COVID-19 Era
Sharon Sassler*, Cornell University; Alexandra Cooperstock, Cornell University

P4-35 Family Relationships, Stress, and Tiredness During and After COVID-19: How Did Essential Workers Fare?
Jeremy Lim*, National University of Singapore; Poh Lin Tan, National University of Singapore

P4-36 Excess mortality during the Covid-19 pandemic in Italy: does crossing the regional borders matter?
Benedetta Pongiglione*, Bocconi University; Oriana Ciani, Bocconi University

P4-37 The Impact of COVID-19 on Fertility Plans in Italy, Germany, France, Spain, and the United Kingdom
FRANCESCA LUPPI*, Università Cattolica del Sacro Cuore; Bruno Arpino, University of Florence; Alessandro Rosina, Università Cattolica del Sacro Cuore

P4-38 Gender Differences in Risk Perception of COVID-19: An Indian Perspective

P4-39 How Are COVID-19 Concerns, Experiences, And Health-Related Implications Different for Adolescent Boys and Girls in Shanghai? Results From the Global Early Adolescent Study
Mengmeng Li*, Johns Hopkins Bloomberg School of Public Health; Chunyan Yu, Shanghai Institute of Planned Parenthood Research (SIPPR); Xiayun Zuo, Shanghai Institute of Planned Parenthood Research (SIPPR); Celia Karp, Johns Hopkins Bloomberg School of Public Health; Astha Ramaiya, Johns Hopkins Bloomberg School of Public Health; Robert Blum, Johns Hopkins University; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health

P4-40 Are Family Learning Environments Related to Children's Education Inequality in the Pandemic?
Ting Shen*

P4-41 Linking Excess Mortality to Mobility Data During the COVID-19 Pandemic in England and Wales
Ugofiglio Basellini*, Max Planck Institute for Demographic Research; Diego Alburez-Gutierrez, Max Planck Institute for Demographic Research; Emanuele Del Fava, Max Planck Institute for Demographic Research; Daniela Perrotta; Marco Bonetti, Bocconi University; Carlo Camarda, Institut National d’Études Démographiques (INED); Emilio Zaghini, Max Planck Institute for Demographic Research

P4-42 The Varying and Unequal COVID-19 Impacts on Labour Earnings, Time Use, and Well-being Across Different Stages of the Lockdown in the United Kingdom
Man Yee Kan*, University of Oxford; Muzhi ZOU, University of Oxford

P4-43 College Students’ Nonmarital Living Arrangements and COVID-19 Risk Behaviors
Drinking Water Contamination and COVID-19 Mortality in the United States
Kelly Hyde*, University of Pittsburgh

Unequal Effects of the COVID-19 Pandemic on Latin American Scientists
Constanza Hurtado*, University of Maryland

A District-Level Susceptibility and Vulnerability Assessment of the COVID-19 Pandemic Footprint in India
Md Juel Rana*, Jawaharlal Nehru University; Kashif Imdad, Chhatrapati Shahi Ji Maharaj University; Mehebul Sahana, University of Manchester; Ismail Haque, Jawaharlal Nehru University; Priyank Pravin Patel, Presidency University; Malay Pramanik, Asian Institute of Technology

Time Difference in Health-Seeking Behaviors and Healthcare Provision: A Case Study on COVID-19 Infections in Shaanxi Province, China
Wenyuan Zheng*, School of Insurance, Southwestern University of Finance and Economics, Chengdu, China; Fabrice Kampfen, University of Pennsylvania; Zhiyong Huang, Southwestern University of Finance and Economics

The Spatial Inequities of COVID-19 Case Rates and Renter Vulnerability in San Francisco County
Amber Crowell*, California State University, Fresno

Adoption of EdTechs for Learning During the COVID-19 Pandemic: The Experiences of Marginalized and Vulnerable Populations
Vollan Ochieng*, African Population and Health Research Center; Moses Ngware, African Population and Health Research Center

Gendered Social, Economic, and Secondary Health Effects of the COVID-19 Pandemic and Mitigation Policies in Nairobi, Kenya

Movement Patterns During COVID-19 Travel Restrictions Within Urban Informal Settlements in Nairobi, Kenya

Effect of Social Distancing on COVID-19 Incidence in Brazil
José Henrique Monteiro da Silva*, Economic Commission for Latin America and the Caribbean; Raphael Guimarães, Oswaldo Cruz Foundation; Gustavo Brusse, UNICAMP

Impact of COVID-19 on Perceived Risk Perception: An Exploratory Study Using Online Survey Method in India
Ajay Singh*, IPE Global; Ruchi Jain, National Council of Applied Economic Research

Racial Segregation and COVID-19 in the Area of West Texas
Nadia Flores-Yeffal*, Texas Tech University

The Effects of COVID-19 on Internal Migration in the United States
Thomas Foster*, U.S. Census Bureau; Lee Fiorio, University of Washington; Mark Ellis, University of Washington

Return Migration of International Students During COVID-19 Pandemic in China
Zai Liang*, State University of New York at Albany; Nan Wang, Xi'an Jiaotong University; Yuanfei Li, University at Albany, SUNY; Zhongshan Yue, Xi'an Jiaotong University

Going Solo in a Pandemic: A Longitudinal Time Diary Study of Social Engagement and Media Consumption for Single and Partnered Respondents Before and During COVID-19
Robert Rinderknecht*, Daniela Negria, University of Oxford; Kelsey Drotting, University of Maryland, College Park; Long Doan; Liana Sayer, University of Maryland; Jessica Fish, University of Maryland; Emilio Zagheni, Max Planck Institute for Demographic Research

Influence of Age and Level of Education on COVID-19 Prevention Practice in Southwest Nigeria
Olanrewaju Eniade*, Dolapo Agbana, University of Ibadan; Bridget Afam, University of Ibadan

COVID-19 and the Future of U.S. Fertility: What Can We Learn From Google?
Joshua Wilde*, Max Planck Institute for Demographic Research; Sophie Lohmann, Max Planck Institute for Demographic Research; Wei Chen, Fordham University
P4-60 Projected Financial Impact of the COVID-19 Crisis on Canadian University Revenues for 2020–2021
André Lebel*, Andrij Popovic, Statistics Canada; Christopher Mathias, Statistics Canada

P4-61 Is Time on Our Side? Examining COVID-19 Racial Disparities by Age Over Time in the United States
Madeleine Fabric*, US Agency for International Development (USAID); David Bishai, Johns Hopkins University; Yoosung Choi, iSQUARED

P4-62 Women's Economic Empowerment and COVID-19: Results From Kenya, Burkina Faso, Nigeria, and the Democratic Republic of Congo
Philip Anglewicz*, Johns Hopkins University; Carolina Cardona, Johns Hopkins Bloomberg School of Public Health; Elizabeth Gummerson; Michele Decker; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Linnea Eitmann

P4-63 COVID-19 Knowledge and Behaviors: Results From Kenya, Burkina Faso, the Democratic Republic of Congo, and Nigeria
Philip Anglewicz*, Johns Hopkins University; Scott Radloff; Elizabeth Gummerson; Saifuddin Ahmed, Johns Hopkins University; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health; Blake Zachary, Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health; Georges Guiella, University of Montreal

P4-64 Risk Perception and Anxiety Associated With COVID-19 Among Mexican Adults
Carla Pederzini*, Universidad Iberamericana; Estela Rivero Fuentes, University of Notre Dame

P4-65 Excess Mortality During the COVID-19 Pandemic in Philadelphia: Comparisons by Sex, Race, and Age
Megan Todd*, Philadelphia Department of Public Health

P4-66 The Gender Gap Reversal in Educational Attainment and Age Differences in Marital and Nonmarital Unions Across Europe
André Grow*, Max Planck Institute for Demographic Research; Jan Van Bavel, KU Leuven – University of Leuven

P4-67 Small Area Population Estimates From Consumer Data: An Application of Bayesian Demographic Methods
Arthur Acolin*, University of Washington; Matthew Hall, Cornell University; Ari Decter-Frain

P4-68 Length-Biased Sampling as a Unifying Concept in Population Studies
Elizabeth Wrigley-Field*, University of Minnesota, Twin Cities

P4-69 Assessing Routes to Improved Mortality Monitoring: The Kerala MARANAM Study
Aashish Gupta*, Population Studies Center, University of Pennsylvania; Sneha Mani, University of Pennsylvania

P4-70 Racial-Ethnic Differences in Case Fatality Ratio Changed After Age Standardization
Ishaan Pathak*, Johns Hopkins School of Public Health; Li Liu, Johns Hopkins University; Yoosung Choi, iSQUARED Global; Dazhi Jiao, Johns Hopkins; Diana Yeung, Johns Hopkins School of Public Health

P4-71 A Systematic Assessment of National Under-5 Mortality Rate by Place of Residence for 112 Countries
Fengqing Chao*, King Abdullah University of Science and Technology; Danzhen You, UNICEF; Lucia Hug; Jon Pedersen, Fafo; Hernando Ombao, King Abdullah University of Science and Technology; Leontine Alkema, University of Massachusetts Amherst

P4-72 Is Retirement More Unequal Than We Think? Income and Poverty Estimates From the Survey of Income and Program Participation Linked to Administrative Records
Daniel Thompson*, United States Census Bureau

P4-73 POPP: Project for the Optical Character Recognition of Parisian Population Censuses, 1926–1946
Sandra Bree*

P4-74 Bayesian Projections of the Total Fertility Rate for Improvements in Education and Family Planning
Daphne Liu*, University of Washington; Adrian Raftery, University of Washington

P4-75 Novel Approaches for Evidence-Based Health Policies for Maternal Mortality in Low- and Middle-Income Countries: Small Area Estimation of Population Data
Opeyemi Latona*, University of Ibadan; Joshua Akinyemi, University of Ibadan; Olusola Ayeni, University of Ibadan, Ibadan. Nigeria.

P4-76 An Analysis of Time-Series Models for Age-Specific Mortality Rates in India
Aritra Sen*, International Institute for Population Sciences; Shalmoli Dutta

P4-77 Latent Attitude Method for Trend Analysis With Pooled Survey Data
Donghui Wang*, Renmin University of China; Yu Xie, Princeton University; Junming Huang, Princeton University

P4-78 Estimating Unmet Need for Modern Contraceptives Among All Unmarried Women Based on Total Exposure to Sex Using Time-Since-Last-Sex Data
Chi Hyun Lee*, Leontine Alkema, University of Massachusetts Amherst
143 Dyadic Understandings of Families and Health

143-1 Adult Child Socioeconomic Disadvantage and Cognitive Decline Among Older Adult Mexican Parents
Jacqueline Torres*, University of California, San Francisco; Jenjira Yahirun, Bowling Green State University; Connor Sheehan, Arizona State University; Mingming Ma, Shanghai University of Finance and Economics; Joseph Saenz, University of Southern California

143-2 Adult Children's Marital Dissolution and Older Parents' Mental Health in South Korea
Pei-Chun Ko*, Singapore University of Social Sciences; Pildoo Sung, Duke-NUS Medical School

143-3 The Effects of Involuntary Job Losses on Depressive Symptoms Within Couples
Anna Baranowska-Rataj*, Umeå University; Alejandro Vega, Umeå University

143-4 Together in Sickness and in Health: Spillover of Physical, Mental, and Cognitive Health Among English Older Couples

143 Dyadic Understandings of Families and Health

CHAIR: Monir Hossain,
DISCUSSANT: Patricia Drentea,

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144  Estimates and Projections: Populations in Decline

**CHAIR:** Shonel Sen, University of Virginia
**DISCUSSANT:** Robert Rhatigan, University of New Mexico

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144-1 An Evaluation of the Risk of Becoming Uninhabited at the Small Area Scale by Logit Models: Using Projected Population of Japan
Takashi Inoue*, Aoyama Gakuin University; Nozomu Inoue, National Institute of Population and Social Security Research

144-2 Demographic Analysis Estimates of Net Coverage Error in the 2020 Census
Eric Jensen*, U.S. Census Bureau; Christine Hartley, U.S. Census Bureau

144-3 An Indirect Assessment of Infant Mortality Estimates in India: A Modified Approach
Prashant Verma*, Banaras Hindu University; Mukti Khetan, Indian Institute of Technology Bombay

144-4 Who Will Live Alone? The One-Person Households in China, 2010–2050
Wei-Jun Yeung*, National University of Singapore; Qiushi Feng, National University of Singapore; Zhenglian Wang, Duke University; Yi Zeng, Duke University

145  COVID-19 and Job Loss

**CHAIR:** Patrick Denice, Western University
**DISCUSSANT:** Jennie Brand, University of California, Los Angeles

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145-1 Derailed by the COVID-19 Economy? An Intersectional Analysis of Older Adults by Age, Gender, Race/Ethnicity, and Social Class
Phyllis Moen*, University of Minnesota; Joseph Pedtke, University of Minnesota; Sarah Flood, University of Minnesota

145-2 Current and Future Food Insecurity During COVID-19: Examining Disparities by Race/Ethnicity and Recent Work Loss
Claire Altman*, University of Missouri, Columbia; Molly Dondero, American University; Dashiell Nusbaum, American University; Colleen Heflin, Syracuse University

145-3 The Unequal Impact of COVID-19 on Children’s Economic Vulnerability
Anna Bokun*, University of Minnesota-Twin Cities; Jessie Himmelstern; Wonjeong Jeong; Ann Meier, University of Minnesota; Kelly Musick, Cornell University; John Warren, University of Minnesota

145-4 Health Insurance, Policy, Job Loss, and Hardship in the COVID-19 Crisis
Sanders Korenman*, CUNY Institute for Demographic Research; Rosemary Hyson, CUNY Institute for Demographic Research and Marxe School of Public and International Affairs

146  Formal Demography—Innovations in Theory and Methods

**CHAIR:** Eungang Choi, The Ohio State University
**DISCUSSANT:** Dennis Feehan, University of California, Berkeley

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146-1 Production, Reproduction, and the Evolution of Social Organization
Ronald Lee*, University of California, Berkeley; C. Y. Cyrus Chu, Academia Sinica

146-2 Mortality Change and Child Survival From the Point of View of a Prospective Mother
Iván Williams*, Diego Alburz-Gutierrez, Max Planck Institute for Demographic Research

146-3 Healthy Longevity From Incidence-Based Models: More Kinds of Health Than Stars in the Sky
Hal Caswell*, University of Amsterdam; Silke van Daalen, University of Amsterdam

147  Gender, Socialization, and Education

**CHAIR:** Jennifer Augustine, University of South Carolina
**DISCUSSANT:** Dara Shifrer, Rice University

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147-1 To Try or Not to Try? The Effects of Biology and Gendered Occupational Expectation on Majoring in STEM
Meng-Jung Lin*, UNC-Chapel Hill

147-2 Competence Beliefs, Gender, and Educational Disparities
Daniela Urbina*, Princeton University; Jennifer Jennings, Princeton University

147-3 Nevertheless, She Persisted: Gender, Grit, and Advancement
Scott Abrahams*, Marwa AlFakhri, Duke University

147-4 Biased Teachers and Gender Gap in Learning Outcomes: Evidence From India
Sonali Rakshit*, Arizona State University; Soham Sahoo, Indian Institute of Management Bangalore

148 Job Instability and Unemployment

CHAIR: Ravaris Moore, Loyola Marymount University
DISCUSSANT: David Pedulla, Harvard University

148-1 The Optimism Paradox: Economic Independence and Outlook for Future Among Young Adults in the United States and China
Langou Lian*, University of California, Irvine; Feng Wang, University of California-Irvine

148-2 Work Instability in Washington Low-Wage Jobs
Hilary Wething*, Pennsylvania State University

148-3 Birth Outcomes Following Unexpected Job Loss: A Matched Sibling Design
Samantha Gailey*, University of California, Irvine; Tim-Allen Bruckner, University of California, Irvine

148-4 Impacts of Unemployment Insurance Modernization on Unemployment Duration by Gender and Marital Status
Joanna Venator*, University of Wisconsin-Madison

149 Romantic Relationships, Family Relationships, and Mental Health

CHAIR: Xing Zhang, Arizona State University
DISCUSSANT: Rin Reczek, The Ohio State University

149-1 Sibling Relationship Quality and Mental Health: The Effects of Sibling Type
Lindsey Aldrich*, Bowling Green State University; Kei Nomaguchi, Bowling Green State University

149-2 Better to Have Loved and Lost? The Impact of Relationship Status and Transitions on Young Women’s and Men’s Mental Health in Sub-Saharan Africa
Ellen Compernolle*, University of Chicago; Jenny Trinitapoli, University of Chicago

149-3 With a Little Help From Grandparents? Depression Trajectories Among Separating Mothers
Niina Metsä-Simola*, University of Helsinki; Anna Baranowska-Rataj, Umeå University; Hanna Remes, University of Helsinki; Mine Kühn, Max Planck Institute for Demographic Research; Pekka Martikainen, University of Helsinki

149-4 Romantic Relationship Involvement in the Context of Parental Death: Are Relationships Protective for Mental Health?
Sara Mernitz*, University of Texas at Austin; Michael Garcia, University of Texas at Austin

150 Methods to Improve Abortion Measurement

CHAIR: Onikepe Owolabi, Guttmacher Institute
DISCUSSANT: Suzanne Bell, Johns Hopkins Bloomberg School of Public Health

150-1 Estimating Prevalence of Abortion Using List Experiments: Findings From a Survey of Women in Delaware and Maryland
Alexandra Kissling*, University of Maryland; Heide Jackson, University of Maryland
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<td>An Exploratory, Mixed-Methods Study to Improve Survey Reporting of Abortion</td>
<td>Jennifer Mueller*, Guttmacher Institute; Marielle Kirstein; Alicia VandeVusse; Laura Lindberg, Guttmacher Institute</td>
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<td>150-3</td>
<td>Measuring Abortion Through Weak Ties: An Assessment of an Application of the Network Scale-up Method to Collect Information on Abortion Safety</td>
<td>Elizabeth Sully*, Guttmacher Institute; Margaret Giorgio, Guttmacher Institute</td>
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<td>Association Between Abortion Motivation and Abortion Safety in Ghana</td>
<td>Jalang Conteh*, University of California, Berkeley; Maureen Lahiff, University of California, Berkeley; Kim Harley, University of California, Berkeley; Karen Weidert, University of California, Berkeley</td>
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151 | Fertility and Intergenerational Relationships |

**CHAIR:** Luoman Bao, California State University, Los Angeles  
**DISCUSSANT:** Keera Allendorf, Indiana University

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<td>Fertility and Fostering: Evidence From Sub-Saharan Africa</td>
<td>Tamara McGavock*, Grinnell College</td>
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<td>Public Pension and Child Care Provision in Intergenerational Settings: The Case of South Korea</td>
<td>Jeongsoo Kim*, University of Texas at San Antonio; Jeongsoo Kim, University of Texas Health Science Center at San Antonio</td>
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<td>How Parental Incarceration Shapes the Timing and Structure of Fertility for Children of Incarcerated Parents</td>
<td>Erin McCauley*</td>
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<td>Longer Lives, Later Births: Generational Overlap in Denmark and the United States</td>
<td>Marcia Carlson*, University of Wisconsin–Madison; Peter Fallesen, Rockwool Foundation</td>
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152 | COVID-19: Racial and Ethnic Disparities |

**CHAIR:** Christy Erving, Vanderbilt University  
**DISCUSSANT:** Sara Chaganti, Federal Reserve Bank of Boston

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<td>Reductions in 2020 U.S. Life Expectancy Due to COVID-19 and the Disproportionate Impact on the Black and Latino Populations</td>
<td>Theresa Andrasfay*, University of Southern California; Noreen Goldman, Princeton University</td>
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<td>Spatial Variation in COVID-19 Mortality in New York City and Its Relation to Communities of Color and Immigrants</td>
<td>Samantha Friedman*, University at Albany-SUNY; Tabassum Insaf, New York State Department of Health; Temilayo Adeyeye, New York State Department of Health; Jin-wook Lee, University at Albany, SUNY</td>
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<td>Social Inequality and COVID-19 Infections and Deaths Across U.S. Counties</td>
<td>Tim Liao*, University of Illinois; Fernando De Maio, American Medical Association</td>
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153 | Flash: Policies, Health, and Well-being |

**CHAIR:** Tia Palermo, University at Buffalo

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<td>How Do State Policies Shape Experiences of Household Job Loss and Mental Health During the COVID-19 Pandemic?</td>
<td>Rachel Donnelly*, Vanderbilt University; Mateo Farina, University of Southern California</td>
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<td>Child Marriage or Statutory Rape? A Comparison of Law and Practice in the United States Since the Year 2000</td>
<td>Kaya Van Roost*, McGill University; Miranda Horn, McGill University; Alissa Koski, UCLA</td>
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<td>Income, Health, and Well-being: Evidence From Pension Eligibility</td>
<td>Vahé Nafilyan*, King's College London; Ludovico Carrino, King's College London</td>
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153-4 Long-Term Impacts of Medical Education Reform on Local Children: Evidence From the Area Health Education Center Program  
Xuechao Qian*, The Ohio State University

153-5 The Effect of Family Income on Child Health in a Welfare State  
Nina Drange*, University of Oslo; Miriam Evensen, Norwegian Institute of Public Health; Rannveig Hart

153-6 Impact of Longer Maternity Leave on Maternal Mental Health and Well-being: Evidence From Chile  
Luis Faundez*, University of Illinois at Chicago

154 Social and Economic Integration of Refugees  
CHAIR: Stephanie Potochnick, University North Carolina at Charlotte  
DISCUSSANT: Maria Aysa-Lastra, Independent Researcher  
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154-1 Welcome to the Neighborhood? Evidence From the Refugees’ Reception System in Italy  
Valeria Zurla*, Brown University

154-2 Using Facebook Advertising Data to Model the Socioeconomic Situation of Syrian Refugees in Lebanon: A Feasibility Analysis  
Masoomali Fatehkia*, Qatar Computing Research Institute; Ingmar Weber, Qatar Computing Research Institute, HBKU

154-3 Local Labor Market Impacts of Immigration: The Case of Venezuela and Brazil  
Rafael Zago*

154-4 Immigration and Occupational Downgrading in Colombia  
Jeremy Lebow*, Duke University

155 Selectivity of Migration  
CHAIR: Reanne Frank, The Ohio State University  
DISCUSSANT: Erin Hamilton, University of California, Davis  
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155-1 Violence in Mexico and Migration to the United States  
Jenna Nobles*, University of Wisconsin–Madison; M. Amelia Gibbons, University of Wisconsin-Madison

155-2 Social Mobility During Lifetime Migration: Transition and Self-selection  
Zhenxiang Chen*, University of California, Los Angeles

155-3 Separate From the Separated City: The Opening of the Transatlantic Sea Route and Emigration of Ethnic Minorities in the Austro-Hungarian Empire  
Dafeng Xu*, University of Washington

155-4 East Across the Pacific: Selectivity of Japanese Immigrants to the United States in the Early Twentieth Century  
Tate Kihara*, Brown University

156 Health Systems and Child Health and Mortality  
CHAIR: Slawa Rokicki, Rutgers School of Public Health  
DISCUSSANT: Sarah Bradley, Abt Associates  
2:30 PM-3:45 PM — Open Water

156-1 Applying Group-Based Trajectory Modeling and Prediction Modeling to Understand Under-5 Mortality Trends and Determinants in Low- and Lower-Middle-Income Countries  
Elizabeth Simmons*, University of North Carolina at Chapel Hill; Gustavo Angeles, University of North Carolina at Chapel Hill; Kavita Ongechi, University of North Carolina at Chapel Hill; William Weiss, USAID

156-2 Does Strengthening Health Systems Improve Childhood Morbidity? Evidence From the Ghana Essential Health Interventions Program in Rural Northern Ghana  
Patrick Asuming*, University of Ghana; Ayaga Bawah, University of Ghana

156-3
The Effect of Integrated Management of Neonatal and Childhood Illness Policy on Mortality: Evidence From Zimbabwe
Nigel James*, Yubraj Acharya, The Pennsylvania State University

Elizabeth Jackson*, Columbia University; James Phillips, Columbia University; Ayaga Bawah, University of Ghana; Patrick Kachur, Columbia University

157 Racial/Ethnic Inequalities in Health and Mortality
CHAIR: Rebbecca Tesfai, Temple University
DISCUSSANT: Diane Coffey, Population Research Center
2:30 PM-3:45 PM — Open Water

157-1 Differential Racialization as a Fundamental Cause of Health Inequality: An Age and Cause Decomposition of the Life Expectancy Gap Between Chinese and Filipinos in the United States
Darwin Baluran*

157-2 Black-White Differences in Exposure to Household Mortality: Variation Across the Life Course and by Socioeconomic Status
Angela Dixon*, Emory University; Jaquelyn Jahn, Harvard T.H. Chan School of Public Health

157-3 Racial/Ethnic and Economic Segregation and Survival in the United States
Ivan Mejia*, Stanford University; Mark Cullen, Stanford University School of Medicine; Shripad Tuljapurkar, Stanford University; V.S. Periyakoil, Stanford University; David Rehkopf, Stanford University

157-4 Riots in the Neighborhood: Impact Assessment of 2013 Riots on Pregnancy Risks, Birth Outcomes, and Birth Survival in India
Soumya Pal*, Sudeshna Dey, Karnataka Health Promotion Trust

158 The Collateral Consequences of Punishment
CHAIR: Youngmin Yi, University of Massachusetts Amherst
DISCUSSANT: Ashley Muchow, University of Illinois at Chicago
2:30 PM-3:45 PM — Open Water

158-1 Under the Radar: Criminal Records, State Policies, and Fathers’ System Avoidance
Allison Dwyer Emory*, University at Buffalo; Shiyue Cui, University at Buffalo

158-2 In a Trump Era: Impact of ICE on Students and Schools
Tatiana Padilla*

158-3 Does the Effect of Jail on Employment Vary by Local Racial Composition? A Quasi-Experimental Approach
Christopher Thomas*, City University of New York

158-4 Early-Life Patterns of Criminal Justice Involvement: Inequalities by Race-Ethnicity, Gender, and Socioeconomic Status
Courtney Boen*, University of Pennsylvania; Nick Graetz, University of Pennsylvania; Hannah Olson, University of Pennsylvania; Zohra Ansari-Thomas; Laurin Bixby, Rebecca Schut, University of Pennsylvania; Hedwig Lee, Washington University in St. Louis

159 Flash: Innovative Methods in Spatial and Environmental Demography
CHAIR: Valerie Mueller, Arizona State University
2:30 PM-3:45 PM — Open Water

159-1 The Importance of Reclassification to Understanding Urban Growth: A Demographic Decomposition of the United States, 1990–2010
Leiwen Jiang*, Population Council and Shanghai University; Bryan Jones, CUNY Institute for Demographic Research; Deborah Balk, CUNY Institute for Demographic Research; Brian O’Neill, University of Denver

159-2 Do Short- and Long-Term Differences Make a Difference in Measuring Environmental Migration?
Elizabeth Fussell*, Brown University; Jack DeWaard, University of Minnesota, Twin Cities; Katherine Curtis, University of Wisconsin–Madison

159-3 Spatial Projections of Age-Structured Populations in India
Ingrid Setz*, Austrian Academy of Science/Vienna Institute of Demography; Erich Striessnig, Wittgenstein Centre (IIASA, VID/ÖAW, Univ. Vienna); Samir K., ADRI, Shanghai University

159-4 Exploring the Nexus Between Environmental Changes and Population Behaviors: New Estimates of Global Net Migration at High Spatial Resolution
Daniela Ghio*, Joint Research Centre European Commission; Alfredo Alessandrini, Joint Research Centre European Commission; Silvia Migali, Joint Research Centre European Commission

159-5 Characterizing Climate-Change Sentiment in Alaska With Twitter Data
Junjun Yin*, Pennsylvania State University; Matthew Brooks, Pennsylvania State University; Guangqing Chi, Pennsylvania State University; Donghui Wang, Princeton University

159-6 How Do Multiple Shocks Impact Health? An Analysis Using Agent-Based Models to Explore the Effects of Climate and Conflict Shocks on Children's Health
Ruthie Burrows*, Sauleh Siddiqui, American University; Kathryn Grace, University of Minnesota, Twin Cities

159-7 Differential Under-5 Mortality in India: Understanding Climate Vulnerabilities
Paradorn Wongchanapai*, City University of New York; Deborah Balk, CUNY Institute for Demographic Research

159-8 Residential Histories in Urban and Rural Places: Quantifying the Impact of Neighborhood Exposures on Population Health in Wisconsin
Megan Agnew*, University of Wisconsin-Madison; Wei Xu, University of Wisconsin-Madison; Sarah Salas, University of Wisconsin-Madison; Amy Schultz, University of Wisconsin-Madison; Michal Engelman, University of Wisconsin-Madison; Kristen Malecki

160 Redistricting and the 2020 Census

CHAIR: Mary Jo Hoeksema, Director, PAA Office of Government and Public Affairs
DISCUSSANT: Teresa Sullivan, University of Virginia

2:30 PM-3:45 PM — Open Water

160-1 Overview of Census Bureau Redistricting Data Operations
Kathleen Styles*, U.S. Census Bureau

160-2 How States use Redistricting Data
Michael Li*, New York University

160-3 Implications of Disclosure Avoidance System for Redistricting Data
Michael McDonald*, University of Florida

160-4 Use of Citizenship Voting Age Population File for Redistricting Data
Jeffrey Wice*, New York Law School

P5 Family Demography; and Historical Demography

3:15 PM-4:45 PM — Open Water Poster Gallery

P5-1 Is There a Common Path to a Life Expectancy Above 80? Examining Historic Variation in the Pace and Causes of Post-War Mortality Declines Across Europe
Nikkil Sudharsanan*, Heidelberg Institute of Global Health; Trasias Mukama, German Cancer Research Center; Benjamin Seligman, Stanford University

P5-2 Racial Fluidity in the United States: A Historical Place-Based Analysis Using Census-Linked Administrative Data (CenSoc)
Grace Venechuk*; Leah Foltman, University of Wisconsin-Madison

P5-3 Height's Association With Fertility Outcomes: The Case of the Dutch, Birth Years 1840–1880
Kristina Thompson*

P5-4 Geography, Education, and Fertility Decline: Evidence From 1970 Colombia
Juliana Jaramillo*, London School of Economics

P5-5 Micropolitan Areas and the U.S. Metropolitan Hierarchy, 1950–2010
Todd Gardner*, US Census Bureau

P5-6 The Role of Religion and Forerunners During the Fertility Decline in England and Wales, 1851–1911
Stephanie Thiehoff*, Andrew Hinde, University of Southampton; Brienna Perelli-Harris, University of Southampton; Agnese Vitali, University of Trento

P5-7 The Transformation Trend of Chinese Women’s First Marriage Pattern
P5-8 Co-Occurring Family Stressors in Latino Families: Evidence From the Supporting Healthy Marriage Evaluation
Elizabeth Wildsmith*, Child Trends, Inc.; Yiyu Chen, Child Trends

P5-9 Problems in the Family: Controlling for Age, Period, or Cohort in Sibling Comparison Designs
Ben Wilson*, Stockholm University; Maarten Bijlsma, Max Planck Institute for Demographic Research; Siddartha Aradhya, Lund University; Alice Goisis, University College London

P5-10 Multiracial Children’s Experiences of Family Instability
Kate Choi*, University of Western Ontario; Rachel Goldberg, University of California Irvine

P5-11 Siblings as Brokers of Family Social Capital: Compensatory Time Use in India
Melissa Alcaraz*, The Ohio State University; Ashley Larsen Gibby, Penn State University; Nancy Luke, Penn State University

P5-12 Caregiving and Self-esteem in Mid- and Later Life: Variation by Age, Family, and Health
Jeffrey E. Stokes*, University of Massachusetts Boston; Sarah Patterson, University of Michigan

P5-13 Sociodemographic and Behavioral Factors of Physical Intimate Partner Violence (IPV) Perpetration Among Men in South Africa
Pride Kandemiri*

P5-14 His State or Her State? Married Couples’ States of Birth and Current Residence, 1900–2018
Lydia Anderson*, U.S. Census Bureau

P5-15 Racial, Ethnic, and Nativity Differences in Family Formation and Dissolution in the United States
Zohra Ansari-Thomas*

P5-16 Educational Attainment, Educational Pairings, and Women’s Marriage Behavior in the Turkish Context
Taylan Acar*

P5-17 Wealth Accumulation by Marital Sorting on Own Education and Parental Education
Cheng Cheng*, Princeton University; Yang Zhou, Central University of Finance and Economics

Debasmita Das*, Purdue University

Erich Striessnig*, Wittgenstein Centre (IIASA, VID/ÖAW, Univ. Vienna); Alessandra Trimarchi, Department of Sociology, University of Vienna

P5-20 Demographic Considerations and Food Security in Nigeria
Nkechi Owoo*, IUSSP

P5-21 Testing a Parental Investment Model in Brazil: Achievement of 5th and 9th Graders in a National Census of Public School Students
Andrew Koepp*, University of Texas at Austin; Elizabeth Gershoff, University of Texas at Austin; Leticia Martelete, University of Texas at Austin

P5-22 Does Fixed-Term Employment Have Spillover Effects on the Well-being of Partners? A Panel Data Analysis for East and West Germany
Sonja Scheuring*, Jonas Voßemer; Anna Baranowska-Rataj, Umeå University; Giulia Tattarini, Berlin Social Science Center (WZB)

P5-23 Love Marriage in India
Koyel Sarkar*, Universite Catholique de Louvain; Ester Lucia Rizzi, Université catholique de Louvain

P5-24 New Paths to Couple Formation in Contemporary France
Léonard Moulin*, French Institute For Demographic Studies (INED); Marie Bergström, INED

P5-25 Son Preference and Paternal Subjective Well-being
Youngghan Song*, Union College; Jia Gao, The World Bank

P5-26 Family Forms Survey: Identifying Donor-Conceived Offspring, Donors, and Recipients in a National Panel
Rachel Arocho*, Utah Valley University; Elizabeth Lozano, University of Illinois at Urbana-Champaign; Rebecca Hansen, Utah Valley University; Rhea Rehani, University of Illinois at Urbana-Champaign; Abigail Thompson, Utah Valley University; Taylor Fleming, University of Illinois at Urbana-Champaign; Gracie Robinson, Utah Valley University

P5-27 Spousal Care Arrangements and Caregivers’ Well-being: Variations by Gender and Social Welfare Regime
P5-28 Men’s Employment and Women’s Sleep in South Africa
Seungwan Kim*, University of Maryland; Sangeetha Madhavan, University of Maryland-College Park

P5-29 Economic Well-being and Pre-Divorce Labor Supply Patterns of Subsequently Divorcing Mothers in Wisconsin
Trisha Chanda*, University of Wisconsin–Madison

P5-30 Spousal Caregiving and Depression Among Older Adults in China: Does Work Status Matter?
Haoshu Duan*, University of Maryland; Feinian Chen, University of Maryland

P5-31 Income Shock and Food Insecurity Prediction: Vietnam Under the Pandemic
Khoa Vu*, Nguyen Vuong, University of Wisconsin-Madison; Anh Nguyen, DEPOCEN; Anh Vu, Fulbright University

P5-32 The Homogamy and Convergence Hypothesis Revised: Union Dissolution Among Second-Generation Caribbeans
Gusta Wachter*, Netherlands Interdisciplinary Demographic Institute; Niels Kooiman, Statistics Netherlands (CBS)/University of Amsterdam; Helga de Valk, NIDI(KNAW)/University of Groningen

P5-33 Mother’s and Infants’ Health Consequences of Maternity Unit Closures: Evidence From a French Administrative Database
Léa Ambroise*, Institut National d’Études Démographiques (INED)

P5-34 Parents’ Time Use in Doubled-up Households: Who Benefits?
Ariane Ophir*, University of Wisconsin–Madison

P5-35 Unequal Childhoods, Equal Relationships? The Role of Parental Figures in the Transition to Adulthood
Ariane Ophir*, University of Wisconsin–Madison; Paula Fomby, University of Michigan; Marcia Carlson, University of Wisconsin–Madison

P5-36 Family Complexity and Teacher Perceptions of Parental Supportiveness
Emma Romell*, University of Wisconsin-Madison

P5-37 Bring Family in Understanding the Migrant Parental Settlement Intention: Distance of the Affection, Geospatial, and Hukou System
Che lei*, Xi’an jiaotong university; Haifeng Du, Stanford University

P5-38 Meeting Settings, Homogamy, and Premarital Cohabitation in China
Man Zhang*

P5-39 How Does Housework Influence the Motherhood Penalty?
Angela Clague*, Department of Sociology, UCLA

P5-40 The Mediating Effects of Household Resources in Orphan Disadvantage in Cambodia
Angela Clague*, Department of Sociology, UCLA; Patrick Heuveline, University of California; Dwight Davis, Guest

P5-41 Patterns of Subjective Well-being (Dis)advantages in Belarus: The Intersectionality of Partnership, Parenthood, Gender, and Migration
Vytentis Juozas Deimantas*, Lithuanian Social Research Centre

P5-42 Changes in Pan-Ethnicity and Racial Boundaries in the United States Based on Interracial Marriage Patterns, 1980–2018
Aaron Gullickson*, University of Oregon

P5-43 Employment Uncertainty and Fertility in Couples: Which Uncertainty Matters?
Danilo Bolano*, University of Lausanne; Daniele Vignoli, University of Florence

P5-44 If You Go Right, I Go Left! Partners’ Political Preferences and Union Dissolution
Bruno Arpino*, University of Florence; Alessandro Di Nallo, Université de Lausanne

P5-45 Cohabitation Wealth Premium: Comparing France, Eastern and Western Germany
Nicolas Frémeaux*, Université Paris 2 Panthéon-Asss; Nicole Kapelle, Humboldt University of Berlin; Marion Leturcq, Institut National d’Études Démographiques (INED)

P5-46 Repartnering and Fertility
Francesca Luppi*, Università Cattolica del Sacro Cuore; Matteo Miglioli; Chiara Pronzato, University of Turin
P5-47  More Than Friends: Profiles of Adolescent Romantic Relationships in Rural Mexico  
Melissa Alcaraz*, The Ohio State University

P5-48  Father Absenteeism and Its Association With Receiving Injuries From Episodes of Violence During Adolescence and Young Adulthood in Honduras  
Alejandra Leyton*

P5-49  Predictors of Longitudinal Intergenerational Transfer Patterns  
Isabelle Notté*, Brown University

P5-50  Early Childhood Education Expenditures and Maternal Employment as a Function of Child Age  
Emily Miller*, Princeton University

P5-51  Changing Composition of Consanguineous Marriage in South India  
Harihar Sahoo*, International Institute for Population Sciences; Paramita Debnath, International Institute for Population Sciences; Chaitali Mandal; Rangasamy Nagarajan

P5-52  An Update on Marital Dissolution Rates in the New Millennium  
Kim McErlean*

P5-53  Number of Siblings and Divorce in East Asia: The Importance of Social Context  
Douglas B. Downey*, The Ohio State University; Man Yao, The Ohio State University

P5-54  Intersecting Hierarchies: Individual and Societal Correlates of Women’s Autonomy Within Household  
Dhiman Das*, Maryland Population Research Center; Sonalde Desai, University of Maryland

P5-55  How Does She Do It All? The Daily Cadence of Working Mothers’ Lives and Their Health  
Kate Prickett*, Victoria University of Wellington; Jennifer Augustine, University of South Carolina

P5-56  Divergent Transmission of Resources at the Starting Gate Through Time: Preschoolers in Singapore  
Wei-Jun Yeung*, National University of Singapore; Jyeon Lee, National University of Singapore; Yan Song Lee, National University of Singapore

P5-57  Parental Work Hours, Parental Education, and Child Sleep  
Cassidy Castiglione*, Rice University; Mackenzie Brewer, Baylor University; Rachel Kimbro, Rice University

P5-58  Duration of the Division of Household Labor and Wages: Accumulating Penalties and Diversity Across Income Distribution in the United Kingdom  
Niels Blom*, Lynn Cooke, University of Bath

P5-59  Does Children’s Education Improve Parental Longevity? Evidence From Two Educational Reforms in England  
Joan Madia*, Patrick Praeg, University of Oxford; Christiaan Monden, University of Oxford

P5-60  The Social Structures of Sleep: Effects of Professional and Family Constraints on Workers’ Sleep  
Capucine Rauch*

P5-61  Revisiting Horizontal Stratification in Higher Education: College Prestige Hierarchy and Educational Assortative Mating in China  
Jiashi Feng*

P5-62  Economic Homogamy and Income Inequality Across OECD Countries: A Country Counterfactuals Approach  
Leo Azzollini*, University of Oxford; Richard Breen, University of Oxford; Brian Nolan, University of Oxford

P5-63  The Effects of Expanding Female Economic Opportunities on Fertility: Causal Evidence From a Randomized Control Trial in Bangladesh  
Shamma Alam*, Dickinson College; Claus Portner, Seattle University

P5-64  The Role of Marital Status and Family Support in Alleviating Maternal Stress in an Informal Settlement in Kenya  
Shelley Clark*, McGill University; Madeleine Henderson

P5-65  Walking and Talking Women’s Rights  
Nir Rotem*, University of Minnesota; Elizabeth Boyle, University of Minnesota

P5-66  Dowries, Resource Allocation, and Poverty  
Ajinkya Keskar*, Rice University; Rossella Calvi

P5-67  Local Crime and Early Marriage of Women in India  
Sudipa Sarkar*, University of Warwick
Race/Ethnicity and Family Structure: An Exploration of Residential Segregation
Colleen Wynn*, University of Indianapolis

Maternal Mental Health and Early Childhood Development: Exploring Critical Periods and Sources of Support
Charlotte Farewell*, University of Colorado Anschutz; Emily Melnick, University of Colorado Denver; Jenn Leiferman, University of Colorado Anschutz

The Black-White Remarriage Gap: Reassessing Economic Prospects Using the Military Context
Ryan Cho*, University of California - Los Angeles

Income Trajectories Over the Life Course: How Do Canadian Complex Families Fare After a Second Birth?
Ana Laura Fostik Sanchez*, Statistics Canada; Celine Le Bourdais, McGill University

Relationship Conflict and Intimate Partner Violence During COVID-19: A Longitudinal Analysis of Young Men and Women
Wendy Manning*, Bowling Green State University; Peggy Giordano, Bowling Green State University; Monica Longmore, Bowling Green State University; Jennifer Copp

Child Support Debt, Economic Hardship, and the Well-being of Disadvantaged Fathers
Nathan Robbins*, Cornell University; Maureen Waller, Cornell University; Lenna Nepomnyaschy, Rutgers University; Daniel Miller, Boston University

Adolescent Parental Loss and Young Adult Union Instability: Exploring an Underexamined Source of Disadvantage
Randi Saunders*, The University of Texas at Austin

Power of the Purse: Gender, Land Ownership, and Well-being of Elderly Indians
Xu Yan*, Sonalde Desai, University of Maryland, College Park; Debasis Barik, National Council of Applied Economic Research

Racial/Ethnic and Geographic Disparities in Substance Use–Associated Foster Care Entries
Haley Stritzel*, University of Texas at Austin

Familial Financial Transfers and College Completion: A Propensity Score Weighing Analysis
Yeonjoo Song*

Multimorbidity Among Women in Reproductive Age Group (15–49 years) in India
Parul Puri*, Ajinkya Kothvale, International Institute for Population Sciences

Time or Money? The Gendered Effect of Relative Working Hours and Economic Dependency to the Unpaid Care Work in Urban China
Yu Wang*, Duke Kunshan University

Racial Differences in Paid Parental Leave Access
Julia Goodman*, OHSU-PSU School of Public Health; Connor Williams, University of California-Berkeley; William Dow, University of California-Berkeley

Lowest-Low Fertility in Singapore: Current State and Prospects
Keita Suga*, National Institute of Population and Social Security Research

Parenthood, Work-Family Conflict, and Well-being: Are Work Hours a Mediating Factor?
Ariane Pailhe*, French Institute for Demographic Studies; Delphine Remillon, Institut national d’études démographiques

Beyond Gender Division of Labor? Living Arrangements and Married Women’s Housework
Shuanghuang Yang*, Washington State University

Property in Whose Name? Intrahousehold Bargaining Over Homeownership in China
Yu Jia*, Peking University; Cheng Cheng, Princeton University

Motherhood and Employment in China: Do Living Arrangements and Child’s Gender Make a Difference?
Yu Jia*, Peking University; Cheng Cheng, Princeton University

What Do Parents Know About Their Children? Misperceptions of Well-being and Implications on Resource Allocations in the Family
Marwa AlFakhri*, Duke University

Prevalence Pattern and Sociodemographic Correlates of Single Motherhood in Nigeria
Yemi Adewoyin*, University of Nigeria

Greedy Schemas: Explanations and Experiences of Occupational Gender Segregation
Isabel Pike*, Graduate Institute of International and Development Studies (IHEID); Rachael Pierotti, World Bank
Benson John*, Natalie Nitsche, Wittgenstein Centre (IIASA, VID/ÖAW, WU)

Fathers’ Migration and Nutritional Status of Left-Behind Children in India: The Salience of Maternal Education and Resources in Early Life
Kriti Vikram*, National University of Singapore

Adverse Family Exposures in Childhood and Later-Life Health and Socioeconomic Outcomes
Elyse Jennings*, Harvard Center for Population and Development Studies; Sumaya Mall, University of Witwatersand

The Great Recession and the Work-Parenting Balance: A Time Use Study Among Italian Couples
Annalisa Donno*, University of Padua; Maria-Letizia Tanturri, University of Padova

Mothers’ Work Trajectories in Nepal
Sarah Brauner-Otto*, McGill University; Ka U Ng; Chih-Ian Winnie Yang, McGill University

Time Transfer Accounts by Types of Households and Income Groups in Brazil
Jordana de Jesus*, Simone Wajnman, CEDEPLAR; Cassio Turra, CEDEPLAR

Have Sedentary Lifestyles Reached Even Remote Parts of the Global South? Evidence From Time Use Data From Adolescents in India
Solveig Cunningham*, Emory University; Shailaja Patil, BLDE (DU); John Pothen , Emory University

Intergenerational Relationships, Household Resources, and Well-being Among Remarried Elderly Families
Anqi Li*, East China Normal University

What If She Earns More? Gender Pay Gap Within Couples
Ewa Cukrowska-Torzewska*, University of Warsaw, Faculty of Economic Sciences; Iga Magda, Warsaw School of Economics; Marta Palczynska, Institute for Structural Research

Life Course Variations in Spouses’ Division of Roles in Urban Areas of Iran
Fatemeh Torabi*, University of Tehran

Limits to Motherhood’s Standards: Latent Classes of Intensive Mothering in the United States
Jane Lankes*

Robot Production and Human Reproduction: Assessing the Role of Changing Labor Markets on Fertility in Europe
Anna Matysiak*, University of Warsaw; Daniela Bellani, University of Florence; Daniele Vignoli, University of Florence; Honorata Bogusz, University of Warsaw

Examining the Trend in the Prevalence and Predictors of Child Fostering in Nigeria, 2008–2018
Oluwatobi Alawode*, University of Florida

Not So Different After All? Effects of Nest-Leaving and Partnership Formation on Low-Fertility Variations Across Countries
Momoko Nishikido*, Centre d’Estudis Demografics; Qi Cui, Australian National University; Albert Esteve-Palos, Centre d’Estudis Demografics

Older Americans and the Food Security Infrastructure
Kelly Balistreri*, Bowling Green State University

How Do Mothers Work? Kin Coresidence and Mothers’ Work in Latin America
Carolina Aragão*, University of Texas at Austin; Aida Villanueva, University of Texas at Austin

Children’s Media Use, Co-Use, and Family Member Relationship Quality Over Time: The Role of Socioeconomic Status
Annaliese Grant*, University of Wisconsin–Madison

Family Structure and Children’s Television Time Over Early to Middle Childhood
Annaliese Grant*, University of Wisconsin–Madison; Marcia Carlson, University of Wisconsin–Madison

Being a Good Mother With Cancer: Attention or Pressure?
Hyeran Chung*, University of Illinois at Urbana-Champaign; Yilan Xu, University of Illinois

Matt Erickson*, University of Kansas
The Interaction of Husbands’ and Wives’ Labor-Market Traits in the Decision to Live Apart: Evidence From Linked Survey and Administrative Data
Marta Murray-Close*, U.S. Census Bureau

P5-110 Workers Who Care: Unpaid Care for Parents and the Well-being of Older, Working-Age Men and Women Across Europe
Elisa Labbas*, Lund University; Maria Stanfors, Lund University

P5-111 Why Are Cousin Marriages So Common in Pakistan? Examining the Effects of Cultural Norms, Dowry, and Economic Development as Potential Drivers
Mary Shenk*, Pennsylvania State University; Saman Naz, Pennsylvania State University; Theresa Chaudhry, Lahore School of Economics

P5-112 Girls’ Time Use During Early Adolescence and Its Link to Early Marriage: Comparative Evidence From Four Low-Resource Settings
Momoe Makino*, Population Council; Christina Misunas, Population Council

P5-113 Sleep Rules and Sleep Regulation Among Children of Incarcerated Parents
Amelia Branigan*, University of Maryland, College Park; Jess Meyer, University of North Carolina at Chapel Hill

P5-114 Affirmative Action Policies and Interracial Marriage
Shiyi Chen*

P5-115 Poverty and Childbirth in the United States and Germany
Lewis Anderson*; Zachary Van Winkle, University of Oxford

161 Gender Disparities in Later Life
CHAIR: Bethany Everett, University of Utah
DISCUSSANT: Amber Thompson, University of Utah
4:00 PM-5:15 PM — Open Water

161-1 The “Long Arm” of Incarceration: Examining Histories of Incarceration and Health Outcomes Among Older Women and Men
Kenzie Latham-Mintus*, Indiana University-Purdue University Indianapolis; Monica Deck, IUPUI; Elizabeth Nelson, IUPUI

161-2 Gender and Geography-Related Disparities in U.S. Life Expectancy: Time Trends and Disease Contributions
Arseniy Yashkin*, Duke University; Julia Kravchenko; Igor Akushevich, Duke University

161-3 Gender, Union Formation, and Assortative Mating Among Older Americans
Daniel Lichter*, Cornell University; Zhenchao Qian, Brown University; Haoming Song, Brown University

162 Community-Based Demography
CHAIR: Jamiko Deleveaux,
DISCUSSANT: John Green, University of Mississippi
4:00 PM-5:15 PM — Open Water

162-1 Natural Decrease Becomes More Widespread in Subareas of the United States
Kenneth Johnson*, University of New Hampshire

Neal Marquez*, University of Washington; Steven Bao, University of Washington; Eileen Kazura, University of Washington; Jessica Lapham, University of Washington; Priya Sarma; Crystal Yu, University of Washington; Christine Leibbrand

Noli Brazil*, University of California, Davis; Jenny Wagner

163 Demographic and Forecasting Models During Pandemics
CHAIR: Jesús-Adrian Alvarez, University of Southern Denmark
DISCUSSANT: Stefano Mazzuco, Universita di Padova
DISCUSSANT: Ronald Richman, QED Actuaries & Consultants
4:00 PM-5:15 PM — Open Water

163-1 Modeling COVID-19 Mortality at the Regional Level in Italy
164 Data in a Crisis: Collecting New and Leveraging Old

CHAIR: Nadia Diamond-Smith, University of California, San Francisco
DISCUSSANT: Ingmar Weber, Qatar Computing Research Institute, HBKU

4:00 PM-5:15 PM — Open Water

164-1 Collecting Data During the COVID-19 Crisis: Experiences, Adaptations, and Outcomes of the PSID Child Development Supplement
Narayan Sastry*, University of Michigan; Paula Fomby, University of Michigan

164-2 The Short-Term Mortality Fluctuations Series: New Data Resource on Weekly Mortality
Dmitri Jdanov*, Max Planck Institute for Demographic Research; Ainhoa Alustiza Galarza, Max Planck Institute for Demographic Research; Vladimir Shkolnikov, Max Planck Institute for Demographic Research; Domantas Jasilionis, Max Planck Institute for Demographic Research; Laszlo Nemeth, Max Planck Institute for Demographic Research; David Leon, London School of Hygiene & Tropical Medicine (UK); Magali Barbieri, Institut National d’Études Démographiques (INED); Carl Boe, University of California-Berkeley

164-3 Assessing the Reliability of Facebook’s Advertising Data for Use in Demographic Research
Andre Grow*, Max Planck Institute for Demographic Research; Daniela Perrotta, Emanuele Del Fava, Max Planck Institute for Demographic Research; Jorge Cimentada, Max Planck Institute for Demographic Research; Francesco Rampazzo, University of Oxford; Sofia Gil-Clavel, Max Planck Institute for Demographic Research; Emilio Zaghini, Max Planck Institute for Demographic Research; René Flores, University of Chicago; Ilana Ventura, University of Chicago; Ingmar Weber, Qatar Computing Research Institute, HBKU; Kiran Garimella

164-4 Using Crowdsourcing Platforms in Study Designs During the COVID-19 Pandemic: Lessons From a Mechanical Turk Survey Experiment on Mask Wearing
Noelle chesley*, Helen Meier, University of Michigan; Sarah Laurent, University of Wisconsin - Milwaukee

165 Family and Work: Gender Inequality at Work

CHAIR: Jennifer Hook, University of Southern California
DISCUSSANT: Pilar Gonalons Pons, University of Pennsylvania

4:00 PM-5:15 PM — Open Water

165-1 Learning to Labor: Long Work Hours and Early Career Retention Among STEM Professionals
Sharon Sasser*, Cornell University; Alexandra Cooperstock, Cornell University; Jennifer Glass, University of Texas-Austin

165-2 Birth Spacing, Age at First Child, and Education: What Roles Do They Play in Working Mothers’ Within-Organization Career Paths?
Lisa Carlson*, Bowling Green State University; Karen Guzzo, Bowling Green State University

165-3 His and Her Occupational Inflexibility and Short-Term Earnings Changes Following First Birth
Kelly Musick*, Cornell University; Wonjeong Jeong

165-4 Occupational Licensing, Trailing Spouses, and Labor Market Attachment
Janna Johnson*, Humphrey School of Public Affairs

166 Unemployment, Job Insecurity, and Economic Insecurity

CHAIR: Jennie Brand, University of California, Los Angeles
DISCUSSANT: Daniel Schneider, University of California, Berkeley

4:00 PM-5:15 PM — Open Water
Economic Hardship and Mental Health During COVID-19 Lockdowns
Dirk Wieveen*, University of Oxford, Nuffield College; Eva Velthorst, Mount Sinai, NYC, Icahn School of Medicine

Unemployment and Job Insecurity: Education and Generation as a Safety Net During COVID-19
Sigal Alon*, Tel Aviv University

The Great Balancing Act: Households, Debt, and Economic Insecurity
Michelle Maroto*, University of Alberta

The Contextual Effect of Unemployment
Florence Torche*, Stanford University; Claire Daiviss

Family Complexity
CHAIR: Mariana Amorim, Washington State University
DISCUSSANT: Pamela Smock, University of Michigan
4:00 PM-5:15 PM — Open Water

Biological Mother Engagement With Children Across Contemporary Family Structures
Kierra Saler*, University of North Carolina at Greensboro; Marcia Carlson, University of Wisconsin–Madison

Similarly Structured, Functionally Different: Population Heterogeneity in Family Structure and Childrearing Arrangements
Christina Cross*, Harvard University; Xing Zhang, Arizona State University

Childhood Parental Ties and Coresidence, Family Structure Stability and Change, and Later-Life Transfers to Parents
Sarah Patterson*, University of Michigan; Paula Fomby, University of Michigan

Her Kids, His Kids, Our Kids: Family Complexity and Parent-Child Relationships in Later Life
I-Fen Lin*, Bowling Green State University; Judith Seltzer, University of California, Los Angeles

Impact of Abortion Laws and Policies
CHAIR: Gilda Sedgh, Independent Consultant
4:00 PM-5:15 PM — Open Water

Racial and Ethnic Disparities in the Implications of Restrictive Abortion Policies on Infant Health
Sara Redd*; Whitney Rice, Emory University; Sarah Blake, Emory University; Jason Hockenberry, Emory University; Kelli Hall, Columbia University

Denial of Legal Abortion in Nepal
Mahesh Puri*, Center for Research on Environment Health and Population Activities; Sara Daniel, Johns Hopkins University; Sunita Karki, Center for Research on Environment Health and Population Activities; Dev Chandra Maharjan, Center for Research on Environment Health and Population Activities; Chris Ahlbach, University of California-San Francisco; Nadia Diamond-Smith, University of California, San Francisco; Diana Foster, University of California-San Francisco

Banning Induced Abortion in the United States Would Increase Pregnancy-Related Deaths Even Without Increases in Unsafe Abortion
Amanda Stevenson*, University of Colorado, Boulder Department of Sociology

Fertility Transition in Low- and Middle-Income Countries
CHAIR: David Sanchez Paez, Université catholique de Louvain
DISCUSSANT: Joshua Wilde, Max Planck Institute for Demographic Research
4:00 PM-5:15 PM — Open Water

Argentina’s Fertility Regime, 1980–2010: The End of the First Demographic Transition or an Emergent Second One?
Yasmin Merethehkan*, University of Pennsylvania

Historical Transitions in Contraceptive Use and Fertility: The Distinctive Experience of Sub-Saharan Africa
Aisha Dasgupta*, United Nations Population Division; Mark Wheldon, United Nations Population Division; Vladimira Kantorova, United Nations; Philipp Ueffing, United Nations Population Division

Changes in Age at Last Birth Over the Course of Contemporary Fertility Declines
169-4 Examining Trends and Disparities in Adolescent Childbearing Over Time in Ouagadougou Partnership Countries
Elizabeth Tobey*, Population Council; Michelle Hindin, The Population Council

170 Sexual and Gender Minorities
CHAIR: Michael Garcia, University of Texas at Austin
DISCUSSANT: Russell Spiker, Vanderbilt University
4:00 PM-5:15 PM — Open Water

170-1 Marriage Equality or Socioeconomic Inequality? Couple-Level Socioeconomic Predictors of Same-Sex Marriage in Canada, 2006–2016
Chih-Ian Winnie Yang*, McGill University

170-2 Life Satisfaction in Midlife: How Does It Vary by Sexual Orientation?
Wenhua Lai*, Michigan State University; Ning Hsieh, Michigan State University; Hui Liu, Michigan State University

170-3 Same-Sex Marriage at an All-Time High: Consequence of Politics at an All-Time Low in Brazil?
Fernanda Fortes De Lena*, University of Campinas; Samuel Silva, Cedeplar UFMG; Luísa Cardoso, UFMG

170-4 Mothers’ Sexual Identity and Children’s Health
Stefanie Mollborn*, University of Colorado Boulder; Aubrey Limburg; Bethany Everett, University of Utah

171 Biosocial Approaches to Population Health
CHAIR: Daniel Adkins, University of Utah
DISCUSSANT: Melinda Mills, Leverhulme Centre for Demographic Science, University of Oxford
4:00 PM-5:15 PM — Open Water

171-1 Childhood Stressful Events, Age and First Birth, and Health Among Women at Older Age
Xuejie Ding*, University of Oxford; David Brazel, University of Oxford; Melinda Mills, University of Oxford

171-2 Exploring Rural-Urban Differences in Polygenic Associations for Health Among Older Adults in the United States
Trent Davidson*, University of Colorado Boulder; Jason Boardman, University of Colorado; Lori Hunter, University of Colorado Boulder

171-3 Religious Context and Genetic Influences on Adolescent Drinking
Joseph Clark*, University of Wisconsin-Madison; Jason Fletcher, University of Wisconsin-Madison; Qiongshi Lu, University of Wisconsin-Madison

171-4 Heteroscedastic Regression Modeling Elucidates Gene-by-Environment Interaction
Benjamin Domingue*, Stanford Graduate School of Education; Klint Kanopka, Stanford University; Travis Mallard, University of Texas at Austin; Sam Trejo, University of Wisconsin; Elliot Tucker-Drob, University of Texas at Austin

172 Social Policy and Population Health
CHAIR: Tia Palermo, University at Buffalo
DISCUSSANT: Megan Reynolds, University of Utah
4:00 PM-5:15 PM — Open Water

172-1 Unemployment Insurance and Opioid Overdose Mortality in the United States
PINGHUI WU*; Michael Evangelist, University of Michigan

172-2 Impact of Tuition-Free Secondary Education Policy on Child Marriage and Early Childbearing: A Quasi-Experimental Study
Pragya Bhuwania*, University of California, Los Angeles; Kate Huh, World Policy Analysis Center; Jody Heymann, University of California, Los Angeles

172-3 U.S. State Policy Contexts and Physical Health Among Midlife Adults
Blakelee Kemp*, University of Nebraska–Lincoln; Jake Grumbach, University of Washington; Jennifer Karas Montez, Syracuse University

172-4 Psychiatric Consequences of a Swedish Fathers’ Leave Policy by Nativity: A Quasi-Experimental Study
Helena Honkanen*; Stockholm University; Mikael Rostila, Stockholm University; Srinivasa Vittal Katikireddi, University of Glasgow; Sol Pia Juárez, Stockholm University
173  Contributions of Migrants to Sending and Receiving Societies

CHAIR: Mao-Mei Liu, University of California, Berkeley
DISCUSSANT: Filiz Garip, Cornell University
DISCUSSANT: Gabriela Sanchez-Soto, Rice University

4:00 PM-5:15 PM — Open Water

173-1 Impact of Remittances on Expenditure Pattern in Households: Budget Share Analysis of Migrant-Sending Households in Kerala
Anu Abraham*, IIT Madras

173-2 Men’s Migration, Marital Trajectories, and Women’s Subjective Well-being in Rural Mozambique
Victor Agadjanian*, University of California Los Angeles; Sophia Chae, University of Montreal

173-3 Immigrant Labor and the Institutionalization of the U.S.-born Elderly
Tara Watson*, Williams College; Kristin Butcher, Wellesley College; Kelsey Moran, MIT

173-4 Foreign-Language Curricula and the Influence of Immigrant-Origin Groups
Christina Diaz*, University of Arizona

174  Drivers of Internal Migration

CHAIR: Michel Tenikue, Luxembourg Institute of Socio-Economic Research (LISER)
DISCUSSANT: Etienne Bacher, Luxembourg Institute of Socio-Economic Research (LISER)

4:00 PM-5:15 PM — Open Water

174-1 Cash Transfers and the Geographic Mobility of the Rural Poor in Mali
Melissa Hidrobo*, IFPRI; Valerie Mueller, Arizona State University; Shalini Roy, IFPRI

174-2 Do Social Pensions Influence Migration? Evidence From Mexico’s “Pensión para Adultos Mayores” Program
Ana Canedo*, University of Texas at Austin

174-3 Is Migration a Learned Behavior?
Aude Bernard*, Francisco Perales, The University of Queensland

174-4 The Valuation of Local Government Spending: Gravity Approach and Aggregate Implications
Wookun Kim*, Southern Methodist University

175  Excess Mortality Due to COVID-19 in International Comparison

CHAIR: Stéphane Helleringer, Johns Hopkins University
DISCUSSANT: Jenny Garcia, Institut National d’Études Démographiques (INED)

4:00 PM-5:15 PM — Open Water

175-1 Estimating Excess Deaths in South Africa During the COVID-19 Pandemic
Rob Dorrington*, University of Cape Town; Thomas Moultrie, University of Cape Town; Debbie Bradshaw, South African Medical Research Council; Pamela Groenewald, South African Medical Research Council; Ria Laubscher, South African Medical Research Council

Victor García-Guerrero*, El Colegio de Mexico; Hiram Beltrán-Sánchez, University of California, Los Angeles

175-3 COVID-19 Mortality in Latin America: An Analysis of Available Data
Helena Cruz Castanheira*, UN/ECLAC/CEDLA-Population Division; José Henrique Monteiro da Silva, Economic Commission for Latin America and the Caribbean

175-4 Estimated Impact of the COVID-19 Economic Recession on Under-5 Mortality Rates for 129 Countries
Marcelo Cardona*, David Bishai, Johns Hopkins Bloomberg School of Public Health; Joseph Millward, Johns Hopkins Center for Communication Programs; Alison Gemmill, Johns Hopkins Bloomberg School of Public Health; Katelyn Jison Yoo, World Bank

176  Policing, Detention, and Criminal Justice

CHAIR: Ashley Muchow, University of Illinois at Chicago
DISCUSSANT: Peter Hepburn, Princeton University
4:00 PM-5:15 PM — Open Water

176-1 Effect of Stop-and-Frisk on Educational Outcomes of Undocumented Youth
Amy Hsin*, Queens College, City University of New York; Joscha Legewie, Harvard University; Linna Marten, Uppsala University; Niklas Harder, DeZim Institute

176-2 Gentrification and Police Violence: How Neighborhood Change Affects Patterns of Use of Force by Police
Christopher Robertson*, University of Minnesota-Twin Cities

176-3 Policing Disability: School Discipline, Law Enforcement Contact, and Racial Inequality Among Urban Teens
Amanda Geller*, New York University (NYU); Kristin Turney, University of California, Irvine; Sarah Remes, DC Action for Children

176-4 Relational Dynamics of Influence and Selection on Police Misconduct
Linda Zhao*, Harvard University

177 Innovative Approaches in Residential Segregation and Mobility

CHAIR: Matthew Hall, Cornell University
DISCUSSANT: Elizabeth Roberto, Rice University
DISCUSSANT: Jacob Faber, New York University (NYU)

4:00 PM-5:15 PM — Open Water

177-1 The Spatial Dimension of Social Networks: Peer Influence in Residential Choice
Laura Fürsich*

177-2 Kinship Effects on Couples’ Residential Choices: Asymmetries by Gender and Ancestry
Benjamin Jarvis*, Linköping University

177-3 Childhood Neighborhoods and Health in Adulthood: A Life Course and Nearest Neighbor Approach for Sweden, 1939–2015
Finn Hedefalk*, Lund University; Ingrid van Dijk, Lund University; Martin Dribe, Lund University

177-4 Is Residential Segregation Always Spatial Separation? Home Fortification in Mixed-Income Neighborhoods Across the United States
Mahesh Somashekhar*, University of Illinois at Chicago; Christian Hess, Cornell University; Ian Kennedy, University of Washington; Kyle Crowder, University of Washington

178 Trends in and Causes of Rising Working-Age Mortality Rates in the United States: Findings From the NASEM Consensus Study on Rising Working-Age Mortality Rates and Socioeconomic Disparities

CHAIR: Shannon Monnat, Syracuse University
DISCUSSANT: Kathleen Harris, Add Health - Carolina Population Center

4:00 PM-5:15 PM — Open Water

178-1 Trends and Differentials in Working-Age Mortality in the U.S., 1990-2017
Shannon Monnant*, Syracuse University

178-2 The Role of Opioids, other Drugs, and Alcohol in Shaping Mortality Trends
Darrell Gaskin*, Johns Hopkins University

178-3 Role of Suicides in Shaping Mortality Trends
Irm Elo*, University of Pennsylvania

178-4 The Role of Cardiometabolic Diseases in Shaping Mortality Trends
Kathleen Mullan Harris*, Add Health - Carolina Population Center

178-5 The Role of Public and Private Sector Policies in Shaping Mortality Trends
Steven Woolf*, Virginia Commonwealth University
FRIDAY, MAY 7

179  Genetics and Aging

CHAIR: Jason Boardman, University of Colorado
DISCUSSANT: David Rehkopf, Stanford University

9:15 AM-10:30 AM — Open Water

179-1  The Role of Genetic Endowments and Early-Life Resources in Explaining the Relationship Between Education and Cognitive Functioning in Later Life
Pamela . Herd*, Georgetown University; Kamil Sicinski, UW-Madison

179-2  The Impact of Late-Career Job Loss and Genotype on Changes in Body Mass Index
Lauren Schmitz*, University of Wisconsin–Madison; Julia Goodwin, University of Wisconsin-Madison; Jiacheng Miao, University of Wisconsin-Madison; Qiongshi Lu, University of Wisconsin-Madison; Dalton Conley, Princeton University

179-3  Are Immigrants Positively Selected on Genetic Predisposition to Better Health? Evidence From the Health and Retirement Study
Zoya Gubernskaya*, University at Albany, SUNY; Dalton Conley, Princeton University

179-4  How Multiple Interactions Between Genetic and Nongenetic Factors Influence Multifactorial Health Disorders: Insights From Studying Alzheimer’s Disease
Anatoliy Yashin*, Duke University; Deqing Wu, Duke University; Konstantin Arbeev, Duke University; Hongzhe Duan, Duke University; Olivia Bagley, Duke University; Igor Akushevich, Duke University; Arseniy Yashkin, Duke University; Svetlana Ukraintseva, Duke University

180  Impact of Caregiving on Families and Youth

CHAIR: Sung Park, Harvard
DISCUSSANT: Anna Hammersmith, Grand Valley State University

9:15 AM-10:30 AM — Open Water

180-1  “If It Needs to Be Done, It Needs to Be Done”: Youth Experiences and Perspectives on Caregiving
Minakshi Raj*, Sara Feldman, University of Michigan; Jody Platt, University of Michigan; Tammy Chang, University of Michigan

180-2  Parental Disability and Teenagers’ Time Allocation
Sabrina Pabilonia*, U.S. Bureau of Labor Statistics; Charlene Kalenkoski, Texas Tech University

180-3  The Differential Effects of Entering and Exiting Coresidence With Grandchildren on Older Adults’ Labor Force Outcomes: Does Gender Matter?
Haoshu Duan*, University of Maryland; Jing Ye, University of Maryland

180-4  The Effects of Multigenerational Residence on Children’s Mental Health
Qi Li*, The Ohio State University

181  Residential Context and COVID-19

CHAIR: Yana Kucheva, City College of New York
DISCUSSANT: Kate Choi, University of Western Ontario

9:15 AM-10:30 AM — Open Water

181-1  Residential Racial Segregation and Social Distancing in the United States During COVID-19
Alexandre White*, Lingxin Hao, Johns Hopkins University; Xiao Yu, Johns Hopkins University; Roland Thorpe, Johns Hopkins University Bloomberg School of Public Health

181-2  Overcrowding and COVID-19 Deaths Across U.S. Counties: Are Disparities Growing Over Time?
Christina Kamis*, Duke University; Allison Stolte, Duke University; Jessica West, Duke University; Samuel Fishman, Duke University; Taylor Brown, Duke University; Heather Farmer, Tyson Brown, Duke University

Yung Chun*, Washington University in St. Louis; Stephen Roll, Washington University in St. Louis; Selina Miller, Washington University in St. Louis; Hedwig Lee, Washington University in St. Louis; Savannah Larimore; Michal Grinstein-Weiss, Washington University in St. Louis
182  Mathematical Demography

CHAIR: Vanessa Gabrielle di Lego Goncalves, Vienna Institute of Demography
DISCUSSANT: Evelyn Patterson, Vanderbilt University

9:15 AM-10:30 AM — Open Water

182-1  How Lifespan and Life Years Lost Equate to Unity
Annette Baudisch*, University of Southern Denmark; José Manuel Aburto, University of Southern Denmark

182-2  The Components of Change in Population Growth Rates
Vladimir Canudas-Romo*, Australian National University; Tianyu Shen, Collin Payne, Australian National University

182-3  Measuring the Concentration of Urban Population in Clark’s Exponential Model Using the Lorenz Curve, Gini Coefficient, and Hoover Index
Joel Cohen*, Rockefeller and Columbia Universities

182-4  Estimating the Average Age of Infant Deaths: A Flexible Model Life Table, Based on Newly Collected Data
Julio Romero Prieto*, London School of Hygiene & Tropical Medicine; Andrea Verhulst, University of Pennsylvania; Michel Guillot, University of Pennsylvania and INED

183  Historical Studies of Inequality

CHAIR: Emily Rauscher, Brown University
DISCUSSANT: Peter Catron, University of Washington

9:15 AM-10:30 AM — Open Water

183-1  The Convergence of Local Labor Market Inequality in the Long Run
Tom VanHeuvelen*, University of Minnesota

183-2  IGENS 20 Europeans: Immigrant Intergenerational Mobility in the United States, 1940–2017
Kendal Lowrey*, The Pennsylvania State University; Jennifer Van Hook, Pennsylvania State University; James Bachmeier, Temple University

183-3  The Demographic Determinants of Household Inequality: Evidence From Canadian Administrative Data
Michael Haan*, University of Western Ontario; Miguel Cardoso, Brock University

Gabriel Brea-Martinez*, Lund University; Martin Dribe, Lund University; Maria Stanfors, Lund University

184  Flash: Advances in Education and Labor Force Research

CHAIR: Marianne Bitler, University of California, Davis

9:15 AM-10:30 AM — Open Water

184-1  Competition Between Public and Private Education: Evidence From the Great Recession
Jiwon Park*, University of Texas at Austin

184-2  Have Early-Career Racial Gaps Changed Across Two Cohorts of American Men?
Sai Luo*, University of Maryland, College Park

184-3  Understanding Low High School Completion Rates in a Developing Country: Experimental Evidence From Argentina
Carolina Lopez*, Brown university

184-4  A Big Fish in a Small Pond: Academic Undermatching and College Outcomes
Dafna Gelbgiser*, Tel Aviv University; Sigal Alon, Tel Aviv University

184-5  Peer Effects in College: How Peers’ Performance Can Influence Students’ Academic Outcomes
Laetitia De Souza*, Population Studies Center / University of Campinas (NEPO / UNICAMP); Cristine Pinto, EESP/FGV-SP; Bernardo Queiroz, CEDEPLAR; Dimitri Silva, EESP/FGV-SP

184-6  Teacher Turnover in Early Childhood Education: Longitudinal Evidence From the Universe of Publicly-Funded Programs in Louisiana
Laura Bellows*, University of Virginia; Daphna Bassok, University of Virginia; Anna Markowitz, University of California, Los Angeles

184-7  The Labor Market Return to Reversing High School Dropout
184-8 Do Enrollment Gains From Conditional Cash Transfers Sustain Disruption? Studying the Rollback of a Successful Conditional Cash Transfers: Evidence From Mexico
Fernanda Marquez-Padilla*, Susan Parker, University of Maryland; Tom Vogl, University of Texas at Austin

185 Cohabitation and Nonmarital Relationships
CHAIR: Jessica Su, University of North Carolina at Chapel Hill
DISCUSSANT: Sharon Sassler, Cornell University
DISCUSSANT: Jessica Su, University of North Carolina at Chapel Hill
9:15 AM-10:30 AM — Open Water

185-1 Relationship Quality and Family Formation in Europe: How Country Context Shapes (Un)happy Couples’ Transitions to Marriage and First Birth
Niels Blom*, Brienna Perelli-Harris, University of Southampton; Kenneth Wiik, Statistics Norway, research department

185-2 Rising Nonmarital Childbearing Among College-Educated Women: Evidence From Three National Studies
Andrew Cherlin*, Johns Hopkins University

185-3 Do Couples Face an Economic Bar to Marriage? Understanding the Contribution of Men’s and Women’s Economic Precariousness on First Cohabitation Outcomes in the United Kingdom, 1991–2018
Lydia Palumbo*, Max Planck Institute for Demographic Research; Ann Berrington, University of Southampton; Peter Eibich, Max Planck Institute for Demographic Research

186 Pregnancy During Adolescence
CHAIR: Ushma Upadhyay, University of California, San Francisco
DISCUSSANT: Goleen Samari, Columbia University
9:15 AM-10:30 AM — Open Water

186-1 Tanzanian Adolescents’ Attitudes Toward Abortion: Using Vignettes in Survey Research on Sensitive Topics
Anna Bolgrien*, University of Minnesota; Deborah Levison, University of Minnesota

186-2 Adverse Childhood Experiences, Adolescent Pregnancy, and Violence Exposure in Young Adulthood Among Female Youth in El Salvador and Honduras
Sarah Huber-Krum*, Centers for Disease Control and Prevention; Stephanie Miedema, Centers for Disease Control and Prevention; Joann Shortt, Centers for Disease Control and Prevention; Andres Villaveces, Centers for Disease Control and Prevention; Howard Kress, Centers for Disease Control and Prevention

186-3 Premarital Fertility in Liberia: Exploring Predictors of Early Sexual Debut and Pregnancy Among Adolescent Girls in Monrovia
Michelle Poulin*, World Bank; Natalia Cantet, Universidad EAFIT; Tricia Koroknay-Palicz, World Bank

186-4 Wives’ Relative Income and Teen Sex Risk Latent Classes: Evidence From a Developing Setting
Luis Alonso Quijano Ruiz*, Xiamen University; Marco Antonio Faytong Haro, The Pennsylvania State University

187 Fertility Intentions: Unique Risk Factors and Predictive Value
CHAIR: Ilene Speizer, UNC
DISCUSSANT: John Santelli, Columbia University
9:15 AM-10:30 AM — Open Water

187-1 Dynamics of Low-Income Women’s Fertility Intentions and Contraceptive Use in the Postpartum Period
Emma Carpenter*, University of Texas at Austin; Elizabeth Ela, University of Texas at Austin; Kari White, University of Texas at Austin

187-2 How Do Fertility Intentions Lead to Contraceptive Continuation Among a Cohort of Family Planning Users Who Received Services From the Private Sector in Nigeria?
Sara Chace Dwyer*, Sikiru Baruwa, Population Council; Emeka Okafor, Society for Family Health; Osasuyi Dirisu, Population Council; Jennifer Anyanti, Society for Family Health; Babajide Daini, Population Council; Osimhen Ubuane, Population Council; Aparna Jain, Population Council

187-3 Examining Changing Childbearing Expectations During the Post-Recessionary Period
Alison Gemmill*, Johns Hopkins Bloomberg School of Public Health; Caroline Hartnett, University of South Carolina

187-4 Adverse Childhood Experiences, Fertility Expectations, and Childbearing Over the Life Course
188  Health and Well-being in Sexual and Gender Minority (SGM) Populations

CHAIR: Carolyn Halpern, University of North Carolina at Chapel Hill
DISCUSSANT: Zhe Zhang, Rice University
9:15 AM-10:30 AM — Open Water

188-1  Residential Displacement From Parental Home: Exploring the Intersection of Sexual Minority Status and Race/Ethnicity on Thrown-Away and Runaway Youth
Beenna Han*, University at Albany, SUNY

188-2  Moving on up? Sexualities and Neighborhood Attainment
Andrew Levine*

188-3  Does the Intergenerational Educational Mobility of Sexual Minority Groups Differ Across Countries?
Diederik Boer*ten, Centre for Demographic Studies (CED); Léa Pessin, Pennsylvania State University; Francisco Perales Perez, University of Queensland

188-4  Spatial Patterns of Migration Among Men Who Have Sex With Men in the United States
Sean C. Reid*, University of California, Santa Barbara; Susan Cassels, University of California Santa Barbara

189  Historical Origins of Health Disparities

CHAIR: Ryan Gabriel, Brigham Young University
DISCUSSANT: Michael Esposito, University of Michigan
9:15 AM-10:30 AM — Open Water

189-1  Do U.S. Adults Spend More Time Alone Today Than in the Past? Evidence From the American Heritage Time Use Study
Daniela Negraia*, University of Oxford; Robert Rinderknecht; Sophie Lohmann, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research

189-2  Race Differences in School Attendance Across the Jim Crow South and Its Implications for Black-White Disparities in Cognitive Impairment Risk Among Older Adults
Katrina Walsemann*, University of South Carolina; Stephanie Urena, Florida State University; Mateo Farina, University of Southern California; Jennifer Allshire, University of Southern California

189-3  Redlining, Segregation, and Acute Myocardial Infarction Hospitalization in St. Louis, Missouri
Christopher Prener*, Saint Louis University

189-4  Race Differentials in Mortality in the United States, 1900–1940: Examining Linked Full-Count Census Data
Jonas Helgertz*, University of Minnesota/Lund University; John Warren, University of Minnesota; J. David Hacker, University of Minnesota; Elizabeth Wrigley-Field, University of Minnesota, Twin Cities

190  Barriers, Facilitators, and Comparative Perspectives on Immigrant Integration

CHAIR: Annie Ro, University of California Irvine
DISCUSSANT: Veena Kulkarni, Arkansas State University
9:15 AM-10:30 AM — Open Water

190-1  The Contours of Identification Choices Among First and Second-Generation African Migrants in France
Julia Behrman*, Northwestern University; Ewurama Okai, Northwestern University

190-2  Initial Host–Society/Migrant Relations: Implications for U.S. Refugee Integration
Thoa Khuu*, University of California, Irvine; Frank Bean, University of California-Irvine

190-3  Refugee Settlement and Social Integration: Evidence From Turkey
Thomas Gautier*, Boston University

190-4  Linguistic Barriers to Immigrant Labor Market and Cultural Integration in Italy
Daniela Ghio*, Joint Research Centre European Commission; Massimiliano Bratti, Università degli Studi di Milano; Simona Bignami, Université de Montréal

191  Internal Migration
Explaining the Decline in U.S. Internal Migration: The Role of Return Migration
Janna Johnson*, Humphrey School of Public Affairs; Samuel Schulhofer-Wohl, Federal Reserve Bank of Chicago

Putting Migration Decline in Context: The Geography of U.S. Internal Migration, 1850–2010
Lee Fiorio*, University of Washington

Rusty and Rooted: Estimating Duration of Residence in the U.S. Rust Belt Before, During, and After the Great Recession
Christopher Levesque*, University of Minnesota; Jack DeWaard, University of Minnesota, Twin Cities

The Impact of State Borders on Mobility and Regional Labor Market Adjustments
Riley Wilson*, Brigham Young University

Environmental and Climate Influences on Morbidity and Mortality

The Intergenerational Consequences of Climate Change on Mid- to Late-Life Mortality: Evidence From Individual-Level U.S. Death Records
Nathan Seltzer*, University of Wisconsin–Madison

Lifetime Geographic Mobility and Seasonal Mortality in U.S. Deaths, 1988–2005
Leslie Root*, University of California, Berkeley

Did Dust Bowl Exposure Hasten Later Life Mortality? An Analysis of Human Longevity on a Young Adult Male Sample Using CenSoc Linked Data
Serge Atherwood*, University of Texas at San Antonio

Population Change Meets Climate Change: Projecting the Future Health(Care) Burden From Heat Waves in the Metropolitan Area of Vienna, Austria
Leora Courtney-Wolfman*, Roman Hoffmann, Raya Muttarak, Vienna Institute of Demography; Anna-Theresa Renner, Erich Striessnig, Wittgenstein Centre (IIASA, VID/OAW, Univ. Vienna)

Discrimination and Racial/Ethnic Health Disparities (Including Bio-Social Pathways)

Intersectional Self-assessed Health Disparities, 2001–2018
Zachary Franzoni*, University of Utah

Racial Disparities in Spatial and Temporal Adolescent Suicides Clusters
Jonathan Platt*, Columbia University; John Pamplin, New York University; Katherine Keyes, Columbia University

Moving on Up? Neighborhood Affluence, Interpersonal Racism, and Psychobiological Distress Among Black Americans
Reed DeAngelis*, University of North Carolina-Chapel Hill and Carolina Population Center

Black Men's Mental Health: Healing From Complex Trauma and Toxic Environments
Kevin Roy*, University of Maryland, College Park; Craig Fryer, University of Maryland College Park; Joseph Richardson, University of Maryland College Park

Fertility Responses to Environmental Shocks

CHAIR: Michel Tenikue, Luxembourg Institute of Socio-Economic Research (LISER)
DISCUSSANT: Joël Machado, Luxembourg Institute of Socio-Economic Research (LISER)

CHAIR: Elizabeth Fussell, Brown University
DISCUSSANT: Jenna Nobles, University of Wisconsin–Madison

CHAIR: Christy Erving, Vanderbilt University
DISCUSSANT: Bridget Goosby, University of Texas at Austin

CHAIR: Roland Pongou, University of Ottawa
DISCUSSANT: Alice Goisis, University College London
DISCUSSANT: Elena Ambrosetti, Sapienza University of Rome
194-1  How Does Seasonal Food Insecurity Impact Fertility? A Multicountry Spatial Analysis of Contraceptive Use and Pregnancies  
Nina Brooks*, Stanford University; Kathryn Grace, University of Minnesota, Twin Cities; Devon Kristiansen, University of Minnesota; Shraddhanand Shukla, University of California, Santa Barbara; Molly Brown, University of Maryland

194-2  How Close Is Too Close? Residential Proximity to Zika Case Locations and Fertility Decline in Singapore  
Poh Lin Tan*, National University of Singapore; Tikki Pang, National University of Singapore

194-3  The Impact of Minimum Temperature on Human Fertility  
Hyunwook Park*, Cornell University

194-4  Rebuilding Families After the Boxing Day Tsunami: Trauma Exposure, Fertility Expectations, and Fertility Outcomes  
Bethany Stoutamire*, University of North Carolina, Chapel Hill; Elizabeth Frankenberg, University of North Carolina at Chapel Hill; Duncan Thomas, Duke University; Cecep Sumantri, SurveyMETER

195  Funding for Population Research  
CHAIR: Christine Bachrach, University of Maryland

195-1  Panelist  
Joe Whitmeyer*, National Science Foundation

195-2  Panelist  
Melanie Hughes*, National Science Foundation

195-3  Panelist  
Rebecca Clark*, Eunice Kennedy Shriver National Institute of Child Health and Human Development

195-4  Panelist  
Nancy Jones*, National Institute on Minority Health and Health Disparities

195-5  Panelist  
John Phillips*, National Institute on Aging

P6  Fertility, Family Planning, Sexual Behavior, and Reproductive Health; and Religion and Culture

9:30 AM-11:00 AM — Open Water Poster Gallery

P6-1  Demography of Conflict and Violence: Death and Structural Violence in the Mexican War on Drugs  
Uriel Lomeli-Carrillo*, University of Texas at San Antonio

P6-2  Collecting and Analyzing Micro Data About the Amish, a Rapidly Growing Ethno-Religious North American Population  
Cory Anderson*; Samson Wasao, Independent Scholar

P6-3  Early Marriage and Son Preference in Pakistan  
Rashid Javed*, ESC Pau Business School; Mazhar Mazhar Mughal, Pau Business School, France

P6-4  Is Absence of Consent Another Form of Forced Marriage? Evidence From India Human Development Survey-II  
Shekhar Chauhan*, International Institute for Population Sciences; Sumit Kumar, Jawaharlal Nehru University; Ratna Patel, International Institute for Population Sciences

P6-5  The Culture of Kerala Migration: A Theoretical and Empirical Analysis  
Sulaiman K M*, International Institute for Population Sciences; Ram B Bhagat

P6-6  Has Ever Use for Contraception Increased Over Time? Measurement and Implications for Family Planning Programs  
Kristin Bietsch*, Avenir Health; Emily Sonneveldt, Avenir Health; Joseph Brown, Bill and Melinda Gates Foundation
P6-7 Does Pregnancy Wantedness Influence Use of Health Services for Mothers and Children?
Cassandra Cotton*, Arizona State University

P6-8 Abortion Attitudes: Variation Across Gender and Parenthood
Karen Guzzo*, Bowling Green State University; Amira Allen, Bowling Green State University

P6-9 Evolving Fertility Goals and Behaviors in Current Childbearing Cohorts
Karen Guzzo*, Bowling Green State University; Sarah Hayford, The Ohio State University

P6-10 Linking Fertility Preferences and Unintended Birth Outcomes to Fertility Stalls in Sub-Saharan Africa
David Sanchez Paz*, Université catholique de Louvain; Bruno Schoumaker, Université Catholique de Louvain

P6-11 Condom Use and HIV/AIDS Among Youth in Edo State, Nigeria
Eric Tenkorang*, Memorial University

P6-12 An Estimation of Fertility by Contraceptive Choice of Indian Couple
Prabhakara Narasandra*

P6-13 Who Attends a Crisis Pregnancy Center in Ohio?
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Understanding the Providers Preference and Practices for Family Planning Service Among Newly Married Women of North India
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Yemi Adewoyin*, University of Nigeria; Clifford Odimegwu, University of Witwatersrand

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Philipp Ueffing*, United Nations Population Division; Vladimira Kantorova, United Nations; Mark Wheldon, United Nations Population Division; Aisha Dasgupta, United Nations Population Division; Joseph Molitoris, Lund University

Pregnancy Coercion, Correlates, and Associated Modern Contraceptive Use Within a Nationally Representative Sample of Ethiopian Women
Shannon Wood*, Johns Hopkins Bloomberg School of Public Health; Jessica Dozier, Johns Hopkins Bloomberg School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Selamawit Desta, Johns Hopkins Bloomberg School of Public Health; Michele Decker; Solomon Shiferaw, School of Public Health, Addis Ababa University; Assefa Seme Deresse, Addis Ababa University; Mahari Gidey; Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health

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DISCUSSANT: Kamila Kolpashnikova, Oxford
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Jocelyn Wikle*, Brigham Young University; Alex Jensen, Brigham Young University

196-2 Siblings of Youth With Disabilities in Sub-Saharan Africa: Prevalence and Education Outcomes
Anna Bolgrien*, University of Minnesota

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Emily Rauscher*, Brown University; Ailish Burns, Brown University

197-2 Countries Embracing Maternal Employment Have Opened Schools Sooner After COVID-19 Lockdowns
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Santanu Pramanik*, National Council of Applied Economic Research; Reem Ashraf; Bijay Chouhan, National Council of Applied Economic Research; Sonalde Desai, University of Maryland

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Hunter Wapman*, University of Colorado; Elizabeth Bruch, University of Michigan; Daniel Larremore, University of Colorado

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Stefano Mazzuco*, Universita di Padova; Lucia Zanotto

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Matheus Menezes dos Santos*, Cedeplar/UFMG

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DISCUSSANT: David Lam, University of Michigan

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Khoa Vu*, Maria Lo Bue, United Nations University-World Institute for Development Economics Research

Does Vocational Secondary Education Still Pay? Comparative Analysis of Education Returns, Job Formality, and Access to Job Skills Among Young People in Egypt
Rania Roushdy*, The American University in Cairo

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Jacob Penglase*, San Diego State University; Lauren Hoehn-Velasco

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DISCUSSANT: Timothy Smeeding, University of Wisconsin-Madison
DISCUSSANT: Rachel Shattuck, U.S. Census Bureau

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Benjamin Rosche*, Cornell University; Kelly Musick, Cornell University

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Hope Harvey*, Cornell University

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Revathy Suryanarayana*

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DISCUSSANT: Rhiannon Miller, Johns Hopkins University

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Barbara Okun*; Liat Raz-Yurovich, The Hebrew University of Jerusalem

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Maggie Thorsen*, Montana State University; Sean Harris, Montana State University; Ronald McGarvey, University of Missouri; Janelle Palacios, Kaiser Permanente Northern California- Oakland; Andreas Thorsen, Montana State University

205 Sexual Behaviors and Health
CHAIR: Lawrence Stacey, The Ohio State University
DISCUSSANT: Brooke West, Columbia University
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Ralph Catalano*, UC Berkeley; Sidra Goldman-Mellor, University of California, Merced; Tim-Allen Bruckner, University of California, Irvine; Terry Hartig, University of Upsala

205-2 Sexual Debut and Substance Use: Evidence From a Study on University Students
Fausta Ongaro*, University of Padova; Valentina Tocchioni, University of Florence

205-3 The Stress of Structural Barriers to Care: Difficulty Accessing Desired Contraception and Psychological Distress
Layne Amerikaner*, University of Maryland

205-4 PrEP Disclosure Decision-making and Experiences Among Gay or Bisexual Men in Guatemala City
Sophia Bartels*, University of North Carolina at Chapel Hill; Ingrid Castillo, CAS Guatemala – Colectivo Amigos Contra el SIDA; Lisa Hightow-Weidman, UNC School of Medicine; Kate Muessig, University of North Carolina at Chapel Hill; Dirk Davis, University of North Carolina at Chapel Hill; Cesar Galindo, CAS Guatemala – Colectivo Amigos Contra el SIDA; Clare Barrington, University of North Carolina at Chapel Hill

206 Intersectionality and Population Health
CHAIR: Guadalupe Marquez-Velarde, Utah State University
DISCUSSANT: Gabe Miller, Mississippi State University
10:45 AM-12:00 PM — Open Water

206-1 Race/Ethnicity, Sexual Orientation, and Perceived Stress Among Adults in the United States: An Intersectional Approach
Stephanie Hernandez*, University of North Carolina at Chapel Hill; Carolyn Halpern, University of North Carolina at Chapel Hill; Robert Hummer, Carolina Population Center

206-2 Intersections of Race, Gender, and Sexual Identity Attributions Toward Discrimination and Mental Health Across Three Generations of LGB Adults
Allen Mallory*, University of Texas Austin; Stephen Russell, University of Texas Austin; Ilan Meyer, University of California-Los Angeles

206-3 Psychological Distress at the Intersections of Sexual Orientation and Socioeconomic Status
Russell Spiker*, Vanderbilt University; Lawrence Stacey, The Ohio State University; Rin Reczek, The Ohio State University

206-4 Intersectional Immunity? Examining How Race/Ethnicity and Sexual Orientation Combine to Shape Influenza Vaccination Among U.S. Adults
Kiana Wilkins*

207 Flash: New Research in Historical Demography
CHAIR: Jonas Helgertz, University of Minnesota/Lund University
10:45 AM-12:00 PM — Open Water

207-1 In the Name of the Father: Fertility, Religion, and Child Naming During the Demographic Transition
Dylan Connor*, Arizona State University

207-2 From the Black Death to the End of the Modern Period: When Did the Little Divergence in Europe Begin?
Alfonso Carballo*, Bocconi University

207-3 Class or Place? An Analysis of Under-5 Mortality in London at the Beginning of the Twentieth Century
Sarah Rafferty*

207-4 Urban Patrilineal Kin Propinquity in the United States, 1880
207-5 Revising the Canonical View of Urban/Rural Mortality Convergence in the United States, 1900–1936
James Feigenbaum*, Boston University; Lauren Hoehn-Velasco; Elizabeth Wrigley-Field, University of Minnesota, Twin Cities

207-6 My Brother Moses: A Sibling Analysis of Longevity and African American Names
Joshua Goldstein*, University of California, Berkeley; Guy Stecklov, University of British Columbia; Casey Breen, University of California, Berkeley

207-7 Height and Marital Outcomes in the Netherlands, Birth Years 1841–1900: A Sibling Design Study Using Cure Models
Kristina Thompson*, Xander Koolman, Vrije Universiteit Amsterdam; France Portrait, Vrije Universiteit Amsterdam

207-8 Identifying and Correcting Bias in Big Crowd-Sourced Online Genealogies
Michael Chong*, University of Toronto; Diego Alburque-Gutierrez, Max Planck Institute for Demographic Research; Emanuele Del Fava, Max Planck Institute for Demographic Research; Monica Alexander, University of Toronto; Emilio Zagheni, Max Planck Institute for Demographic Research

208 Consequences of Internal Migration
CHAIR: Roland Pongou, University of Ottawa
DISCUSSANT: Mathias Kuepie, UNFPA
10:45 AM-12:00 PM — Open Water

208-1 Labor Market Formalization and Migrant Wage Penalty in Urban China
Yiyue Huangfu*, University of Wisconsin–Madison

208-2 Are the Kids Alright? The Impact of Parental Migration on Education of Left-Behind Children and Adolescents: Evidence From Vietnam
Arnstein Aassve*, Bocconi University; Veronica Toffolutti, Università Commerciale Luigi Bocconi; Ian Coxhead, University of Wisconsin; Nguyen Vuong

208-3 Internal Brain Drain and Urban Decline in Spanish Depopulated Regions
Miguel González-Leonardo*, Antonio Lopez-Gay, Centre d’Estudis Demogràfics

209 Adult Mortality in Low- and Middle-Income Countries
CHAIR: Nikkil Sudharsanan, Heidelberg Institute of Global Health
DISCUSSANT: Nikkil Sudharsanan, Heidelberg Institute of Global Health
10:45 AM-12:00 PM — Open Water

209-1 Changing Adult Mortality in India: Converging or Diverging
Moradhvaj Moradhvaj*, Jawaharlal Nehru University; Nandita Saikia, Jawaharlal Nehru University

209-2 Tracking Mortality Changes From Health Facility Data in Sub-Saharan Africa: How Do Hospital Deaths Differ From Home Deaths in Antananarivo (Madagascar)?
Bruno Lankoande*, Bruno Masqueller, Centre for Demographic Research, Université catholique de Louvain; Geraldine Duthe, INED; Anjarasoa Rasoanomenjanahary, Bureau Municipal d’Hygiène de la Commune Urbaine d’Antananarivo, Madagascar

209-3 HIV and Healthy Longevity Among Older South African Adults
Collin Payne*, Australian National University; Brian Houle, The Australian National University; Chido Chinogurei, University of Witwatersrand; Carlos Riumallo Herl, Erasmus University; Chodźwodziwa Kabudula, University of the Witwatersrand; Jennifer Manne-Goehler, Massachusetts General Hospital

Brian Houle*, The Australian National University; Chodźwodziwa Kabudula, University of the Witwatersrand; Xavier Gomez-Olive, University of Witwatersrand; Andrea Tilstra, University of Colorado Boulder; Sanyu Mojola, Princeton University; Enid Schatz, University of Missouri, Columbia; Samuel Clark, The Ohio State University; Nicole Angotti, American University; Jane Menken, University of Colorado, Boulder

210 Socioeconomic Status, Families, and Health
CHAIR: Dustin Brown, Mississippi State University
DISCUSSANT: Connor Sheehan, Arizona State University
10:45 AM-12:00 PM — Open Water

210-1 Retrospective Reports of Socioeconomic Disadvantage in Childhood and Mortality Risk: Are Associations Consistent Across Measures and Sex?
210-2 The Interaction of Early Life Health, Genetics, and Occupational Demands in SSDI Determinations
Aman Harrati*, Stanford University; Lauren Schmitz, University of Wisconsin–Madison

210-3 Socioeconomic Status in Midlife and Later-Life Cognitive Function
Angela Forgues*, University of Wisconsin Madison

210-4 Crossover Effects of Education on Health Within Married Couples
Andrew Halpern-Manners*, Indiana University; Elaine Hernandez, Indiana University; Tabitha Wilbur, Indiana University

211 Environment and Social Inequality

CHAIR: Anjum Hajat, University of Washington
DISCUSSANT: Elizabeth Fussell, Brown University
10:45 AM-12:00 PM — Open Water

211-1 The Regressive Costs of Drinking Water Contaminant Avoidance
Kelly Hyde*, University of Pittsburgh

Michael McFarland*, Florida State University; Mathew Hauer, Florida State University; Katrinell Davis, Florida State University

211-3 Environmental Inequality and Residential Sorting in Germany: A Spatial Time-Series Analysis Identifying the Demographical Consequences of Industrial Sites
Tobias Rüttenauer*, University of Oxford; Henning Best, TU Kaiserslautern

211-4 Weathering Changes: Climate Shocks and Migration by Disadvantaged Social Groups in Rural India
Dhiman Das*, Maryland Population Research Center

212 Unequal City: Showcasing Research on Race/Ethnicity, Space, and Inequality in St. Louis

CHAIR: Ariela Schachter, Washington University in St. Louis
10:45 AM-12:00 PM — Open Water

212-1 Long-Term Dynamics of Neighborhoods and Crime: The Role of Education Over 40 Years
Adam Boessen*, University of Missouri-St. Louis

212-2 Immigrant Communities in St. Louis
Ness Sandoval*, St. Louis University

212-3 Metropolitan Segregation, Race, and Criminalization in St. Louis
Odis Johnson*, Washington University in St. Louis

212-4 Housing Justice in St. Louis: The Importance of Inside/Outside Strategy
Molly Metzger*, Washington University in St. Louis

212-5 Data Seams: Tracking Local COVID-19 Trends and Disparities
Chris Penner*, St. Louis University

213 What Has the U.S. Statistical System Learned From the COVID-19 Pandemic?

CHAIR: Katherine Wallman, Office of Management and Budget (retired)
10:45 AM-12:00 PM — Open Water

213-1 Panelist
William Beach*, Bureau of Labor Statistics

213-2 Panelist
Victoria Velkoff*, U.S. Census Bureau

213-3 Panelist
Brian Moyer*, National Center for Health Statistics
## 213-4 Panelist
*James "Lynn" Woodworth*, National Center for Health Statistics

## 214 Inequality in the Transition to Adulthood

**CHAIR:** Jessica Hardie, Hunter College, CUNY

**DISCUSSANT:** Youngmin Yi, University of Massachusetts Amherst

### 214-1 The Influence of Early-Life Dis/Advantage and Socioeconomic Mobility on Early- to Midlife Depressive Symptom Trajectories Among African American Women and Men

Alexis Dennis*, University of North Carolina at Chapel Hill; Taylor Hargrove, University of North Carolina at Chapel Hill; Sadie Emch, University of North Carolina at Chapel Hill; Robert Hummer, Carolina Population Center

### 214-2 The Long-Term Consequences of Chronic Conditions in Childhood: Using Relative Distributions to Investigate Differences in Earnings and Health in Young Adulthood

Emmanuelle Arpin*, University of Toronto; Arjumand Siddiqi, University of Toronto; Claire de Oliveira, University of York; Audrey Laporte, University of Toronto

### 214-3 Navigating Opportunity? A Randomized Controlled Trial of Placing College Navigators in Public Housing

Rebecca Johnson*; Michael DiDomenico, GSA Office of Evaluation Sciences; Rekha Balu, GSA Office of Evaluation Sciences; Mary Clair Turner, GSA Office of Evaluation Sciences

### 214-4 Educational Attainment by Childhood Family Income: Evidence From Linked American Community Survey and IRS Data

Leah Clark*, U.S. Census Bureau; Nikolas Pharris-Ciurej; Jennifer Ortman, U.S. Census Bureau; John Voorheis, United States Census Bureau

## 215 COVID-19 and Mental Health

**CHAIR:** Yang Zhang, University of Michigan

**DISCUSSANT:** Anna Zajacova, Western University

### 215-1 Stress and COVID-19 Experiences Among Sexual Minority and Heterosexual Couples

Wendy Manning*, Bowling Green State University; Claire Kamp Dush, The Ohio State University

### 215-2 Motherhood and Stress During COVID-19: Exploring the Moderating Effects of Employment

Xu Yan*; Liana Sayer, University of Maryland; Long Doan, R. Gordon Rinderknecht, Max Planck Institute for Demographic Research; Kelsey Drotning, University of Maryland, College Park; Jessica N. Fish, University of Maryland, College Park; Clayton Buck, University of Maryland, College Park

### 215-3 Stigma, Perceived Discrimination, and Mental Health During China’s COVID-19 Outbreak: A Mixed-Methods Investigation

Wen Fan*, Boston College; Yue Qian, University of British Columbia; Yongai Jin, Renmin University of China

### 215-4 The COVID-19 Pandemic and Mental Health of College Students

Jane Fruehwirth*, University of North Carolina at Chapel Hill; Siddartha Biswas, University of North Carolina at Chapel Hill; David Lambert, University of North Carolina at Chapel Hill; Krista Perreira, University of North Carolina at Chapel Hill

## 216 Remote Sensing, Digital Trace, and Other Alternative Data Sources

**CHAIR:** Barbara Entwisle, University of North Carolina at Chapel Hill

**DISCUSSANT:** Brian Levy, George Mason University

### 216-1 Using Social Media to Measure Demographic Responses to Natural Disaster: Insights From a Large-Scale Facebook Survey Following the 2019 Australia Bushfires

Paige Maas*, Facebook; Zack Almquist, University of Washington; Eugenia Giraudy, Facebook; JW Schneider, Facebook

### 216-2 Using Satellite Data to Measure Destruction and Displacement

Ferda Ofli*, Qatar Computing Research Institute; Kiran Garimella; Ingmar Weber, Qatar Computing Research Institute, HBKU

### 216-3 Synergizing Spatial Data With Census Data to Estimate Sustainable Development Goal (SDG) 11.3.1 at Village Level in the Peri-Urban Villages of Gujarat, India

Sikarwar Ankit Kumar*, International Institute for Population Sciences; Aparajita Chattopadhyay, International Institute for Population Sciences; Ritu Rani, International Institute of Population Sciences (IIPS)
217-1  Adolescent Fertility and Gender Differences in High School Dropout in Chile
   Viviana Salinas*, Instituto de Sociología, Pontificia Universidad Católica de Chile; Valentina Jorquera, Pontificia Universidad Católica de Chile

217-2  Social Network and Indoctrinated Preferences for College Education
   Soumya Pal*

217-3  Children’s School Attendance, Work, Health, and Rainfall Shocks in Ethiopia
   Evangelos Falaris*

217-4  Successful Interventions at Scale: The Importance of Managers
   Anne Fitzpatrick*, University of Massachusetts Boston; Sabrin Beg, University of Delaware; Adrienne Lucas, University of Delaware

218-1  Diversity and Dynamics in Care Networks of Older Adults
   Zhiyong Lin*, University of Texas at Austin

218-2  The Care Work System Changes and Continuities in the Provision of Care
   Pilar Gonalons Pons*, University of Pennsylvania

218-3  The “Sandwich Generation” Revisited: Global Demographic Drivers of the Demand of Care Time
   Diego Alburquerque Gutiérrez*, Max Planck Institute for Demographic Research; Carl Mason, University of California, Berkeley; Emilio Zagheni, Max Planck Institute for Demographic Research

218-4  Is There an Unmet Need for Help Among Older Adults Without Close Family Members?
   Huijing Wu*, University of Western Ontario; Rachel Margolis, University of Western Ontario; Ashton Verdery, Penn State

219-1  Occupational Earnings Inequality, Time Use, and Subjective Well-being: Variations by Sex and Parental Status
   Younghwan Song*, Union College

219-2  Family-to-Work Conflict During the COVID-19 Pandemic
   Miranda Berriaga*, The Ohio State University; Claire Kamp Dush, The Ohio State University; Wendy Manning, Bowling Green State University

219-3  Changes in Parents’ Domestic Labor During the COVID-19 Pandemic
   Daniel Carlson*, University of Utah; Richard Petts, Ball State University; Joanna Pepin, University of Texas - Austin

219-4  Gender Division of Labor and Relationship Quality Before and During the COVID-19 Pandemic
   Lindsay Cannon*, University of Wisconsin - Madison; Emma Romell, University of Wisconsin-Madison

220  Adolescent Reproductive Health in the United States
   CHAIR: Kelli Stidham Hall, Columbia University
   DISCUSSANT: Lauren Ralph, University of California, San Francisco
   1:00 PM-2:15 PM — Open Water
Comparability of Estimates and Trends in Adolescent Sexual Behavior From Two National Surveys
Laura Lindberg*, Guttmacher Institute; Rachel Scott, INSERM U.1018 - Equipe 7 / LSHTM; Sheila Desai, Guttmacher Institute; Zoe Pleasure, Guttmacher Institute

“Try It Out, Test It Out” and See How Your Body Reacts: Experiences With Contraceptives and Contraceptive Counseling Among Adolescent and Emerging Adult Black Women in South Carolina
Katie Baker*, East Tennessee State University; Abbey Mann, East Tennessee State University; Joel Hillhouse, East Tennessee State University; Michael Smith, Nathan Hale, East Tennessee State University; Amal Khoury, East Tennessee State University

Contraceptive Provision in Oregon School-Based Health Centers, 2012–2016: Trends in Method Type, Racial/Ethnic Disparities, and the Role of Title X
Emily Boniface*, Maria I. Rodriguez, Oregon Health & Science University; John Heintzman, Oregon Health & Science University; Sarah Knipper, Oregon Health Authority; Rebecca Jacobs, Oregon Health Authority; Blair Darney, Oregon Health & Science University

Intimate Relationship Dynamics and the Onset of Sexual Intercourse Within Young Adult Relationships
Yasamin Kusunoki*, University of Michigan; Allison Hand, University of Michigan; Heather Gatny, University of Michigan; Jennifer Barber, Indiana University

Timing and Spacing
CHAIR: Karen Guzzo, Bowling Green State University
DISCUSSANT: Caroline Hartnett, University of South Carolina
1:00 PM-2:15 PM — Open Water

Adult Familial Death and First Birth Timing
Heather Rackin*, Louisiana State University; Christina Gibson-Davis, Duke University

Cohort Heterogeneity in the Educational Costs of Adolescent Childbearing
Joseph Wolfe*, University of Alabama at Birmingham; Mieke Thomeer, University of Alabama at Birmingham; Shawn Bauldry, Purdue University

Speed Premium: (Unexpected) Health Consequences of a Policy Reducing Birth Spacing
Enrico Debiasi*, Siddartha Aradhya, Lund University; Sol Juarez, Stockholm University

Motherhood Biographies and Midlife Women’s Health
Mieke Thomeer*, University of Alabama at Birmingham; Rin Reczek, The Ohio State University

Sexual Minority (LGBQAI+) Populations
CHAIR: Trenton Mize, Purdue University
DISCUSSANT: Trenton Mize, Purdue University
1:00 PM-2:15 PM — Open Water

Are All of the “Undecided” Sexual/Gender Minorities? A Queer Demographic Analysis of an Experimental Study to Improve Sexual Orientation and Gender Identity (SOGI) Questions
Daiki Hiramori*, University of Washington; Saori Kamano, National Institute of Population and Social Security Research; Takeyoshi Iwamoto, Kanazawa University

Explaining Regional Differences in Attitudes Toward Gay Men and Lesbians: The Contextual Influence of Education
Jason Budge*

Structural and Community Risks for LGBTQIA Experiences of Campus Sexual Assault
Shamus Khan*, Columbia; Jennifer Hirsch, Columbia University; Jessie Ford, Columbia University; Alexander Wamboldt, No institutional affiliation; Claude Mellins, New York State Psychiatric Institute

Sexual and Gender Minority Well-being: Toward a More Holistic Understanding of Well-being
Lawrence Stacey*, The Ohio State University; Rin Reczek, The Ohio State University; Russell Spiker, Vanderbilt University

Social Context, Immigration, and Health
CHAIR: Janeria Easley, Emory University
DISCUSSANT: Christina Diaz, University of Arizona
1:00 PM-2:15 PM — Open Water

Parental Migrant Status and Health Inequalities at Birth: The Role of Immigrant Educational Selectivity
223-2 Immigrant Health (Dis)advantage in the Labor Market
Hui Zheng*, The Ohio State University; Wei-hsin Yu, University of California, Los Angeles

223-3 Self-selection, Geographic Context, and Infant Health: The Case of Blacks in the United States
Mosi Ifatunji*, University of Wisconsin–Madison; Savannah Larimore

223-4 Area-Level Inequality in Healthcare Access and Immigrant Health Trajectories
Megan Reynolds*, University of Utah; Yvette Young, University of Utah; Zizheng Song, University of Utah

224 Forced Migration and Gender
CHAIR: Nobuko Mizoguchi, U.S. Census Bureau International Programs
DISCUSSANT: Ellen Kraly, Colgate University
1:00 PM-2:15 PM — Open Water

224-1 The Effect of Voluntary and Involuntary Migration on Women’s Well-being: Evidence From Iraq
Cynthia Pando*, Elizabeth Boyle, University of Minnesota; Kassandra Fate, University of Minnesota; Lila Sahar, University of Minnesota; Erika Sanborne

224-2 Contraception Use Among the Rohingya Women in Bangladesh: A Cross-Sectional Study
Md Nuruzzaman Khan*, University of Newcastle; M Mofizul Islam, La Trobe University, Australia; Md Mashiur Rahman, Independent Researcher; Md Mostafizur Rahman, University of Rajshahi

224-3 Syrian Refugees in a Protracted Crisis: Gaps in Education, Livelihoods, and Social Protection
Goleen Samari*, Columbia University

224-4 Pride and Prejudice: How the Syrians Affected the Marriage Market in Turkey
Aysun Hızıroğlu Aygün*, Istanbul Technical University; Selin Köksal, Bocconi University; Gökçe Uysal, Bahcesehir University

225 Flash: Effects of Pro- and Anti-Immigrant Climates
CHAIR: Juan Pedroza, University of California, Santa Cruz
1:00 PM-2:15 PM — Open Water

225-1 Do Anti-Immigrant Laws Decrease Crime Reporting? A Study of Police Notification Among Latinos/as in the United States
Marta Ascherio*, University of Texas at Austin

225-2 Testing the Backlash Argument: Voter Responses to Pro-Immigration Reforms
Alexander Kustov*, Yale University

225-3 Unequal Risks Versus Changes in Composition: Patterns and Trends of Deportation From the United States to Mexico, 2005–2018
Maria Vignau Loria*, University of Washington

225-4 Endogamous Marriage Among Immigrant Groups: The Impact of Deportations Under Secure Communities
Cynthia Bansak*; Sarah Pearlman

225-5 Immigration Enforcement and Infant Health
Catalina Amuedo-Dorantes*, University of California, Merced; Brandyn Churchill, Vanderbilt University; Yang Song, Colgate

225-6 Immigrants’ Civic Engagement in an Era of Restriction
Molly Dondero*, American University; Claire Altman, University of Missouri, Columbia; Christal Hamilton, University of Missouri, Columbia

225-7 Policy Interactions and Infant Health: Evidence From Recent Immigration Reforms
Krista Ruffini*

225-8 Public Opinion on Immigration During the Trump Years
Mariano Sana*, Vanderbilt University

226 Early-Life Exposures and Health Over the Life Course
CHAIR: Kenzie Latham-Mintus, Indiana University-Purdue University Indianapolis
DISCUSSANT: Carrie Shandra, State University of New York at Stony Brook
226-1 Childhood Exposure to War and Adult Onset of Cardiometabolic Disorders
Steven Haas*, Penn State University; Daniel Ramirez

226-2 The Effects of Income Dynamics Across Childhood on Later-Life Health, Cognition, and Mortality
Jessie Himmelstern*, John Warren, University of Minnesota; Lying Luo, Pennsylvania State University

226-3 Early Childhood Conditions and Later-Life Loneliness in the United States
Shiro Furuya*, University of Wisconsin-Madison; Jia Wang, University of Wisconsin-Madison

226-4 A Life Course Perspective on BMI and Obesity in Rural America
Shelley Clark*, McGill University

227 Socioeconomic Status and Mortality in Europe
CHAIR: Joseph Lariscy, University of Memphis
DISCUSSANT: Isaac Sasson, Tel Aviv University
DISCUSSANT: Rhannon Miller, Johns Hopkins University

227-1 Assessing Population Health on the Basis of Healthy Life Expectancy in 16 European Countries: Educational Inequalities and the Impact of the Population Structure
Markus Sauerberg*, Vienna Institute of Demography, Austrian Academy of Sciences

227-2 How the Measurement of Income Impacts Health Inequality Research
Jiaxin Shi*, Max Planck Institute for Demographic Research; Pekka Martikainen, University of Helsinki; Lasse Tarkiainen; Alyson van Raalte, Max Planck Institute for Demographic Research

227-3 Occupational Disparities in Old-Age Mortality: A Comparison of Trends in Modal and Average Length of Life in Finland, 1971–2017
Viorela Diaconu*, Max Planck Institute for Demographic Research; Alyson van Raalte, Max Planck Institute for Demographic Research; Pekka Martikainen, University of Helsinki

227-4 On the Measurement of Healthy Lifespan Inequality
Inaki Permanyer*, Centre d’Estudis Demografics; Jeroen Spijker, Centre d’Estudis Demografics; Amand Blanes, Centre d’Estudis Demografics

228 Environment, Migration, and Marriage
CHAIR: Audrey Dorélien, University of Minnesota
DISCUSSANT: Heather Randell, Pennsylvania State University
DISCUSSANT: Tamara McGavock, Grinnell College

228-1 Impacts of Transient and Permanent Environmental Shocks on Internal Migration
Tanvir Pavel*, ROSE-HULMAN INSTITUTE OF TECHNOLOGY; Syed Hasan, Massey University; Nafisa Halim, Boston University; Pallab Mozumder, Educational Institution

228-2 The Effects of Climatic Variability on Child Fostering in Sub-Saharan Africa
Sara Ronnkvist*, University of Wisconsin - Madison; Brian Thiede, Pennsylvania State University; Emma Barber, Pennsylvania State University

228-3 Estimating the Causal Relationship Between Extreme Climate Events and Early Female Marriage in Bangladesh
Livia Elisa Ortensi*, University of Milan - Bicocca. Italy; Francesca Tosi, University of Bologna; Rosella Rettaroli, University of Bologna

228-4 Climate Variability and the Timing of Marriage in Coastal Bangladesh
Amanda Carrico*, University of Colorado - Boulder; Katharine Donato, Georgetown University

229 Measuring Structural Racism
CHAIR: Hedwig Lee, Washington University in St. Louis
DISCUSSANT: Lauren Brown, San Diego State University

229-1 Structural Racism: Time to Pop the Bucky Ball
Conceptualizing and Measuring Cultural Racism  
Courtney Cogburn*, Columbia University

The Importance of Unpacking our Core Concepts in Race and Immigration Research  
René Flores*, University of Chicago

Quantifying and Mapping Structural Racism across Societal Domains  
Tyson Brown*, Duke University

Challenges in Evaluation of Census 2020 Data Quality  
CHAIR: Joseph Salbo, New York City Department of City Planning
1:00 PM-2:15 PM — Open Water

Panelist
Elizabeth Garner*, Colorado Department of Local Affairs

Panelist
John Thompson*, University of Virginia

Panelist
John Czajka*, Mathematica Policy Research, Inc

Panelist
Susan Strate*, University of Massachusetts Amherst

Gender and Sexuality; and Health and Health Behavior  
1:30 PM-3:00 PM — Open Water Poster Gallery

Studying the Social Determinants of the COVID-19 Spread in a Data Vacuum  
Kate Choi*, University of Western Ontario; Patrick Denice, University of Western Ontario; Michael Haan, University of Western Ontario; Anna Zajacova, University of Western Ontario

Spatial Analysis of Cardiovascular Mortality and Associated Factors Around the World  
Bernardo Queiroz*, CEDEPLAR; Emerson Baptista, Asian Demographic Research Institute (ADRI)

Equal Access to Healthcare During a Public Health Emergency: Insights From Family Connects During The COVID-19 Pandemic  
Anna Rybinka*, Duke University; Debra Best, Duke University; W. Benjamin Goodman, Duke University; Yu Bai, Duke University; Winona Weindling, Duke University; Kenneth A. Dodge, Duke University

Forgiveness as a Positive Contributing Factor on the Mental Well-being of Female Congolese Refugees and Asylum Seekers’ Postwar Experience  
Pride Kandemiri*, University of Witwatersrand

Death in the War on Drugs: Homicide Mortality in the Mexico–United States Border  
Uriel Lomeli-Carrillo*, University of Texas at San Antonio

Identification of Factors Influential for Survival of People Living in a Malaria-Endemic Village: A Study Among Binjhal Tribe of Odisha, India  
Mahendra Panda*, Utkal University; Kanhu Charan Satapathy, Utkal University

The Underappreciated Extent of Incomplete Plumbing and Poor Water Quality in the United States  
J. Tom Mueller*, Utah State University; Stephen Gasteyer, Michigan State University

Propensity Score Analysis of the Effect of Single-Sex Education on Korean Adolescents  
Ekaterina Baldina*

Does Context Matter? Exploring the Effects of Weekend Gathering on Psychological Well-being of Live-in Migrant Domestic Workers in Hong Kong  
Yingtong Lai*, Chinese University of Hong Kong; Eric Fong, University of Hong Kong

Mental Health Consequences of Job-Loss and Unemployment Duration  
Irina Zainullina*, Minnesota Population Center
Does the Affordable Care Act Reduce Disparities in Access to Healthcare for the Children of Single Mothers of Color?
Yiwan Ye*, University of California, Davis; Emily Searl, University of California, Davis; Elyssa Fogleman, University of California, Davis

Education, Financial Losses, and Diseases of Despair
Samuel Fishman*, Duke University

Revisiting the Immigrant Paradox in Birth Outcomes: Differences in Preterm Birth and Low Birth Weight Across Mother’s Nativity Status and Father’s Race/Ethnicity Among Infants Born to White, Black, Asian, and Hispanic Mothers
Amanda Landrian*, UCLA Fielding School of Public Health; Rebecca Wofter, UCLA Fielding School of Public Health; May Sudhinaraset, UCLA Fielding School of Public Health

Building Community Capacity in Early Childhood Systems Through Collaborative Networks
Carly Holman*; Annie Glover, Tulane University and University of Montana

Projecting Health Trajectories in Europe Using Microsimulation

The education gradients of adult female obesity: Evidence from two African Countries
Averi Chakrabarti*; Naveen Sunder, Bentley University

Antenatal Care Utilization in East Africa: Are There Differences Between Cohabitors and the Married?
Charles Katulamu*

The Relationship Between Marital Status and Subjective Quality of Life Among Male Migrants in China: The Mediating Effects of Worrying About Old-Age Support and Satisfaction on Sexual Life
Huijun Liu*, Institute for Population and Development Studies, School of Public Policy and Administration, Xi’an Jiaotong University; Hui Wang, Institute for Population and Development Studies, School of Public Policy and Administration, Xi’an Jiaotong University; Bei Wu, Rory Meyers College of Nursing, New York University

Pre-Pregnancy Cardiometabolic Risk Factors and Subsequent Birth Outcomes: A Finite Mixture Modeling Approach
Megan Barry*, University of North Carolina at Chapel Hill; Carolyn Halpern, University of North Carolina at Chapel Hill

COVID-19 Cases and Testing in 53 Prison Systems
Katherine LeMasters*, University of North Carolina at Chapel Hill; Erin McCauley, Kathryn Nowotny, University of Miami; Lauren Brinkley-Rubinstein, UNC Chapel Hill

Trends in Psychological Distress Among Ohioans, 2008–2019
Christina Bijou*, The Ohio State University; Coralia Balasca, The Ohio State University

Exposure to Intimate Partner Violence and Hypertension Outcomes Among Young Women in South Africa
Nicole De Wet- Billings*, University of the Witwatersrand; Motlatso Godongwana, University of the Witwatersrand

Female Autonomy, Economic Development, and Suicides Among Women in India
Parvati Singh*, University of California, Irvine; Abhery Das, University of California, Irvine; Jenesca William, Saint Louis University; Tim-Allen Bruckner, University of California, Irvine

Green Mobility and Obesity Risk: A Longitudinal Analysis in California
Samantha Gailey*, University of California, Irvine; Sara McElroy, University of California San Diego; Tarik Benmarhnia, University of California San Diego; Tim-Allen Bruckner, University of California, Irvine

Private Insurance and Multiple Chronic Conditions Among Older Adults: A Longitudinal Analysis by Race and Ethnicity
Hankyung Jun*; Emma Aguila, University of Southern California

The Demographic Effects of Eliminating Alzheimer’s Disease
Crystal Yu*, University of Washington

Neighborhood Collective Efficacy, Disadvantage, and Adolescent Health
Michael Enich*, Rutgers University; Lenna Nepomnyaschy, Rutgers University

Time Can Heal? The Timing and Duration of the Left-Behind Experience in Childhood and Longitudinal Health Implications in Contemporary China
Xiuqi Yang*

Local Labor Market Conditions and Deaths of Despair
P7-30 Nonemployment Across the Life Course and Mothers’ Health in Later Life: Does Partnership History Matter?
Constance Beaufils*, Institut national d’études démographiques

P7-31 HIV Status and Antenatal Care Engagement in Rural Southwestern Kenya: A Time-to-Event and Geographical Analysis
Emma Banchoff*, University of Michigan; Julie Ambia, London School of Hygiene and Tropical Medicine; Sammy Khagayi, KEMRI/CDC; Georges Reniers, London School of Hygiene and Tropical Medicine

P7-32 The Impact of Migration and Sociodemographic Characteristics on Accuracy of Self-reported HIV Status in South Africa
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Yi Wang*

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Mark Lee*, University of Minnesota; Liying Luo, Pennsylvania State University

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Vedavati Patwardhan*, University of Washington

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Vijay Kumar Mishra*, Public Health Foundation of India; Surbhi Shrivastava, Emory University

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Elizabeth Jelsma*, University of Texas at Austin; Bridget Goosby, University of Texas at Austin; Jacob Cheadle, University of Texas

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Divya Bhagianadh*, Kanika Arora, University of Iowa

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James McNally*, National Archive of Computerized Data on Aging; Kathryn Lavender, National Archive of Computerized Data on Aging; Margaret C. Levenstein, University of Michigan

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Rebecca Jones*, Emory University; Craig Hadley, Emory University; Solveig Cunningham, Emory University

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Victoria Sass*, University of Washington; Hannah Lee, University of Washington; Kyle Crowder, University of Washington; Bongki Woo, University of South Carolina; Samantha Teixeira, Boston College

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Natalie Jansen*, Victor Agadjanian, University of California Los Angeles

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Jessica Polos*, University of Wisconsin–Madison

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Francesco Scalone*, University of Bologna
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Samuel Silva*, Cedeplar UFMG; Fernanda Fortes De Lena, University of Campinas

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Payal Hathi*, UC Berkeley; Diane Coffey, Population Research Center; Amit Thotar, NCAER; Nazar Khalid, University of Pennsylvania

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Atreyee Sinha*, International Institute for Population Sciences

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Maria Sironi*, University College London

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Yuan Zhang*, University of North Carolina at Chapel Hill; Virginia Chang, New York University

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Mats Lillehagen*, University of Oslo; Are Skeie Hermansen, University of Oslo

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Allison Dunatchik*, University of Pennsylvania; Rebecca Schut, University of Pennsylvania; Xi Song, University of Pennsylvania

235-4 A “Win-Win Exercise”? Eastern European Children in Western Europe
Nathan Hoffmann*, University of California, Los Angeles

236 Economic Consequences of Caregiving
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Klara Raiber*, Mark Visser, Radboud University; Ellen Verbakel, Radboud University; Martin van Hees, VU Amsterdam

236-2 Juggling Paid Work and Elderly Care Provision in Japan: Does a Flexible Work Environment Help Family Caregivers Cope?
Yoko Niimi*

236-3 Economic Effects of Long-Term Care Insurance: Evidence From Korean Panel Data
Hooolda Kim*, Black Hills State University; Sophie Mitra

237 Immigrant, Refugee, and Transnational Families
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DISCUSSANT: Mao-Mei Liu, University of California, Berkeley

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Veena Kulkarni*, Arkansas State University

237-2 Transnational Marriages in the United States: A Test of Competing Explanations
Inbar Weiss*, University of Texas at Austin

237-3 The Violence of Asylum: The Case of Undocumented Chinese Migration to the United States
Amy Hsin*, Queens College, City University of New York; Sofya Aptekar, CUNY

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Victor Garcia-Guerrero*, El Colegio de Mexico; Claudia Masferrer, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México

238 Contraceptive Behaviors in Low- and Middle-Income Countries
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DISCUSSANT: Sarah Bradley, Abt Associates

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Lindsay Mallick*, University of Maryland; Shireen Assaf, ICF international (The DHS Program); Michelle Weinberger, Avenir Health; Gbaike Ajayi, ICF (The DHS Program)

238-2 Let’s Talk About Sex: Improving Measurement of Contraceptive Use by Accounting for Sexual Activity
Suzanne Bell*, Johns Hopkins Bloomberg School of Public Health; Elizabeth Larson, Performance Monitoring for Accountability (PMIA), Johns Hopkins Bloomberg School of Public Health; Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Georges Guiella, University of Montreal; Peter Gichangi, International Centre for Reproductive Health Kenya; Elizabeth Omolubi, CRERD; Funmilola OlaOlorun, University of Ibadan, Ibadan, Nigeria

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Ayaga Bawah*, University of Ghana; Pearl Kyei, University of Ghana; Charles Asabere, University of Ghana

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CHAIR: David Sanchez Paez, Université catholique de Louvain
DISCUSSANT: Kathleen Beegle, World Bank

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Joshua Wilde*, Max Planck Institute for Demographic Research; Mahesh Karra, Frederick S. Pardee School of Global Studies, Boston University

239-2  Fertility Postponement in the Context of Weather Uncertainty: The Impact of Cyclone Idai on Reproductive Decision-making in Rural Malawi  
Monica Grant*, University of Wisconsin–Madison; Katherine Curtis, University of Wisconsin–Madison

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CHAIR: Batool Zaidi, Western Washington University
DISCUSSANT: Batool Zaidi, Western Washington University

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Isha Bhatnagar*, Cornell University

240-2  “Not a Bowl of Rice, but Tender Loving Care”: From Aborting Girls to Preferring Daughters in South Korea  
Monica Das Gupta*, University of Maryland; Heeran Chun, Jungwon University

240-3  Economic Privatization and Son Preference in Post-Reform China  
Fangqi Wen*, University of Oxford; Hanzhi Hu

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Ritwika Mukherjee*, Jawaharlal Nehru University; Ritwika Mukherjee, Jawaharlal Nehru University

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CHAIR: Daniela Negraia, Max Planck Institute for Demographic Research
DISCUSSANT: Jennifer Caputo, The Center for Health and The Social Sciences, University of Chicago

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Lei Lei*, Rutgers University; Sonalde Desai, University of Maryland

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Shannon Shen*, Texas A&M University-San Antonio; Hui Liu, Michigan State University

241-3  Sexual Orientation and Suicidal Ideation: A Demographic Portrait  
Caleb Cooley*, Washington State University; Justin Denney, Washington State University; Zhe Zhang, Rice University

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Yuka Minagawa*, Sophia University

242  Immigration, Health, and Social Context

CHAIR: Ravaris Moore, Loyola Marymount University
DISCUSSANT: Joseph Lariscy, University of Memphis

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Simon Ruhnke*

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Kazumi Tsuchiya*, University of Minnesota, Minnesota Population Center; Ryan Demmer, University of Minnesota, School of Public Health

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Molly Dondero*, American University; Claire Altman, University of Missouri, Columbia

243 Social and Spatial Disparities in Past Epidemics
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DISCUSSANT: Dylan Connor, Arizona State University
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Jonas Helgertz*, University of Minnesota/Lund University; Martin Dribe, Lund University; Tommy Bengtsson, Lund University

243-2 COVID-19 and Major Influenza Pandemics Since the 1950s: Evidence From Mortality and Life Expectancy Evolution in Italian Provinces
Benedetta Scotti*, Bocconi University; Simone Ghislandi, Bocconi University

243-3 Why Pandemics Rhyme: The Spatial Distribution of Mortality During the 1918 Influenza and COVID-19
Sander Wagner*, Ecole Nationale de la Statistique et de l’Administration Economique; Felix Tropf, University of Oxford; Tobias Rüttener, University of Oxford; Jennifer Dowd, University of Oxford

243-4 Racial Disparities in Mortality From the 1918 Flu in the United States
Martin Eiermann*, University of California at Berkeley; Elizabeth Wrigley-Field, University of Minnesota, Twin Cities; Christopher Muller; James Feigenbaum, Boston University; Jonas Helgertz, University of Minnesota/Lund University; Jonathan Zelner, University of Michigan

244 Immigrant Health, Education, and Well-being
CHAIR: Isabel Anadon,
DISCUSSANT: Joaquin Rubalcaba, University of North Carolina Chapel Hill
DISCUSSANT: Christina Diaz, University of Arizona
2:30 PM-3:45 PM — Open Water

244-1 At the Intersection of Adverse Life Course Pathways: The Effects on Health by Migration Status
Silvia Loi*, Max Planck Institute for Demographic Research; Peng Li, Max Planck Institute for Demographic Research; Mikko Myrskyla, Max Planck Institute for Demographic Research

244-2 Psychological Distress in Middle Eastern Immigrants to the United States: A Challenge to the Healthy Migrant Model?
Elif Bulut*, Florida State University; Karin Brewster, Florida State University

244-3 On the Basis of Visa Type: The Association of Visa Type and Health Among Immigrants in the United States
Alicia Dunajcik*, Emory University; Solveig Cunningham, Emory University

244-4 Quantifying Accessibility to Healthcare and Legal Services for Immigrants in California, Arizona, and Nevada
Ethan Roubenoff*, University of California, Berkeley; Jasmijn Slootjes, University of California, Berkeley; Irene Bloemraad, University of California, Berkeley

245 Socioeconomic Inequalities in Health and Mortality
CHAIR: Benjamin Walker, Mississippi State University
DISCUSSANT: Margaret Ralston, Mississippi State University
2:30 PM-3:45 PM — Open Water

245-1 Unpacking Educational Gradients in Mortality
Maria Romo-Gonzalez*, University of California, Berkeley; Jordan Weiss, University of California, Berkeley
245-2 Education, Wealth, and Duration of Life Expected in Various States of Frailty
Zachary Zimmer*, Mount Saint Vincent University; Yasuhiko Saito, Nihon University; Olga Theou, Dalhousie University; Clove Haviva, Dalhousie University; Kenneth Rockwood, Dalhousie University

245-3 Age-Period-Cohort Analyses of Activity Limitation Caused by Chronic Conditions (ALCC) in the United States, 1997–2018
Hangqing Ruan*, University of Maryland

245-4 Unconditional Quantile Regression and Educational Disparities in Biomarkers of Health Risk
Meghan Zacher*, Brown University

246 Environment and Population Behaviors

CHAIR: Audrey Dorélien, University of Minnesota
DISCUSSANT: Amanda Carrico, University of Colorado - Boulder
DISCUSSANT: Brianna Castro, Harvard University

2:30 PM-3:45 PM — Open Water

246-1 Extreme Weather Events Impact Risk Tolerance and Patience
Paula Jaramillo*, Colby College; Daniel LaFave, Colby College; Lindsey Novak, Colby College

246-2 Extreme Weather Events and Environmental Attitudes and Behavior: A Large-Scale Longitudinal Approach in the United Kingdom
Tobias Rütenauer*, University of Oxford

246-3 Voting for Tomorrow: Climate Change, Environmental Concerns, and Green Voting
Roman Hoffmann*, Vienna Institute of Demography, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OAW, University of Vienna) & Potsdam Institute for Climate Impact Research; Raya Muttarak, Vienna Institute of Demography; Jonas Peisker, Vienna Institute of Demography, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/OAW, University of Vienna); Piero Stanig, Bocconi University

246-4 Environmental Concern and Childbearing Plans Among U.S. Adolescents
Caroline Hartnett*, University of South Carolina; Alison Gemmill, Johns Hopkins Bloomberg School of Public Health; Heather Rackin, Louisiana State University

247 Understanding the Well-being of LGBTGI+ Populations: Findings From a New National Academies of Science, Engineering, and Medicine Report

CHAIR: Debra Umberson, University of Texas at Austin
DISCUSSANT: Charlotte Patterson, University of Virginia

2:30 PM-3:45 PM — Open Water

247-1 Panelist
Lee Badgett*, University of Massachusetts Amherst

247-2 Panelist
Stephen Russell*, University of Texas at Austin

247-3 Panelist
Sari Reisner*, Harvard University

247-4 Panelist
Gary Gates*, Retired
## Employment Histories, Family, and Health

**CHAIR:** Michal Engelman, University of Wisconsin–Madison  
**DISCUSSANT:** Katie Jajtner, University of Wisconsin–Madison  
**9:15 AM-10:30 AM — Open Water**

### 248-1 Unplanned Costs and Benefits: Spousal Spillover Effects of Retirement on Health
Lauren Newmyer*, Pennsylvania State University; Juliana Levchenko; Kendal Lowrey, The Pennsylvania State University

### 248-2 Gendered Employment-Family Trajectories and Multidimensional Well-being: Evidence From France
Constance Beaufils*, Institut national d’études démographiques; Anna Barbucia, INED; Emmanuelle Cambois, INED

### 248-3 Retirement Type and Cognitive Functioning in Japan
Masaaki Mizuochi*, Nanzan University; James M Raymo, Princeton University

### 248-4 The Effect of Job Loss on Mortality Over Two Decades: An Examination of State-Owned Enterprise Workers in Urban China, 1989–2015
Qian Song*, University of Massachusetts Boston; Emily Lim, University of Massachusetts Boston

## The Timing and Sequencing of Events in the Transition to Adulthood

**CHAIR:** Jessica Hardie, Hunter College, CUNY  
**DISCUSSANT:** Yuying Tong, Chinese University of Hong Kong  
**9:15 AM-10:30 AM — Open Water**

### 249-1 Migration in the Context of Life Course Events and Roles in Young Adulthood
Jonathan Horowitz*, University of Toronto; Barbara Entwisle, University of North Carolina at Chapel Hill

### 249-2 Increasing Disparities in the Timing of Transition to Adulthood in Low- and Middle-Income Countries (LMICs)
Ewa Batyra*, University of Pennsylvania; Hans-Peter Kohler, University of Pennsylvania

### 249-3 A Rise in Young Singlehood? Trends in Single Living After Leaving Home in Europe
Lonneke Berg*; Ellen Verbakel, Radboud University Nijmegen

### 249-4 Nonstandard Employment and Young Adults’ Leaving and Returning to the Parental Home in the United States
Lei Lei*, Rutgers University; Quan Mai

## International Comparisons and the COVID-19 Pandemic

**CHAIR:** Cassio Turra, CEDEPLAR  
**DISCUSSANT:** Iliana Kohler, University of Pennsylvania  
**9:15 AM-10:30 AM — Open Water**

### 250-1 COVerAGE-DB: A Database of Age-Structured COVID-19 Cases and Deaths
Timothy Riffe*, Max Planck Institute for Demographic Research; Enrique Acosta, Max Planck Institute for Demographic Research; The COVerAGE-DB team, Various

### 250-2 International Differences in COVID-19 Mortality: Some Reflections on Diversity in Data Collection Systems
Jenny Garcia*, Institut National d’Études Démographiques (INED); Catalina Torres, Institute For Demographic Studies (INED); Magali Barbieri, Institut National d’Études Démographiques (INED); Emmanuelle Cambois, INED; Carlo Camarda, Institut National d’Études Démographiques (INED); Arianna Caporal, Institut National d’Études Démographiques (INED); France Mesle, Institut national d’études démographiques (INED); Svitlana Poniakina, Institut National D’etudes Démographiques; Jean-Marie Robine, INSERM / U1198

### 250-3 Behaviors and Attitudes in Response to the COVID-19 Pandemic: Insights From a Cross-National Facebook Survey
Daniela Perroa*, Andre Grow, Max Planck Institute for Demographic Research; Francesco Rampazzo, Centre for Population Change, University of Southampton; Jorge Cimentada, Max Planck Institute for Demographic Research; Emanuele Del Fava, Max Planck Institute for Demographic Research;
250-4  Inter-Country Variations in COVID-19 Incidence From a Social-Science Perspective  
Uzi Rebhun*, Hebrew University of Jerusalem

251  Flash: Advances in Visualization of Demographic Data

CHAIR: Ilya Kashnitsky, University of Southern Denmark

9:15 AM-10:30 AM — Open Water

251-1  An Interactive State Profile of Same-Sex and Opposite-Sex Married and Unmarried Couples  
Zachary Scherer*, U.S. Census Bureau; Lydia Anderson, U.S. Census Bureau

251-2  Data Visualization for Epidemiological and Demographic Data for Malaria Surveillance in the Brazilian Amazon, 2007–2019  
Carlos Beluzo*, University of Campinas; Natália Arruda, University of Campinas; Vinicius de Souza Maia, University of Campinas (UNICAMP); Luciana Alves, University of Campinas (UNICAMP)

251-3  Smooth Quantile Visualizations Enhance Understanding of Bivariate Population Distributions  
Robin Lee*, Princeton University; Ian Lundberg, Princeton University; Brandon Stewart, Princeton University

251-4  Women’s Earnings by State: The Geography of the Gender-Based Wage Gap in the United States  
Megan Wisniewski*, U.S. Census Bureau; Lynda Laughlin, U.S. Census Bureau

251-5  Patterns of Mortality Improvement Over Age and Time for 201 Countries  
Kirill Andreev*, United Nations

252  Intergenerational Transmission of Poverty and Human Capital

CHAIR: Jacob Faber, New York University (NYU)

DISCUSSANT: Fenaba Addo, University of North Carolina at Chapel Hill

DISCUSSANT: Daniel Schneider, University of California, Berkeley

9:15 AM-10:30 AM — Open Water

252-1  Deciphering the Structure of Systemic Racism? Racial Differences in the Intergenerational Association of Intragenerational Income Mobility  
Alexander Adames*, Arthur Sakamoto, Texas A&M University; Xi Song, University of Pennsylvania

252-2  Historical Mechanisms Connecting Home Values Over Three Generations to Contemporary Black-White Disparities in Wealth and Health  
Nick Graetz*, University of Pennsylvania

252-3  Revisiting Trends in the Intergenerational Transmission of Economic Status and Family Structure  
Michael King*, U.S. Census Bureau

252-4  Entwined Embedded Events: The Effect of Parental Incarceration Timing on Children’s Academic Achievement  
Matthew Fox*, University of California, Los Angeles; Ravaris Moore, University of California-Los Angeles; Xi Song, University of Pennsylvania

253  Cultural and Structural Forces Shaping Family Life

CHAIR: Pilar Gonalons Pons, University of Pennsylvania

DISCUSSANT: Jennifer Hook, University of Southern California

9:15 AM-10:30 AM — Open Water

253-1  Gender Ideology in Europe: Plotting Normative Types in a Multidimensional Space  
Maite Van Damme*, Pompeu Fabra University; Dimitris Pavlopoulos, VU Amsterdam

253-2  Mass Education and Women’s Autonomy: Evidence From Latin America  
Daniela Urbina*, Princeton University

Zachary Van Winkle*, University of Oxford; Fangqi Wen, University of Oxford

253-4  Economic Development, Women’s Education, and Their Fertility – A Study Across and Within European Countries
254  Kinship Beyond the Household

CHAIR: Cassandra Cotton, Arizona State University
DISCUSSANT: Sangeetha Madhavan, University of Maryland-College Park

9:15 AM-10:30 AM — Open Water

254-1  Links Lost: A Life Course Perspective of Kin Death in a High-Mortality Context in Rural Malawi
Emily Smith-Greenaway*, University of Southern California; Eric Lugu, Partner's in Health

254-2  What Constitutes a Family? An Investigation of Who Attends Family Events in Post-Divorce Families
Christian Fang*, Anne-Rigt Poortman, Utrecht University; Tanja van der Lippe

254-3  The Relationship Between Extended Kin Resources and Children’s Healthcare Utilization: An Analysis of Family Concession Networks in Rural Mali
Emily Treleaven*, University of Michigan

254-4  Mother’s Receipt of Kin Support From In-Laws: The Role of Relationship Status and Father’s Involvement
Ellen Whitehead*, Ball State University; Taryn Wield, Ball State University

255  Contraceptive Use Dynamics

CHAIR: Sarah Bradley, Abt Associates
DISCUSSANT: Katherine Tumlinson, University of North Carolina at Chapel Hill

9:15 AM-10:30 AM — Open Water

255-1  How Do Changes in Motivation to Prevent Pregnancy Influence Contraceptive Continuation? Results From a Longitudinal Study With Women Who Receive Family Planning Services From Community Pharmacists and Patent and Proprietary Medicine Vendors in Nigeria
Sara Chace Dwyer*, Sikiru Baruwa, Population Council; Emeka Okafor, Society for Family Health; Osasuyi Dirisu, Population Council; Jennifer Anyanti, Society for Family Health; Babajide Daini, Population Council; Osimhen Ubuane, Population Council; Aparna Jain, Population Council

255-2  Choices and Challenges: Contraceptive Use Dynamics in Low- and Middle-Income Countries
Eve Brecker*, Population Reference Bureau; Dana Sarnak, Johns Hopkins Bloomberg School of Public Health; Charlotte Greenbaum, Population Reference Bureau; Kaitlyn Patteno, Population Reference Bureau

255-3  Seasonal Contraceptive Discontinuation Patterns: An Analysis Using the Demographic and Health Survey (DHS) Contraceptive Calendar in 6 Countries
Amy Finnegan*, IntraHealth International

255-4  Contraceptive Use Dynamics During COVID-19 in Sub-Saharan Africa: Longitudinal Evidence From Burkina Faso and Kenya
Celia Karp*, Johns Hopkins Bloomberg School of Public Health; Shannon Wood, Johns Hopkins Bloomberg School of Public Health; Georges Guillaume, Institut Supérieur des Sciences de la Population/University of Ouagadougou; Peter Gichangi, International Centre for Reproductive Health-Kenya; Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health; Philip Anglewicz, Johns Hopkins University; Saifuddin Ahmed, Johns Hopkins University; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health

256  Outcomes of Pregnancy Intentions

CHAIR: Neetu John, Columbia University Mailman School of Public Health
DISCUSSANT: Susannah Gibbs, Oregon State University

9:15 AM-10:30 AM — Open Water

256-1  Do Intentions Predict Real Behavior? An Analysis of Linked Longitudinal Surveillance Data With Annual Panel Survey From the Navrongo Demographic Surveillance Site in Northern Ghana
Ayaga Bawah*, University of Ghana; Patrick Asuming, University of Ghana; Cornelius Debpuur, Ghana Health Service; Paul Welaga; James F Phillips, Columbia University
256-2 Birth Intention Horizon as a Predictor of Contraceptive Method Effectiveness
Yuko Hara*, University of Maryland, College Park; Michael Rendall, University of Maryland-College Park

256-3 The Effect of Birth Intention Status on Maternal and Child Outcomes in Low- and Middle-Income Countries: A Fixed-Effects Analysis
Heini Vaisanen*, University of Southampton; Ewa Batyra, University of Pennsylvania

Nicholas Mark*, New York University; Sarah Cowan, New York University

257 Mental Health Over the Life Course in India and China
CHAIR: Suneeta Krishnan, Gates Foundation
DISCUSSANT: Feinian Chen, University of Maryland
9:15 AM-10:30 AM — Open Water

257-1 Mental Health in India: Insights From Census and Large-Scale Surveys
Tanusree Dutta*, International Institute for Population Sciences; Ram B Bhagat

257-2 “Act your Age”: Mental Health Status of the Elderly in India
Mukesh Parmar*, Jawaharlal Nehru University, New Delhi, India

257-3 Association Between Gender Disadvantage Factors and Postnatal Psychological Distress Among Married Adolescent Girls: A Community-Based Study in Rural India
Tina Khanna*, Department of Social Policy and Intervention, University of Oxford

257-4 Loss of Children and Health of Older Chinese Parents: The Role of Family Support and Social Security
Fengyu Wu*, Wake Forest University; Mingming Ma, Shanghai University of Finance and Economics

258 Leveraging New Digital Data Sources to Address the COVID-19 Pandemic
CHAIR: Andre Grow, Max Planck Institute for Demographic Research
DISCUSSANT: Ugofilippo Basellini, Max Planck Institute for Demographic Research
9:15 AM-10:30 AM — Open Water

258-1 U.S. Regional Disparities in Physical Distancing: Evaluating Racial and Socioeconomic Divides During the COVID-19 Pandemic
Emma Zang*, Yale University; Jessica West, Duke University; Nathan Kim, Yale University; Christina Pao, University of Oxford

258-2 Leveraging Data From Facebook’s COVID-19 Symptom Survey to Forecast Coronavirus Cases in India
Abhinav Motheram*

258-3 Harnessing the Potential of Big Data for Understanding the Impact of COVID-19 on Intimate Partner Violence in Italy
Selin Köksal*, Bocconi University; Luca Maria Pesando, Department of Sociology and Centre on Population Dynamics, McGill University; Valentina Rotondi, Bocconi University; A. Ebru Sanliturk, Bocconi University

258-4 Physical Mobility, Nonpharmaceutical Interventions, and COVID-19 Prevalence: Evidence From Cellular Movement and Smart Thermometer Tracking in U.S. Counties
Frank Heiland*, Baruch College, CUNY; Rahul Pathak, Baruch College

259 Historical Studies of Epidemics and Pandemics
CHAIR: Myron Gutmann, University of Colorado Boulder
DISCUSSANT: Ken Smith, University of Utah
9:15 AM-10:30 AM — Open Water

259-1 Intergenerational Effects of Smallpox and Smallpox Vaccination Over the Three Centuries
Volha Lazuka*, Lund University, Department of Economic History; Peter Sandholt Jensen, University of Southern Denmark

259-2 Implications of Mortality Crises in Lifespan Variation
Serena Vigezzi*, José Manuel Aburto, University of Southern Denmark; Inaki Permanyer, Centre d’Estudis Demografics; Virginia Zarulli, Interdisciplinary Centre on Population Dynamics, University of Southern Denmark

259-3 Pandemics, Public Health Interventions, and Fertility: Evidence From the 1918 Influenza
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<td>Longevity and In Utero Exposure to the Influenza Pandemics in the 19th Century</td>
<td>Sander Wagner*, École Nationale de la Statistique et de l'Administration Économique; Felix Tropf, University of Oxford; Nicolò Cavalli, Nuffield College; Melinda Mills, Leverhulme Centre for Demographic Science, University of Oxford</td>
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<td>260</td>
<td>Immigration Enforcement in the Age of Trump</td>
<td>Won-tak Joo*, University of Wisconsin–Madison; Michal Engelman, University of Wisconsin–Madison; Alberto Palloni, University of Wisconsin–Madison; Jason Fletcher, University of Wisconsin–Madison</td>
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### Session 260

**Chair:** Chenoa Allen, University of Missouri  
**Discussant:** Pia Orrenius, Federal Reserve Bank of Dallas  
**Discussant:** Claudia Masferrer, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México  

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<td>9:15 AM-10:30 AM</td>
<td>Deportation and Place: Understanding Spatial Variation in U.S. Interior Immigration Enforcement</td>
<td>Margot Moinester*, Washington University in St. Louis</td>
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<td>260-1</td>
<td>U.S. Interior Immigration Arrests, 2014–2018</td>
<td>Konrad Franco*, University of California, Davis; Caitlin Patler, University of California, Davis</td>
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<td>260-2</td>
<td>Mapping Immigration Court Processes, Outcomes, and Deportation Decisions</td>
<td>Christopher Levesque*, University of Minnesota</td>
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<td>260-3</td>
<td>Remittances in the Time of Trump: How an Anti-Immigrant Political Climate Influences Remittance Amount for Mexican Migrants in the United States, 1982–2018</td>
<td>Kassandra Hernandez*, University of California, Los Angeles; Jose Inoussa Aremou O Lawani, University of California, Berkeley</td>
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<td>260-4</td>
<td>Immigration, Race, and Ethnicity</td>
<td>Angie Ocampo*, University of Pennsylvania</td>
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### Session 261

**Chair:** JooHee Han, University of Oslo  
**Discussant:** William Haller, Clemson University  

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<td>Social Acceptance: Reconceptualizing Latino Immigrant Incorporation</td>
<td>Christopher Maggio*</td>
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<td>261-1</td>
<td>Demographic Change and Perceptions of Racism</td>
<td>Nicole Kreisberg*, Brown University</td>
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<td>261-2</td>
<td>Socially Desirable Discrimination: What Employers Say Versus What They Do in the Case of Immigration</td>
<td>Catherine Talbot*, University of Colorado Boulder; Lori Hunter, University of Colorado Boulder; Dylan Connor, Arizona State University; Stefan Leyk, University of Colorado; Taylor Jaworski, University of Colorado Boulder</td>
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### Session 262

**Chair:** Nathalie Williams, University of Washington  
**Discussant:** Victoria Sass, University of Washington  

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<td>Rainfall Variability and Risk of Infectious Diseases in Young Children: A Global Analysis</td>
<td>Anna Dimitrova*, University of California, San Diego; Sara McElroy, University of California, San Diego; Tarik Benmarhnia, University of California, San Diego; Morgan Levy, University of California, San Diego; Alexander Gershunov, University of California, San Diego</td>
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<td>262-1</td>
<td>The Impact of Heat Waves on Child Health in Africa</td>
<td>Kathryn Grace*, University of Minnesota, Twin Cities; Frank Davenport, University of California, Santa Barbara; Elizabeth Wrigley-Field, University of Minnesota, Twin Cities; Ruthie Burrows; Benjamin Zaitchik, Johns Hopkins University; Chris Funk, UC Santa Barbara</td>
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<td>262-2</td>
<td>People’s Perception of Climate Change and Adapation With Daily Living: Evidence From Ladakh Region, India</td>
<td>KACHO KHAN*; Aparajita Chattopadhyay, International Institute for Population Sciences</td>
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<td>262-3</td>
<td>Urban-Rural Differentials in Mortality Among Older Adults From Extreme Environmental Events</td>
<td>Catherine Talbot*, University of Colorado Boulder; Lori Hunter, University of Colorado Boulder; Dylan Connor, Arizona State University; Stefan Leyk, University of Colorado; Taylor Jaworski, University of Colorado Boulder</td>
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263 Are Generational Categories Meaningful Distinctions for Workforce Management?

**CHAIR:** Arne Kalleberg, University of North Carolina at Chapel Hill

*9:15 AM-10:30 AM — Open Water*

263-1 The Rising Attention to Generational Characteristics Within the Workforce  
Nancy Tippins*, The Nancy T. Tippins Group

263-2 Broad and Discrete Social and Economic Trends that are Affecting Work and Workers  
Arne Kalleberg*, University of North Carolina at Chapel Hill

263-3 The Limitations of Results from Such Research on Generational Characteristics in the Workforce  
Mo Wang*, University of Florida

263-4 Alternative Perspectives for Future Research  
Margaret Beier*, Rice University

263-5 Implications of the Report’s Findings for Employers and Workforce Management  
Chandra Childers*, Institute for Women’s Policy Research

264 Demography and Public Policy

**CHAIR:** Anna Gassman-Pines, Duke University  
**DISCUSSANT:** Linda Waite, University of Chicago

*9:15 AM-10:30 AM — Open Water*

264-1 Fifty Countries or One Country? The Role of U.S. States as Institutional Contexts for Understanding Educational Disparities in Mortality  
Mark Hayward*, University of Texas at Austin

264-2 Family and Societal Implications of the Protraction of Morbidity for Low-income Mexican-Origin Seniors  
Jacqueline Angel*, University of Texas at Austin

264-3 Gender, Families and Inequality During the COVID-19 Pandemic  
Jessica Calarco*, University of Indiana

265 Life Course Determinants of Cognitive Aging in Asia and South America

**CHAIR:** Hui Zheng, The Ohio State University  
**DISCUSSANT:** Neil Mehta, University of Texas Medical Branch

*10:45 AM-12:00 PM — Open Water*

265-1 What Doesn’t Kill You Makes You “Smarter”: The Long-Term Association Between Exposure to Epidemic and Cognition  
Hongwei Xu*, Queens College; Hong Zou, Southwestern University of Finance and Economics; Sha Wen, Southwestern University of Finance and Economics

265-2 Cognitive Function in the Context of Early-Life Wartime Stress Exposure: An Analysis of Cognitive Decline in a Cohort of Vietnamese Older Adults  
Kim Korinek*, University of Utah; Miles Kovnick, University of Utah; Zachary Zimmer, Mount Saint Vincent University; Bussarawan Teerawichitchainan, National University of Singapore; Yvette Young, University of Utah; Cao Long, Hanoi Medical University; Tran Khanh Toan, Hanoi Medical University

265-3 Life Course Determinants of Cognitive Function in Older Adults in Colombia  
Jennifer Ailshire*, University of Southern California; Margarita Osuna; Elkin Garcia, Pontificia Universidad Javeriana; Carlos Cano, Pontificia Universidad Javeriana

265-4 Own and Parents’ Schooling as Predictors of Cognitive and Physical Health at Older Ages: Findings From the Longitudinal Chilean Social Protection Survey  
Irma Elo*, University of Pennsylvania; Jere Behrman, University of Pennsylvania; David Bravo; Sneha Mani, University of Pennsylvania; Alejandro Sanchez Becerra

266 Intergenerational Relationships Across the Life Course

**CHAIR:** Keera Allendorf, Indiana University

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266-1 Intergenerational Solidarity, Proximity to Parents When Moving to Independence, and Returns to the Parental Home
Brian Gillespie*, University of Groningen; Lei Lei, Rutgers University

266-2 Transfers Between Parents and Their Adult Children in South Korea
Seik Kim*, Korea University

266-3 (Grand)Parental Support and Adult Children’s Transition to Parenthood in the United States
R. Rutigliano*, Groningen University; Léa Pessin, Pennsylvania State University; Marina Potter

266-4 On the Fence of a Family: Dynamics of Intergenerational Transfers, Contacts, and Support Between Parents and Adult Children in Stepfamilies
Jingying He*, University of Wisconsin-Madison

267 International Comparisons and the COVID-19 Pandemic: Case Studies

267-1 Is Exposure to the HIV Epidemic Associated With Preventive Behavior Strategies for COVID-19? Evidence From the Malawi Longitudinal Study of Families and Health
Sneha Lamba*, Johns Hopkins Bloomberg School of Public Health; Philip Anglewicz, Johns Hopkins University; Hans-Peter Kohler, University of Pennsylvania

267-2 The Impacts of Social Isolation in Brazil: Health-Economy Trade-offs
Alexandre Gori Maia*, University of Campinas; Leticia Marteleto, University of Texas at Austin; Cristina Rodrigues, University of Sao Paulo; Luiz Gustavo Sereno, State University of Campinas

267-3 Is More Always Better? In-Person and Online Interactions With Friends in South Korea During COVID-19
Hannah Tessler*, Meera Choi; Grace Kao, Yale University; Gwoun Jung, Kyung Hee University; Youngshin Lim, Seoul National University; Hyunjoon Park, University of Pennsylvania

267-4 COVID-19 Outbreak and Urban Dynamics: Regional Variations in India
Devarupa Gupta*, International Institute for Population Sciences

268 Race, Wealth, and Inequality

268-1 Racial Wealth Gap and Educational Debt Burden in Immigrant America
Lingxin Hao*, Johns Hopkins University

268-2 Unequally Indebted: The Transition to Adulthood in Uncertain Times
Rachel Dwyer*, Ohio State University; Laura DeMarco, North Carolina State University

268-3 The Enduring Significance of Ethnoracial Inequalities in Poverty in the United States, 1993–2017
Regina Baker*, University of Pennsylvania; David Brady, University of California, Riverside; Zachary Parolin, Deadrick Williams, University of Tennessee, Knoxville

268-4 Examining the Association Between Structural Racism in Employment and Birth Outcomes of Working-Age Black Women: Where Are the Labor Markets?
Tongtan Chantarat*, University of Minnesota School of Public Health; Kari Mentzer, University of Minnesota; David Van Riper, Minnesota Population Center, University of Minnesota; Rachel Hardeman, University of Minnesota School of Public Health

269 Intergenerational Mobility and the Role of Education

CHAIR: Kris Marsh, University of Maryland - College Park
### 269-1 The Impact of Parents’ Schedule Unpredictability on Children’s School Absences
*Kelly Quinn*, University of California, Berkeley

### 269-2 Schools as Active Equalizers: Variation in the Relationship Between School Spending and Achievement by Cohort Health at Birth
*Emily Rauscher*, Brown University; *Yifan Shen*, Brown University

### 269-3 The Intergenerational Effects of Head Start on Infant Health
*Esra Kose*, Bucknell University

### 269-4 The Long-Term Effects of Financial Aid Policy: Debt and Well-being in Adulthood
*Fabian Pfeffer*, University of Michigan; *Elizabeth Burland*, University of Michigan

### 270 Fathers and Families

**CHAIR:** Richard Petts, Ball State University  
**DISCUSSANT:** James Stykes, Sam Houston State University

#### 270-1 What’s the Use? Low Fertility and Fathers’ Use of Child Care Leave
*Mary Brinton*, Harvard University

#### 270-2 The Role of Flexible Working Arrangements in Facilitating Father Involvement
*Alina Ewald*

#### 270-3 Fathers in Repartnered Families and Child Behavior Problems
*Youngjin Chae*

#### 270-4 Father Connection and Support in Adulthood
*Christopher Soria*

### 271 Parenting Resources and Investments

**CHAIR:** Shannon Cavanagh, University of Texas at Austin  
**DISCUSSANT:** Inbar Weiss, University of Texas at Austin

#### 271-1 Intergenerational Transmission of Skill Cultivation and Emotional Warmth Parenting: The Role of Cultural Capital, Economic Capital, and Childhood Divorce Experience
*Boyan Zheng*, University of Wisconsin - Madison

#### 271-2 Substitute or Supplement? Parent Loans for Undergraduate Students (PLUS) and the Implications for Inequality
*Kennan Cepa*, University of Pennsylvania

#### 271-3 The Long-Term Consequences of a Golden Nest
*Viola Angelini*, University of Groningen; *Marco Bertoni; Guglielmo Weber*, University of Padua

#### 271-4 Mother’s Union Transitions, Closeness With Children, and Intergenerational Transfers in Later Life
*I-Fen Lin*, Bowling Green State University; *Anna Hammersmith*, Grand Valley State University

### 272 Traditional/Fertility Awareness–Based Methods

**CHAIR:** Sarah Bradley, Abt Associates  
**DISCUSSANT:** Jennifer Johnson-Hanks, University of California, Berkeley

#### 272-1 Before Pills and Injectables: Systematic Review of Drivers of Traditional Contraceptive Practice in Sub-Saharan Africa
*Justin DANSOU*, University of Ibadan, Nigeria; *Fidelia DAKE*, University of Ghana; *Robert Djogbenou*, Université de Montréal
Use of Fertility Awareness-Based Methods for Pregnancy Prevention Among Ghanaian Women: A Nationally Representative Survey
Chelsea Polis*, Guttmacher Institute; Easmon Otupiri, KNUST; Suzanne Bell, Johns Hopkins Bloomberg School of Public Health; Roderick Larsen-Reindorf, KNUST

The Role of Traditional Methods in Contraceptive Transitions: A Global Perspective
Vladimira Kantorova*, United Nations; Philipp Ueffing, United Nations Population Division; Aisha Dasgupta, United Nations Population Division; Mark Wheldon, United Nations Population Division

Traditional Methods of Contraception Revisited: Trends and Characteristics of Users of Periodic Abstinence
Nyovani Madise*, University of Southampton

Immigration and Fertility
CHAIR: Emilio Parrado, University of Pennsylvania
DISCUSSANT: Stephanie Bohon, University of Tennessee
10:45 AM-12:00 PM — Open Water

Recent Trends in Total Fertility and Measure of Fertility Replacement Level, Which Is Adjusted for Net Immigration
Nicholas Parr*, Macquarie University

Fertility Implications of Family-Based Regularizations
Catalina Amuedo-Dorantes*, University of California, Merced; Cristina Borra; Noelia Rivera Garrido, Loyola University

Socioeconomic Mediators of Immigrant Childbearing: The Direct and Indirect Effects of Age at Arrival
Ben Wilson*, Stockholm University; Maarten Bijlsma, Max Planck Institute for Demographic Research

A New Regime of Hispanic/Latina/o/x Teenage Childbearing? The Role of Demographic Shifts by Nativity and Region-of-Origin
Rhiannon Kroeger*, Louisiana State University; Reanne Frank, The Ohio State University; Elizabeth Wildsmith, Child Trends, Inc.

Influences on Gender-Based Violence in Low- and Middle-Income Countries
CHAIR: Anastasia Gage, Tulane University SPHTM/GCHB
DISCUSSANT: Mahua Mandal,
10:45 AM-12:00 PM — Open Water

Safer If Connected? Mobile Technology and Intimate Partner Violence
Luca Maria Pesando*, Department of Sociology and Centre on Population Dynamics, McGill University; Valentina Rotondi, University of Oxford

Social Support and Intimate Partner Violence in Rural Pakistan: A Longitudinal Investigation of the Bidirectional Relationship
Robin Richardson*, Columbia University; Lisa Bates, Columbia University; Precious Esie; Joanna Maselko, University of North Carolina

Gender Roles and Help-Seeking Among Women Experiencing Marital Violence in India
Harihar Sahoo*, International Institute for Population Sciences; Shireen Jejeebhoy, Population Council-India

The Dynamics of Human Rights Projects and Attitudes About Violence Against Women
Jeffrey Swindle*, University of Michigan

Health Effects of Despair, Isolation, and Stress
CHAIR: Andrew Cherlin, Johns Hopkins University
DISCUSSANT: Shannon Monnat, Syracuse University
10:45 AM-12:00 PM — Open Water

The Rise in Deaths of Despair and Unclaimed Bodies
Heeju Sohn*, Emory University; Stefan Timmermans, UCLA; Pamela Pricke, University of Amsterdam

The Demography of Despair
Timothy Roep*, New York University; Neil Bennett, CUNY Institute for Demographic Research; Cedilla Sachar, CUNY Institute for Demographic Research

Unmet Expectations and Despair Among White Americans
Deterioration of Cardiovascular Mortality in the United States, 2000–2018
Enrique Acosta*, Max Planck Institute for Demographic Research; Marcus Ebeling, Max Planck Institute for Demographic Research; Neil Mehta, University of Texas Medical Branch at Galveston; Mikko Myrskyla, Max Planck Institute for Demographic Research

Confronting our Eugenic Past: Critical Histories of Demography and the Population Association of America
CHAIR: Emily Merchant, University of California, Davis
DISCUSSANT: Dennis Hodgson, Fairfield University
10:45 AM-12:00 PM — Open Water

Eugenic Foundations of the Population Association of America
Carole McCann*

Social Demography and the Quest for a New Eugenics in the Twentieth Century United States
Edmund Ramsden*, Queen Mary University of London

Malthusian Fears in Current Migration Debates
Soumaya Majdoub*

Where Did Eugenics Go? A Ten-Year Update in History and Politics
Alison Bashford*

Unauthorized/Irregular Migration and Legalization/Regularization
CHAIR: Hamutal Bernstein, Urban Institute
DISCUSSANT: Juan Pedroza, University of California, Santa Cruz
10:45 AM-12:00 PM — Open Water

Deportability and System Avoidance Among Latino Immigrants: Evidence From the American Time Use Study
Asad Asad*, Stanford University

Mexican-Origin Children’s Educational Expectations and Performance: The Role of Mother’s Legal Status and Children’s Immigration Generation
Jeehye Kang*, Old Dominion University; Ingrid P. Whitaker, Old Dominion University

ICE Raids and Audits: The Effect of Immigration Enforcement Actions on Businesses
Pia Orrenius*, Federal Reserve Bank of Dallas; Madeline Zavodny, University of North Florida; Chloe Smith, Federal Reserve Bank of Dallas

Dana Smith*

Flash: Social Networks, Social Support, and Health
CHAIR: Emily Smith-Greenaway, University of Southern California
10:45 AM-12:00 PM — Open Water

Heterogeneities in Social Mixing Patterns in Rural and Urban Areas of Kenya
Emanuele Del Fava*, Max Planck Institute for Demographic Research; Irene Adema, KEMRI-Wellcome Trust Research Programme; Moses C. Kiti, Emory University; Piero Poletti, Fondazione Bruno Kessler; D. James Nokes, KEMRI-Wellcome Trust Research Programme; Stefano Merler, Fondazione Bruno Kessler; Piero Manfredi, University of Pisa; Alessia Melegaro, Bocconi University

Typologies of Dementia Caregiver Support Networks
Esther Friedman*, RAND Corporation; David Kennedy, RAND Corporation

How Older Widows’ Social Participation Changes Through the Bereavement Process
Jeremy Lim*, National University of Singapore

Close Social Networks Among Older Adults: The Online and Offline Perspectives
Sofia Gil-Clavel*, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research; Valeria Bordone, University of Vienna
278-5 Social Isolation and Physical Health From Adolescence to Mid-Adulthood
Kaitlin Shartle*, University of North Carolina at Chapel Hill; Kathleen Harris, Add Health - Carolina Population Center; Y. Claire Yang, University of North Carolina at Chapel Hill

278-6 Multiplatform Social Media Use: Little Evidence of Impacts on Adult Well-being
Sophie Lohmann*, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research

278-7 Age Differences in Links Between Social Media Use and Mental Health: Results From a National Sample of U.S. Adults
Xi Zhu*

279 Flash: Religion and Demography

CHAIR: Jacques Emina, University of Kinshasa
10:45 AM-12:00 PM — Open Water

Dingeman Wiertz*, University College London; Chaeyoon Lim, University of Wisconsin - Madison

Laura Upenieks*; Yingling Liu, Baylor University

279-3 Saving Grace? Religious Ecology and Deaths of Despair
Christopher Seto*

279-4 Religious Fertility During and After the Great Recession: Are the Religious Less Affected by Economic Uncertainty?
Laurie DeRose*, The Catholic University of America; Catherine Pakaluk, The Catholic University of America

279-5 The Decline in Faith and the Fertility Downswing in Spain
Ryohei Mogi*, Centre d’Estudis Demogràfics; Vegard Skirbekk, IIASA

279-6 The Paradox of Change: Religion and Fertility Decline in South Korea
Sam Hyun Yoo*, Dongguk University; Victor Agadjanian, University of California Los Angeles

280 The Demography of Race and Ethnicity in Latin America

CHAIR: Leticia Marteleto, University of Texas at Austin
DISCUSSANT: Landy Sanchez, El Colegio de Mexico
10:45 AM-12:00 PM — Open Water

280-1 Changes in Women's Education and Marriage Markets in Latin America
Daniela Urbina*, Princeton University

280-2 Measuring Durable Inequalities With Contested Categories: Race and Ethnicity in Census and Surveys in Contemporary Latin America
Graziella Moraes*, Graduate Institute of Geneva

280-3 Race and Pandemic in Latin America: Unresolved Inequalities of Afro-Descendants in Times of COVID-19
John Sanchez*, Instituto de Altos Estudios Nacionales

280-4 Indigenous Population, Gender and Inequalities in Latin America
Marta Azevedo*, UNICAMP