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
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<td>P2 Applied Demography; Migration and Immigration; and Spatial and Environmental Demography</td>
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<td>53 Cross-National Comparisons of Aging</td>
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<td>54 Health in Later Life: Patterns and Pathways</td>
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<td>55 Racial and Ethnic Variation in the Determinants of Child Well-being</td>
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<td>56 Applied Bayesian Demography</td>
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<td>57 Families, Social Class, and Intergenerational Mobility</td>
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<td>59 Families and Public Policy</td>
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<td>60 Flash: Families and Time Use</td>
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<td>61 Understanding Contraceptive Behavior in Low- and Middle-Income Countries</td>
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<td>62 Assessing Fertility Transitions and Variations for Programmatic Implications</td>
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<td>63 Policy Responses to Low Fertility</td>
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<td>64 Demographic Perspectives on Chronic Pain and Opioids</td>
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<td>65 Smoking, Health, and Mortality</td>
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<td>66 Using Place to Understand Race/Ethnicity and Racialization</td>
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<td>67 Natural Disasters and Migration in the United States</td>
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<td>68 Access and Quality of Care in Neonatal Health</td>
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<td>69 Flash: Race and Economic Inequality</td>
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<td>70 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>4:00 PM — 5:15 PM</td>
<td>71 Biodemography of Aging and the Life Course</td>
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<td>72 Racial Disparities in Aging: Patterns and Determinants</td>
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<td>73 Period and Cohort Effects on Child/Adolescent Health and Adjustment</td>
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<td>74 Consequences of COVID-19</td>
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<td>75 Education-Related Inequalities: K-12, College, and the World of Work</td>
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Poverty and Economic Security — *Open Water*

Family Change in Comparative Perspective — *Open Water*

New Methods in Family Demography — *Open Water*

Childbearing Postponement and Low Fertility — *Open Water*

Menstrual Health and Reproductive Behaviors — *Open Water*

Quality of Family Planning and Reproductive Health Programs — *Open Water*

Health Disparities in a Global Context — *Open Water*

Place and Health in Europe: Looking Across and Within Countries — *Open Water*

Origin and Contextual Influences on Migration-Climate Connections — *Open Water*

Global Perspectives on Aging — *Open Water*

Lifespan Inequalities Around the Globe — *Open Water*

Racism, Xenophobia, and Nativism — *Open Water*

Open-Source Demography — *Open Water*

**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

Environmental Influences on Aging — *Open Water*

Neighborhoods, Health, and Well-being in Later Life — *Open Water*

Social Stress and the Health of Children and Adolescents — *Open Water*

Debate and Innovation in Global Population and Health Methods and Metrics — *Open Water*

Family and Work: Work Schedules, Schedule Control, and Gender Inequality at Work and Home — *Open Water*

Wealth and Debt Disparities — *Open Water*

Intergenerational and Comparative Perspectives on Work and Family — *Open Water*

Access to Medication Abortion — *Open Water*

International Intervention to Improve Women’s Sexual Health—Experimental Evidence — *Open Water*

Infectious Disease and Reproductive Health — *Open Water*

Biomarker Applications to Population Health Research — *Open Water*

The Demography of Race and Racism in the American Past — *Open Water*

Impact of Immigration Status on Migration Behavior — *Open Water*
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<td>103</td>
<td>Social Determinants of Child Health</td>
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<td>104</td>
<td>Racism, White Supremacy, and Demography</td>
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<td>Spatial Demography and Censuses Around the Globe</td>
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<td>COVID-19 and Africa’s Demography</td>
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**10:45 AM — 12:00 PM**

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<td>Education, Income, and Well-being in the Global Context</td>
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<td>Flash: Public Policy and Child Well-being</td>
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<td>Data: Beyond the Analysis</td>
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<td>Issues on Both Our Borders: Migration and Politics Between Mexico and the United States</td>
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**1:00 PM — 2:15 PM**

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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; Spica 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
Kahlil 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
Matthew 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, University of Kentucky
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,

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, Howard Kress, Centers for Disease Control and Prevention; Andrés Villaveces, 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

#### 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 Predominantly Minority Sample Attending a Predominantly White Institution (PWI)

Faith Deckard*, University of Texas at Austin; Andrew Messamore, University of Texas at Austin; Bridget Goeosby, 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

#### 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; Collette 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

#### 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 Vandenburg](*), 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 Barbenchon*, 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
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<td>The Protective Effects of Informal Care Receipt on Physical and Mental Health Among Older People in China</td>
<td>Yixiao Wang*, King’s College London</td>
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<td>The Effects of Opioids on Labor Market Outcomes and Use of Social Security Disability Insurance (SSDI)</td>
<td>Adibah binti Abdulhadi*</td>
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<td>(Healthy) Aging Patterns in Europe: A Multistate Health Transitions Approach</td>
<td>Aida Solé-Auro*, Universitat Pompeu Fabra; Jordi Guma</td>
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<td>Close Family Member Deaths and Physical Health Among American Young Adults</td>
<td>Kaitlin Shartle*, University of North Carolina at Chapel Hill; Robert Hummer, Carolina Population Center; Debra Umberson, University of Texas at Austin</td>
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<td>P1-12</td>
<td>Take a Sad Song and Make It Better: Spousal Activity Limitations, Caregiving, and Depressive Symptoms Among Couples</td>
<td>Sae Hwang Han*, University of Texas at Austin; Kyungmin Kim, Seoul National University; Jeffrey Burr, University of Massachusetts Boston</td>
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<td>The Perception Among Medication-Adherent Elderly Individuals That Stopping HIV Treatment Means Death</td>
<td>Ifeolu David*, University of Missouri; Enid Schatz, University of Missouri, Columbia; Tyler Myroniuk, University of Missouri; Nicole Angotti, American University; Sanyu Mojola, Princeton University</td>
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<td>An Actor-Partner Interdependence Model of Depressive Symptoms and Body Mass Index Among Chinese Older Couples</td>
<td>Tingshuai Ge*, Xi<code>an Jiaotong University; Yating Xie, Henan Agricultural University; Quanbao Jiang, Xi</code>an Jiaotong University</td>
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<td>Financial Difficulties and Gender as Moderators of How Workforce Involvement and Transitions Affect the Health of Older Europeans</td>
<td>Jason Settels*, University of Luxembourg</td>
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<td>Duygu Basaran Sahin*, CUNY Institute for Demographic Research</td>
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<td>Disability-Free Life Expectancy in the Older English Population, 2002–2016: The Importance of Distinguishing Severity Levels of Disability</td>
<td>Benedetta Pongiglione, Bocconi University; PAOLA ZANINOTTO*; Bianca De Stavola, University College of London; George Ploubidis, UCL Centre for Longitudinal Studies</td>
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<td>Sarah Petry*, Duke University</td>
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<td>Effects of California’s Paid Family Leave on Older Adults</td>
<td>Joelle Abramowitz*, University of Michigan; Marcus Dillender, University of Illinois at Chicago</td>
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<td>Causal Effects of Fertility on Life Course Outcomes Among Older Adults: Evidence From a Novel Genetic Instrumental Variable Approach</td>
<td>Boyan Zheng*, University of Wisconsin - Madison; Qiongshi Lu, University of Wisconsin - Madison; Jason Fletcher, University of Wisconsin - Madison</td>
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<td>Inequalities Over the Life Cycle: The Role of Welfare and Family Dynamics</td>
<td>Dalila De Rosa, Ministry of Economy and Finance; Matteo Migielli; Chiara Pronzato*, University of Turin</td>
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<td>Examining the Association Between Cytomegalovirus and Disability by Race/Ethnicity and Gender</td>
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<td>Age-Period-Cohort Effects in Multimorbidity: Evidence From the English Longitudinal Study of Ageing Data</td>
<td>Kamila Kolpashnikova*, University of Oxford; Sara Zella, University of Oxford</td>
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<td>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</td>
<td>Angelo Lorenti*, Max Planck Institute for Demographic Research; Mikko Myrskyla, Max Planck Institute for Demographic Research</td>
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<td>Living Arrangements and Potential Support of Older Adults in Africa</td>
<td>Lara Cleveland*, University of Minnesota</td>
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<td>Association Between Graves’ Disease and Alzheimer’s Disease: Evidence From the Medicare System</td>
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P1 -27 Hashimoto Thyroiditis and Alzheimer’s Disease: Evidences From the Medicare System

Stanislav Kolpakov Nikin*, Duke University; Arseniy Yashkin, Duke University; Igor Akushevich, Duke University

P1 -28 Spacing Critical Events and Life Satisfaction

Chiara Ludovica Comolli*, University of Lausanne; Danilo Bolano, University of Lausanne; Laura Bernardi, University of Lausanne; Marieke Voorpostel, FORS

P1 -29 Role of Health and Occupation Switch on Retirement of American Midlife Workers

Yun Taek Oh*, Minnesota Population Center & University of Minnesota

P1 -30 Support for Older Parents From Nonresident Children in Three Provinces of Vietnam

MINH NGUYEN; MINH NGUYEN*

P1 -31 The Role of Communities of Residences on Older Mexican Adults’ Likelihood of High Depressive Symptoms

Paige Downer*

P1 -32 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

P1 -33 Partnership Status and Social Connections Among Older Adults: Are There Cohort Differences?

Won Choi*

P1 -34 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 Settels, University of Luxembourg; Louis Chauvel*, University of Luxembourg

P1 -36 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

P1 -37 Disease Exposure in Early Life Affects Female Reproduction

Ingrid van Dijk, Lund University; Therese Nilsson, Lund University; Luciana Quaranta*, Lund University

P1 -38 Multidimensional Heterogeneity and the Black-White Mortality Crossover

Casey Breen*, University of California, Berkeley

P1 -39 Self-perceived Risk of HIV Acquisition in Community-Dwelling Older Adults in South Africa

Makandwe Nyirenda*, South African Medical Research Council; Jayanghie Naidoo, South African Medical Research Council; Paul Kowal, World Health Organization; Joel Negin, The University of Sydney

P1 -40 A Dyadic Analysis of the Intergenerational Transmission of Cognitive Schemas and Health Consequences

Eric Klopack*, Ronald Simons, University of Georgia

P1 -41 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?


P1 -42 Well-being Adjusted Health Expectancy—A New Summary Measure of Population Health

Magdalena Muszynska-Spielauer*, Marc Luy, Vienna Institute of Demography

P1 -43 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

P1 -44 Education, Marriage, and Old Age Outcomes

Prasanthi Ramakrishnan*, Washington University in St. Louis

Neuropsychiatric Behavior Disturbances and Mortality for Older Mexican Americans
Phillip 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
María 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 Zanotto*, 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 Beltran-Sanchez, 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
P1 -82 Which American States Are Managing COVID-19 Mortality Like Canadian Provinces and Why?
Tyler Myroniuk*, University of Missouri; Michelle Tety, 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; Changshen 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
P1 -102 Formal and Informal Healthcare Use in Urban Slums of Nigeria
Olufunke Fayehun*, University of Ibadan; Motunrayo Ajsola, University of Ibadan; Olalekan Uthman, University of Warwick; Oyinlola Oyebode, University of Warwick; Abiola Oladejo, University of Ibadan; Eme Owoaje, University of Ibadan; Olalekan Taiwo, University of Ibadan; Oladayin Odubanjo, Nigerian Academy of Science; Richard Lilford, University of Birmingham; Akinyinka Omigbodun, University of Ibadan

P1 -103 The Spectrum of Reproductive Loss and Its Relationship to Measurement of Early Life Mortality
Payal Hathi*, UC Berkeley

P1 -104 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

P1 -105 The Effect of Droughts on Healthcare Expenditure in Rural India
Divya Pandey*, University of Minnesota

P1 -106 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

P1 -107 Racial/Ethnic and Gender Disparities in Changing Suicide and Mortality Rates Among U.S. Children, 1999–2018
Ronan 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

P1 -108 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

P1 -109 Place-Based Inequalities in Persistent Midlife Mortality Risk Across Levels of Rurality and Poverty
Jessica Miller*, Pennsylvania State University

P1 -110 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

P1 -111 Black-White Differences in the Association Between Psychological Distress and Mortality
Yan-Liang Yu*, Howard University

P1 -112 Spatial Patterns of Increase in Mortality of Midlife Americans
Amin Etemadifar*

P1 -113 How to Retire for Better Health: Directly From Full-Time Work or via Partial Retirement?
Masaaki Mizuochi*, Nanzan University

19 Aging in the COVID-19 Era

CHAIR: Yingling Liu, Baylor University
DISCUSSANT: Iliana Kohler, University of Pennsylvania

10:45 AM-12:00 PM — Open Water

19-1 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

19-2 The Impact of the COVID-19 Pandemic on Older People’s Depression: The Role of Nonphysical Contacts
Bruno Arpino*, University of Florence; Marta Pasqualini, Università di Pompeo Fabra; Valeria Bordone, University of Vienna; Aida Solé-Auró, Universitat Pompeu Fabra

19-3 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

19-4 Age and COVID-19 Mortality: A Comparison of Gompertz Doubling Time Across Countries and Causes of Death
Isaac Sasson*, Tel Aviv University
20  Socioeconomic and Geographic Disparities in Later Life

CHAIR: Marc Garcia, University of Nebraska-Lincoln
DISCUSSANT: David Warner, University of Alabama at Birmingham

10:45 AM-12:00 PM — Open Water

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
Arseniy 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

21  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

10:45 AM-12:00 PM — Open Water

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 and the Health of Left-Behind Adolescents in Nepal
Dirgha Ghimire*, University of Michigan; Amit Anshumali, University of Chicago; Emily Treleaven, University of Michigan

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

22  Bayesian Demography II

CHAIR: Monica Alexander, University of Toronto
DISCUSSANT: Niamh Cahill,

10:45 AM-12:00 PM — Open Water

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

23  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?
Rebecca 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, University of Kentucky  
**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 Augustin*e, University of South Carolina; Jaeseung Kim, University of South Carolina; Mina Lee

#### 25-4 Mothers' Nonstandard Work Schedules, Economic Hardship, and Children's Development
Afshin 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 Alderotti*, University of Florence; Cecilia Tomassini, Università degli studi del Molise; Daniele Vignoli, University of Florence

#### 26-2
27 COVID-19 and Fertility

CHAIR: Karina Shreffler, Oklahoma State University
DISCUSSANT: Alison Gemmill, Johns Hopkins Bloomberg School of Public Health

10:45 AM-12:00 PM — Open Water

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 Guazzo, 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, Insitutut Superierur Des Science 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 Dommermuth, 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

10:45 AM-12:00 PM — Open Water

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

### 29 Criminal Justice, Violence, and Health

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

10:45 AM-12:00 PM — Open Water

| 29-1 | Selected, Scarred, and Strengthened: The Postwar Survival of World War I Prisoners of War | Evan Roberts*, University of Minnesota; Amy Verrando, University of Minnesota |
| 29-2 | Mass Shootings and Infant Health in the United States | Tushar Bhara*, University of Western Australia; Rakesh Banerjee, University of Exeter |
| 29-3 | The Uneven Spillover Effects of Police Violence: Mapping the Relationship Between Police Shootings and Racialized Stress | Hajar Yazdiha*, University of Southern California; Courtney Boen, University of Pennsylvania |
| 29-4 | The Consequences of Medicaid Expansion Under the Affordable Care Act for Police Arrests | Jessica Simes*, Boston University; Jaquelyn Jahn, Harvard T.H. Chan School of Public Health |

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

**CHAIR:** Shannon Monnat, Syracuse University

10:45 AM-12:00 PM — Open Water

| 30-1 | Rural-Urban Differences in Lifespan Variation in the United States | Benjamin Walker*, Mississippi State University; Dustin Brown, Mississippi State University |
| 30-2 | State-Level Trends in Lifespan Variability in the United States, 1960–2014 | Dustin Brown*, Mississippi State University; Joseph Lariscy, University of Memphis; Benjamin Walker, Mississippi State University |
| 30-3 | Racial and Geographic Disparities in U.S. Life Expectancy: Analysis of Time Trends and Disease Contributions Using Multiple Cause of Death and Medicare Data | Igor Akushevich*, Duke University; Arseniy Yashkin, Duke University; Julia Kravchenko, Duke University School of Medicine |
| 30-4 | Power to the People: Power Resources and the Health of States | Megan Reynolds, University of Utah; Patricia Homan, Florida State University; Zachary Franzoni*, University of Utah |
| 30-5 | U.S. State Differences in Rates of Labor Induction, 1990–2015 | Andrea Tilstra*, University of Colorado Boulder; Zachary Cramer, Daniel Simon, University of Colorado Boulder; Ryan Masters, University of Colorado Boulder |
| 30-6 | State-Level Social Safety Nets and THEIR INFLUENCE on Rising U.S. Suicide Mortality | Daniel Simon*, University of Colorado Boulder |
| 30-7 | Heart Failure Mortality, Incidence, Prevalence, and Survival in the United States: Analysis of Geographic Disparities Among Older Adults Using Medicare Data | Bin Yu*, Duke University; Igor Akushevich, Duke University; Julia Kravchenko |
| 30-8 | Decomposing the Rural-Urban Obesity Gap Over Time in the United States | Josefina Flores Morales, University of California, Los Angeles/ California Center for Population Research; Emma Zang, Yale University; Liying Luo, Pennsylvania State University; Drishi Baid*, Duke University |

### 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

10:45 AM-12:00 PM — Open Water

| 31-1 | Hitting Closer to Home: State Policies’ Impacts on Immigrant Health |
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 Sudhinareaset*, 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; Devile 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
10:45 AM-12:00 PM — Open Water

32-1 A “BreXodus”? 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 Vitall, 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
10:45 AM-12:00 PM — Open Water

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
10:45 AM-12:00 PM — Open Water
34-1  A Computational View of the Field of Demography  
Giovanna Merli*, Duke University; James Moody, Duke University; Ashton Verdery, Penn State; Mark Yacoub, Duke University

34-2  History Matters: Path Dependence and Global Fertility Trends  
Alfonso Carballo*, Bocconi University

34-3  Making Marriage Markets? Economic Mythology and Demography  
Sophie Moulin*, Princeton University

34-4  Autochthonous Languages and Post-National Fertility in Western and Central Europe  
Alexander Weinreb*, University of Texas at Austin

35  Assessing the Quality of the 2020 Census  
CHAIR: William O’Hare, O’Hare Data and Demographic Services, LLC.

10:45 AM-12:00 PM — Open Water

35-1  Representing the U.S. Census Bureau  
Ron Jarmin*, U.S. Census Bureau

35-2  The History of Assessing Census Quality  
Howard Hogan*, U.S. Census Bureau (Retired)

35-3  Interpretation and use of Census Quality Measures  
Constance Citro*, Committee on National Statistics

35-4  Coverage of Children  
William O’Hare*, O’Hare Data and Demographic Services, LLC

36  Life Course Connections and Well-being  
CHAIR: Joseph Clark, University of Wisconsin–Madison
DISCUSSANT: Won-tak Joo, University of Wisconsin–Madison

1:00 PM-2:15 PM — Open Water

36-1  Social Isolation, Loneliness, and Health: Evidence From a Large-Scale Survey  
Christian Joy Cruz*, University of the Philippines

36-2  Family Member Death, Social Isolation, and Cardiometabolic Health: Racial Disadvantage in the United States  
Rachel Donnelly*, Vanderbilt University; Debra Umberson, University of Texas at Austin

36-3  Gaining Faith, Losing Faith: How Education Shapes the Relationship Between Religious Transitions and Later Depression  
Laura Upenieks; Patricia Thomas *, Purdue University

36-4  Concentration of Critical Events Over the Life Course and Life Satisfaction Later in Life  
Chiara Ludovica Comolli*, University of Lausanne; Danilo Bolano, University of Lausanne; Laura Bernardi, University of Lausanne; Marieke Voorpostel, FORS

37  Intergenerational Relationships and Health  
CHAIR: Connor Sheehan, Arizona State University
DISCUSSANT: Jacqueline Torres, UCSF
DISCUSSANT: Jenjira Yahirun, Bowling Green State University

1:00 PM-2:15 PM — Open Water

37-1  The Structural Inequity of Intergenerational Transmission of Healthy Life Expectancies  
Heeju Sohn*, Emory University

37-2  Children’s Attainment of Adult Statuses and Health of Aging Parents  
Anna Hammersmith*, Grand Valley State University; Xing Zhang, Arizona State University

37-3  Causal Effect of Adult Children’s Education on Parental Longevity in the United States: An Intergenerational Mendelian Randomization Approach  
Patrick Praeg*, University of Oxford; Felix Tropf, University of Oxford; Christiaan Monden, University of Oxford
38 Social, Economic, and Demographic Consequences of COVID-19

CHAIR: Marcia Castro, Harvard University
DISCUSSANT: Marília Nepomuceno, Max Planck Institute for Demographic Research
1:00 PM-2:15 PM — Open Water

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
Florence Torche*, Stanford University; Jenna Nobles, 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 Domingues, CEDEPLAR; Aline Magalhaes, CEDEPLAR; Monique Felix, CEDEPLAR; Reinaldo Santos, CEDEPLAR; Jeferson Andrade, Statistics Dept/UFMG; Thago 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
1:00 PM-2:15 PM — Open Water

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
1:00 PM-2:15 PM — Open Water

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
41 Family Economic (Dis)Advantage and Child Outcomes

CHAIR: Regina Baker, University of Pennsylvania
DISCUSSANT: Kristin Perkins, Georgetown University

1:00 PM-2:15 PM — Open Water

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; Dylan Bellisle*

42 Union Dissolution Consequences

CHAIR: Adriana Reyes, Cornell University
DISCUSSANT: Susan Brown, Bowling Green State University

1:00 PM-2:15 PM — Open Water

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

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Yunlin Li*, Katie McMahon, University of North Carolina-Chapel Hill; Bethany Stoutamire, University of North Carolina, Chapel Hill; Ann Suk

P2-83  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

P2-85  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

P2-86  Educational Differences in Cycling: Evidence From German Cities  
Ansgar Hudde*

P2-87  Developing a Global Living Standards Measure Using Census Microdata  
Rodrigo Lovaton*, University of Minnesota; Sula Sarkar, University of Minnesota

P2-88  Daily Dynamics of Income and Racial Spatial Segregation in U.S. Cities  
Cody Reed*

P2-89  Geographic Isolation and Flood-Related Vulnerability in Peru  
Hugh Roland*, University of Wisconsin–Madison; Kristen Malecki; Katherine Curtis, University of Wisconsin–Madison

P2-90  Identifying Underutilized Data Sources to Research the Effect of Place and Policies on Immigrant Health  
Chenoa Allen*, University of Missouri

P2-91  Examining the Link Between Distances From Local Food Centers and Child Health in Tanzania  
Oforiwaa Pee Agyei-Boakye*, University of Minnesota-Twin Cities

P2-92  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

P2-93  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

P2-94  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
Mathew 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 Arbee*, Duke University; Bill Wrobleski, Duke University; Anatoliy Yashin, Duke University

Labor Force Participation in the Twenty-First Century
Aditi 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 Willkie*; Jennifer Ailshire, University of Southern California

When More Is Not Better: Number of Children and Health Among Older Adults in 20 Countries
Radosław Antczak*, SGH Warsaw School of Economics; Neokhia 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
Illya 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-Olive, 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 Sociodemographic 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

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**56**  Applied Bayesian Demography  
**CHAIR:** Monica Alexander, University of Toronto  
**DISCUSSANT:** Carl Schermertmann, 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

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**57**  Families, Social Class, and Intergenerational Mobility  
**CHAIR:** Jayanti Owens, Brown University  
**DISCUSSANT:** Lauren Gaydosh, Vanderbilt University  
**2:30 PM-3:45 PM — Open Water**

**57-1**  Multidimensional Intergenerational Mobility  
Jason Fletcher, University of Wisconsin–Madison; Katie Jaitner*, 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

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**58**  Poverty and Social Policy  
**CHAIR:** Christopher Wimer, Columbia University  
**DISCUSSANT:** Maggie Thomas, Columbia University
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<td>Megan Bea*, University of Wisconsin-Madison; Mariana Amorim, Washington State University; Terri Friedline, University of Michigan</td>
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<td>Effects of Welfare Reform on Food Insecurity Across Generations</td>
<td>Hope Corman*, Rider University; Dhaval Dave, Bentley University; Ofira Schwartz-Soicher, Princeton University; Nancy Reichman, Robert Wood Johnson Medical School</td>
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<td>Do Federal Place-Based Policies Improve Economic Opportunity in Rural Communities?</td>
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<td>Measuring Family Policy Indicators and the Effects on Women’s Labor Force Outcomes</td>
<td>Brigid Cotter*</td>
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<td>Quasi-Experimental Evidence on the Effects of Expanding Temporary Assistance for Needy Families (TANF) Cash Assistance</td>
<td>Matthew Freedman, University of California Irvine; Yoonjung Kim*, University of California Irvine</td>
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<td>Silenced: Consequences of the Nuisance Property Ordinances</td>
<td>Aria Golestani*</td>
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<td>Intrahousehold Property Ownership and Children’s Outcomes in China</td>
<td>Emma Zang, Yale University; Qinyou Hu*; Zitong Wang, The Chinese University of Hong Kong</td>
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<td>Gender Gaps in Child and Adolescent Time Use: A Cross-National Comparison</td>
<td>Pablo Gracia*, Trinity College Dublin; Joan Garcia Roman, Centre d'Études Demographiques; Tomi Oinas, University of Jyväskylä; Timo Anttila, University of Jyväskylä</td>
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<td>Time Use Activities and Mental Health of Adolescent Girls and Boys in India</td>
<td>Nancy Luke, Pennsylvania State University; Ashley Larsen Gibby*, Penn State University</td>
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<td>Time Spent With Caregivers and Adolescent Stress: A Biosocial Approach</td>
<td>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</td>
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<td>60-4</td>
<td>Inequality in Parental Time With Children: Trends by Gender and Education Between 1961–2011 Across 20 Countries</td>
<td>Nicoletta Balbo*, Bocconi University; Alessandra Casarico, Bocconi University; Alessandro Sommacal, University of Verona; Evrim Altintas, Oxford University</td>
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<td>Parental Time Investments in Children Through Childhood</td>
<td>Jocelyn Wikle*, Brigham Young University; Clara Wilson, Brigham Young University</td>
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<td>60-7</td>
<td>Gender Differences in Response to a Paid Parental Leave Policy: A Sequence Analysis of Administrative Time-Keeping Records</td>
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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: Vladimira 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, Université de Montréal; 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 Lappegard*, University of Oslo; axel 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
Does Skin Color Affect Educational and Labor Market Outcomes in the United States?  
Mauricio Bucca*, Cornell University

Education-Occupation Mismatch and Social Networks for Hispanics in the United States: Role of Citizenship  
Kusum Mundra*, Rutgers University Newark; Fernando Rios-Avila Levy Institute

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

CHAIR: Holly Reed, CUNY Institute for Demographic Research

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Issues and Innovations in Population Data Collection and Measurement: Registration and Administrative Data  
Sarah Staveteig Ford*, U.S. Department of State

Issues and Innovations in Population Data Collection and Measurement: Survey Data  
Gabriela Sanchez-Soto*, Rice University

Issues in Research Design and Analysis of Migrant Integration: Displacement Under a Population Lens  
Fernando Riosmena*, University of Colorado Boulder

Issues in Research Design and Analysis of Migrant Integration: Resiliency of the Vietnamese Community After Katrina  
Mark VanLandingham*, Tulane University

Future Directions for Research and Practice  
Katharine Donato*, Georgetown University

Critical Next Steps During and After the Pandemic  
Ellen Kraly*, Colgate University

Biodemography of Aging and the Life Course

CHAIR: Y. Claire Yang, University of North Carolina at Chapel Hill
DISCUSSANT: Ryan Masters, University of Colorado Boulder

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Who Makes It to the Frontier of Survival? Another Look at the Plasticity of Human Aging  
Jesus-Adrian Alvarez*, Interdisciplinary Centre on Population Dynamics, University of Southern Denmark; Anthony Medford, University of Southern Denmark; Cosmo Strozza, University of Southern Denmark

Evaluating Trends in Incidence of Alzheimer’s Disease Using Biodemographic Models of Health and Aging  
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

Modeling Biological Age and Its Link With the Aging Process  
Hiram Beltrán-Sánchez*, University of California, Los Angeles; Yiying Huangfu, University of Wisconsin-Madison; Mary McEniry, University of Wisconsin-Madison; Alberto Palloni, University of Wisconsin-Madison

Racial and Ethnic Disparities in Kidney Functioning Among Older Adults in the United States: Health and Retirement Study  
Erfei Zhao*, Margarita Osuna; Jennifer Ailshire, University of Southern California; Jung Ki Kim; Eileen Crimmins, University of Southern California

Racial Disparities in Aging: Patterns and Determinants

CHAIR: Courtney Boen, University of Pennsylvania
DISCUSSANT: Alexis Dennis, University of North Carolina at Chapel Hill

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Losing Partners as a Process: A Matching Study on the Long-Term Economic Consequences of Widowhood  
Zachary Van Winkle*, University of Oxford; Thomas Leopold, University of Cologne

Sibling Deaths Across Mid- to Late Life, Racial Disadvantage, and Dementia  
Hyungmin Cha*, University of Texas at Austin; Patricia Thomas, Pitzer University; Debra Umberson, University of Texas at Austin
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; Tuate 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 Cohort 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
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<td>Investment Strategies in Children’s College Education: Characteristics and Underlying Mechanisms</td>
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<td>Jayanti Owens*, Brown University</td>
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<td>DISCUSSANT: Megan Curran,</td>
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<td>76-1</td>
<td>Avoiding Material Hardship: The Buffer Function of Wealth</td>
<td>Richard Rodems*, University of Michigan; Fabian Pfeffer, University of Michigan</td>
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<td>76-2</td>
<td>Schedule Unpredictability and the Use of High-Cost Financial Services: The Case of Service Workers</td>
<td>Mariana Amorim*, Washington State University; Daniel Schneider, University of California, Berkeley</td>
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<td>76-3</td>
<td>SNAP Work Requirement and Food Insecurity</td>
<td>Debasmita Das*, Purdue University</td>
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<td>76-4</td>
<td>Poverty and Employer Power: The Effect of Poverty on the Mobility of Low-Wage Workers</td>
<td>Michael Schultz*, University of Texas at Austin</td>
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<td>77</td>
<td>Family Change in Comparative Perspective</td>
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<td>CHAIR: Luca Maria Pesando, Department of Sociology and Centre on Population Dynamics, McGill University</td>
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<td>DISCUSSANT: Ariane Ophir, University of Wisconsin–Madison</td>
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<td>77-1</td>
<td>The Rise of Sonless Families in Asia and North Africa</td>
<td>Roshan Pandian*, Grinnell College; Keera Allendorf, Indiana University</td>
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<td>77-2</td>
<td>Rising Global Levels of Intergenerational Coresidence Among Young Adults</td>
<td>Albert Esteve-Palos*, Centre d’Estudis Demogràfics; David Reher, Universidad Complutense de Madrid</td>
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<td>77-3</td>
<td>The Changing Polygyny-Fertility Association in Sub-Saharan Africa</td>
<td>Sophia Chae*, University of Montreal; Victor Agadian, University of California Los Angeles</td>
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<td>77-4</td>
<td>Living Arrangement and Chronic Loneliness at Older Ages: A Comparative Study in Europe</td>
<td>Shiro Furuya*, University of Wisconsin-Madison; James M Raymo, Princeton University; Ryohel Mogi, Centre d’Estudis Demogràfics</td>
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<td>New Methods in Family Demography</td>
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<td>CHAIR: Mine Kuehn, Max Planck Institute for Demographic Research</td>
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<td>DISCUSSANT: Sarah Patterson, University of Michigan</td>
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<td>78-1</td>
<td>Gestational Age and Siblings’ Literacy: Spillover Effects in the Family</td>
<td>David Mallinson*, University of Wisconsin–Madison; Felix Elwert, University of Wisconsin-Madison; Deborah Ehrenthal, University of Wisconsin–Madison</td>
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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

79 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*, Hanyang University

80 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 OlaOlorun, University of Ibadan, Ibadan, Nigeria; Elizabeth Omoluabi, 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

81 Quality of Family Planning and Reproductive Health Programs
CHAIR: Lindsay Mallick, University of Maryland
DISCUSSANT: Mai Do, Tulane University School of Public Health
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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; Dickens Onyango, Kisumu County Health Department
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

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

Association of the Delaware Contraceptive Access Now (DeCAN) 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

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
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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

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

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

Place and Health in Europe: Looking Across and Within Countries
CHAIR: Margaret Hicken, University of Michigan
DISCUSSANT: Lindsay Kobayashi, University of Michigan
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Visualizing Late-Life Depression Prevalence With a Cohort-Based Age-Period-Cohort Model: Analysis of Six European Countries, 2004–2017
Octavio Bramajo*

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

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

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

Origin and Contextual Influences on Migration-Climate Connections
CHAIR: Uriel Lomelí-Carrillo, University of Texas at San Antonio
DISCUSSANT: Jack DeWaard, University of Minnesota, Twin Cities
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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 (IUIAS, VID/OAW, 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

Climate-Induced Migration and Unemployment in Middle-Income Africa
### Global Perspectives on Aging

**CHAIR:** Leafia Ye, University of Wisconsin–Madison  
**DISCUSSANT:** Sung Park, Harvard  
**DISCUSSANT:** Rhiannon Miller, Johns Hopkins University  

#### 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  

### Lifespan Inequalities Around the Globe

**CHAIR:** Andrea Nigri, Sapienza University  
**DISCUSSANT:** Marília Nepomuceno, Max Planck Institute for Demographic Research  

#### 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  
- **Yiyue 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  
- **Sanu 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  

### Racism, Xenophobia, and Nativism

**CHAIR:** Michael Esposito, University of Michigan  
**DISCUSSANT:** Carmen Gutierrez, UNC  

#### 87-1 Police Killings of Civilians: Implications From Court-Ordered Hiring Quotas

- **Robynn Cox**, University of Southern California  
- **Jaimie 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

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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
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89  Environmental Influences on Aging

CHAIR: Jeffrey Morenoff, University of Michigan
DISCUSSANT: Ashton Verdery, Penn State

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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

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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

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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

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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

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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 Lytelton*, 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/GSC 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

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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

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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

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96-1  Treading the Thin Line: Pharmacy Perspectives on Medication Abortion in Lusaka, Zambia
Katharine Footman*, LSE ; Nachela Chelwa, Population Council Zambia; Megan Dowthwaite, MSI ; James Mdala, Marie Stopes Zambia; Drosin 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

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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

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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

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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
Brandt 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

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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 Kaniec*, 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 Demogràfics; 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
9:15 AM-10:30 AM — Open Water

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
Leafia Ye*, University of Wisconsin–Madison

103 Social Determinants of Child Health
CHAIR: Afshin Zilanawala, University of Nottingham
DISCUSSANT: Cynthia Colen, The Ohio State University
9:15 AM-10:30 AM — Open Water

103-1 Can Education Do It Alone? Evidence on Women’s Education and Child Health From India
Ambrish 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
9:15 AM-10:30 AM — Open Water

104-1 More Than Rocks and Stone: Confederate Monuments, Memory Movements, and Race
Heather O’Connell*, Louisiana State University
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<td>Toward a Critical Demography of Tribal Peoples</td>
<td>Desi Rodriguez-Lonebear*, University of California, Los Angeles</td>
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<td>How Migration and Income Affect Racial Classification in Brazil</td>
<td>Edward Telles*, University of California, Irvine; Jeronimo Muniz, Universidad Federal de Minas Gerais</td>
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<td>Xueting Li*, Asian Demographic Research Institute; Leiwen Jiang, Asian Demographic Research Institute; Emerson Baptista, Asian Demographic Research Institute (ADRI)</td>
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<td>Randomized Control Evaluation of the Young Potential Development Program in Ecuador</td>
<td>Sara Borelli*, IMPAQ International; Michaela Gulemetova, IMPAQ International; Melissa Paredes, IMPAQ International</td>
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<td>Xuejiao Chen*, National University of Singapore; Wei-Jun Yeung, National University of Singapore</td>
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<td>Maternal Autonomy and Childhood Undernutrition: Analysis on the Nigeria 2018 Demographic and Health Survey Data</td>
<td>Tolulope Ariyo*, Xi’an Jiaotong University; Quanbao Jiang, Xi’an Jiaotong University</td>
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<td>Effect of Educational Assortative Mating on Infant and Child Mortality in Nigeria</td>
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<td>Lori Kwaleski-Jones*, University of Utah; Barbara Brown, University of Utah; Ken Smith, University of Utah; Cathleen Zick, University of Utah; Heidi Hanson, University of Utah</td>
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P3-28 Does Having a Son Make You Happier? Evidence From China
Zeyuan Chen*, Southwestern University of Finance and Economics

P3-29 Intergenerational Transmission of Nutritional Well-being Among Italian Children and Adolescents
Francesca Tosi*, University of Bologna; Rosella Rettaroli, University of Bologna

P3-30 Household Labor Migration and Aspirations for Children’s Education
Jennifer Glick*, Pennsylvania State University; Scott Yabiku, Pennsylvania State University; Haoyang Zhang; Sarah Miller, Pennsylvania State University

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P3-33 Educational Attainment and Fertility: Contextual Determinants From West Africa
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P3-34 Youth Reproductive Health and Labor Force Participation in South Africa
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P3-35 The Risk of Household Separation in Rural India: A Survival Analysis
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Richard Petts*, Ball State University; Daniel Carlson, University of Utah; Joanna Pepin, University at Buffalo

P3-44 The Challenge of Completeness of Birth Registration for Children Under 5 Years Old in Guinea: Explanatory Factors
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P3-48 Learning About Homelessness Using Linked Survey and Administrative Data
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P3-49 Parental Education and Offspring’s Income Among the Children of Asian–American Immigrants
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P3-50 Women's Family Formation and Work Trajectories During Midlife in South Korea
Sophia Fauser*; Younga Kim

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Megan Evans*, Pennsylvania State University; Jonathan Daw, Pennsylvania State University; S. Michael Gaddis

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P3-53 Social Class, Field of Study, and Attrition: A Comparative Analysis Between Three Universities
Joelle Spotswood*, University of Kansas

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P3-55 Women's Earnings and Household Division of Labor Among Couples in Ghana
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P3-56 Are Crowded-Out Students Cascading Down? Estimating Enrollment Spillover Along the University Hierarchy Using a Foreign Student Shock
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P3-57 Joblessness and the Transition to Parenthood: Variation by Migrant Background Explored and Explained
Daniel van Wijk*, Netherlands Interdisciplinary Demographic Institute; Helga de Valk, Netherlands Interdisciplinary Demographic Institute; Aart Liefbroer, Netherlands Interdisciplinary Demographic Institute

P3-58 Work-Family Conflict Before Retirement and Its Association With the Change in Feeling Lonely After Retirement: Evidence From the Taiwan Health and Retirement Study
Chi Chiao*, National Yang-Ming University; Susan C. Hu, National Cheng Kung University

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

P3-60 Incorporating Health Insurance in Poverty Measurement: Estimating Trends
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P3-62 Investigating Gender Differences in the Causes and Implications of Chronic Absenteeism Behavior Among Primary Grade Students in India
Charu Jain*, National Council of Applied Economic Research

P3-63 The Influence of Schools and Neighborhoods on Later-Life Neighborhood Attainment: A Test of Perpetuation Theory
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Decomposing Trends in Health Insurance Coverage Among Young Adults: The Role of Economic, Demographic, and Policy Changes, 2009–2019
Jonathan Vespa*, U.S. Census Bureau; Laryssa Mykyta, U.S. Census Bureau; Douglas Conway, U.S. Census Bureau

New Insights on Self-employment of Older Adults in the United States
Joelle Abramowitz*, University of Michigan

Economic Uncertainty and Family Formation in Italy: The Role of the Interrelationship Between Union Transition and Fertility
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Adrianne Frech*, University of Missouri, Columbia; Jane Lankes; Sarah Damaske, Pennsylvania State University

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Cristina Rossetto; Raquel Guimaraes*, Universidade Federal do Parana; Nayara Julião

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Paige Smith*; Enid Schatz, University of Missouri, Columbia; Emma Wickland, University of Missouri, Columbia

Measuring America’s Affordability Problem: Comparing 60 Measurements of Affordable Housing
Matthew Brooks*, Pennsylvania State University

Geography of Poverty and Inequalities in Access to Public Health Services in Côte D’Ivoire.
KASSOUM KONE*, National school of statistic and applied economy (ENSEA-ABIDJAN)

How Does Children’s Time Allocation Affect Their Noncognitive Skills? Evidence From Four Developing Countries
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Facebook Ads as a Demographic Tool to Measure the Urban-Rural Divide
Daniele Rama; Yelena Mejova, ISI Foundation; Michele Tizoni, ISI Foundation; Kyriaki Kalimeri, ISI Foundation; Ingmar Weber*, Qatar Computing Research Institute, HBKU

Intergenerational Transmission of Education Across the Twentieth Century: A Sibling Correlation Approach
Patrick Praeg*, University of Oxford; Christiaan Monden, University of Oxford

Changes Over Time in the Effect of Parental Background on Children’s Educational Enrollment in Europe
Alessandra Trimarchi*, Department of Sociology, University of Vienna; Milan Bouchet-Valat, Institut National d’Études Démographiques (INED)

Adult Children’s Education and Physical and Cognitive Health Trajectories of Older Parents in Denmark
Cosmo Strozza*, University of Southern Denmark; Virginia Zarulli, Interdisciplinary Centre on Population Dynamics, University of Southern Denmark

Race and Gender Disparities in Academic Pay
Eungang Choi*, The Ohio State University; Erick Axoxe, The Ohio State University

The Right to Education Act and Children’s School Attendance in Rural India: A Causal Approach
Leena Bhattacharya*

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Justine Herve*

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Jason Fletcher, University of Wisconsin-Madison; Katie Jajtner*, University of Wisconsin–Madison; Matt Messel, Social Security Administration

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Hijab Ahmed, Texas Tech University Health Sciences Center; Jeff Dennis*
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P3-90 Algorithmic Insecurity and Gig Worker Well-being
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P3-91 Life-Course Patterns of Educational Differentials in Early Labor Market Outcomes of Young People: Inter-Cohort Variation
Limor Gabay-Egozi*, Bar-Ilan University, Israel; Hyunjoon Park, University of Pennsylvania; Meir Yaish, University of Haifa

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Jiaxin Shi*, Max Planck Institute for Demographic Research; Christian Dudel, Max Planck Institute for Demographic Research; Christiaan Monden, University of Oxford; Alyson van Raalte, Max Planck Institute for Demographic Research

P3-93 Reimbursement Threat and the Duration of Social Assistance in Luxembourg
Alessio Fusco*, Luxembourg Institute of Socio-Economic Research; Silvia Girardi, Luxembourg Institute of Socio-Economic Research; Philippe Van Kerm, Luxembourg Institute of Socio-Economic Research

P3-94 Children Assets and Parenting Resources
Angèle JANNOT*, Marion Leturcq, Institut National d'Études Démographiques (INED)

P3-95 How Much Is Long-Term Unemployment Affecting Older Workers in Europe? Implications for an Aging Workforce
Mariona Lozano*, Centre for Demographic Studies; Elisenda Renteria, Centre d’Estudis Demogràfics

P3-96 Child Marriage, Teenage Pregnancy, and Women’s Education: Evidence From Brazil
Melissa Lima*, IIASA - International Institute for Applied Systems Analysis; Bilal Barakat, IIASA/UNESCO; Raquel Guimaraes, IIASA/UFPR

P3-97 For Better or for Worse? Economic Strain, Work-Family Balance, and Relationship Quality During the COVID-19 Pandemic
Brienna Perelli-Harris*, University of Southampton; Shih-Yi Chao, University of Southampton; Ann Berrington, University of Southampton

P3-98 Gender Gap in Pay Expectations: The Role of Sex Segregation in Education
Ewa Cukrowska-Torzewska*, University of Warsaw, Faculty of Economic Sciences

P3-99 School Performance of Immigrants: The Generational Gradient and the Contribution of the Life Course Stage at Migration
Silvia Loi*, Max Planck Institute for Demographic Research; Joonas Pitkänen, University of Helsinki; Heta Moustgaard, University of Helsinki; Mikko Myrskyla, Max Planck Institute for Demographic Research; Pekka Martikainen, University of Helsinki

P3-100 The Effect of Job Insecurity on Material Deprivation
Martin Friedrich, Institute for Employment Research; Nils Teichler*, Institute for Employment Research

P3-101 Context Specific Women’s Empowerment Measures: Education, Labor Force, and Caste in India
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P3-102 Labor Supply, Gender, and Household Wealth in China
Xuehui Han, IMF; Tao Zhang, Ragnar Frisch Centre for Economic Research; John Dagsvik, Statistic Norway; Yuan Cheng*, Population Research Center

P3-103 Stunting and Anemia for Children in Urban Poor Environments
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P3-104 Capturing Women’s Work: What Androcentric Labor Force Surveys Miss and Why
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Shauna Dyer*, University of Michigan

Human Capital From a Demographic Perspective: An Indian Experience
Manzoor Malik*, Indian Institute of Technology Roorkee

Measuring the Economic Costs of Women's Exclusion and the Benefits From Closing Gender Gaps: Evidence From a Macro simulation Model
Wendy Cunningham, World Bank; Sarika Gupta, World Bank; Mitja Delbono, World Bank; Mahesh Karra*, Frederick S. Pardee School of Global Studies, Boston University; Joshua Wilde, Max Planck Institute for Demographic Research

Union Dissolution and Child Outcomes in Uruguay
Marisa Bucheli*, Universidad de la Republica, Uruguay; Andrea Vigorito

Unions, Work Contexts, and Family-Friendly Policies
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Intergenerational Transmission of Awareness and Expectations Toward Environmental Issues
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Migration Flows to Mexico City's Construction Sector
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How Much Do Immigrants Contribute to Gender Occupational Segregation in the United States?
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Homeownership Status and Social Vulnerability: Return Migration in the Aftermath of Hurricane Harvey
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Race and U.S. Income Inequality: A Decomposition of U.S. Income Inequality Into Between- and Within-Race Components
Matthew C. Mahutga*, University of California-Riverside; Michaela Curran, University of Iowa; Matt Huffman, University of California-Irvine; Zachary Parolin, Columbia University

“I Don’t Want to Rush Everything and End Up Where I Started”: Disadvantaged Youth, College Choice, and the Reverse Life Course
Allison Young*, Johns Hopkins University; Stefanie DeLuca, Johns Hopkins University

Aspiration, Socioeconomic Background, Genomes, and Lifetime Cognitive Ability
Guang Guo*, UNC Chapel Hill; Meng-Jun Lin, UNC Chapel Hill; Adam Lilly, University of North Carolina at Chapel Hill

Social Connectedness and Disparities in Education Outcomes
Ran Liu*, University of Pennsylvania

Essential Driven Elements of African Student Mobility From Africa to China, 1999–2015
Lin Chen*, Katholieke Universiteit Leuven (KU Leuven) and Vrije Universiteit Brussel (VUB); Sylvie Gadeyne, The Vrije Universiteit Brussel

Do Youth Work in Agriculture? Unpacking the Dynamics of On-Farm Youth Employment in Tanzania and Malawi
Kashi Kafle*, University of Illinois; Neha Paliwal, IFPRI; Rui Benfica, IFPRI

The Impact of Partner Disability Status on Women’s Labor Outcomes Across Three Veteran Cohorts
Angela Clague, University of California, Los Angeles; Sara Johnsen*, University of California, Los Angeles; Hilary Flowers, University of California, Los Angeles

Families and Health in Mid- and Later Life

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

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107-1 The Role of Having Children for the Incidence of and Survival After Hip Fracture: A Nationwide Study of 45,991 Hip Fracture Patients in Sweden
Anna Meyer*, Karolinska Institutet; Karin Modig, Karolinska Institutet
107-2 Marriage and Mortality
Seth Sanders*, Duke University; Robert Pollak, Washington University in St. Louis; Janice Compton, University of Manitoba

107-3 The Associations Between Experiencing the Death of a Family Member and Resting Blood Pressure Differ by Educational Status
Hye Won Chai*, University of Texas at Austin; Debra Umberson, University of Texas at Austin; David Almeida, The Pennsylvania State University

107-4 Upward Intergenerational Transmission: Nonlinear Relationships Between Adult Children’s Socioeconomic Status and Their Older Parents’ Health in China
Luoman Bao*, California State University, Los Angeles

108 Education, Income, and Well-being in the Global Context
CHAIR: Mauricio Rodriguez Abreu, Universidad de las Americas Puebla
DISCUSSANT: Philip Cantu, University of Texas Medical Branch
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108-1 The Great Migration and the Urban-Rural Divide: Lonely Life Expectancy in China
Xueqing Wang*, Princeton University; James M Raymo, Princeton University

108-2 Life Course Socioeconomic Status and Healthy Longevity in China
Collin Payne, Australian National University; Kim Qinzi Xu*, The Australian National University

108-3 Healthy Life-Expectancy and Multimorbidity Among Older Adults: Do Inequality and Poverty Matter?
Raphael Guimaraes*, Oswaldo Cruz Foundation and University of Campinas; Flavia Cristina Andrade, University of Illinois at Urbana Champaign

108-4 Multimorbidity Trajectories and Psychological Well-being by Socioeconomic Status Across Later Adulthood: A Multiple-Group Latent Growth Curve Modeling
Sun Ah Lee*, Susanna Joo; Hye Won Chai, The University of Texas at Austin; David Almeida, The Pennsylvania State University

109 Flash: Public Policy and Child Well-being
CHAIR: Lina Guzman, National Research Center on Hispanic Children and Families
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109-1 The Costs and Benefits of Making the $2,000 Child Tax Credit Fully Refundable: A Near-Universal Child Allowance
Irv Garfinkel, Columbia University; Laurel Sariscany*, Columbia University; Elizabeth Ananat, Barnard College; Sophie Collyer, Columbia University; Christopher Wimer, Columbia University

109-2 Does Public Spending on Children Reduce Inequality in Infant Health?
Margot Jackson*, Brown University; Emily Rauscher, Brown University; Ailish Burns, Brown University

109-3 Can Early Universal Preschool Reduce Child Development Inequalities? The Roles of Intensity and Length of Exposure in France
Lawrence Berger, University of Wisconsin–Madison; Lidia Panico, Institut National d’Études Démographiques (INED); Anne Solaz*, Institut National d’Études Démographiques (INED)

109-4 The Relationship Between Suspension and Dropout in Three Cohorts of Youth in the United States
Brittany Freelin*, Pennsylvania State University

109-5 More Money, Fewer Problems? The Effect of Foster Care Payments on Quality of Care
Anna Chorniy*, Northwestern University; Chris Mills, Princeton University

109-6 Social Policy, Demographics, and State Adoption Rates
Marina Potter*; Sarah Font

110 Data: Beyond the Analysis
CHAIR: Michelle Poulin, World Bank
DISCUSSANT: Esteban Quinones, International Food Policy Research Institute
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110-1 Where’s Daddy? Challenges in the Measurement of Men’s Fertility
Lindsay Monte*, U.S. Census Bureau; Jason Fields, US Census Bureau
110-2 How to Estimate a Population Proportion If Data Are Possibly Subject to Misclassification Error? The Case of Estimating Contraceptive Prevalence Based on Self-reported Usage
Chuchu Wei*, University of Massachusetts Amherst; Leontine Alkema, University of Massachusetts Amherst

110-3 Undercount of Young Children in the French Census: What Causes Children to Be Missed? Evidence From Linked Census Data
John Tomkinson*

110-4 Demographic Engineering: A New Dimension
Ankush Agrawal*, Vikas Kumar, Azim Premji University

111 Family and Work: Family Policy and Mothers’ Employment
CHAIR: Jennifer Hook, University of Southern California
DISCUSSANT: Gundula Zoch, Leibniz Institute for Educational Trajectories

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111-1 A Family Leave Length Trade-off? Women’s Labor Force Status in Comparative Perspective
Kathrin Morosow*, University of Bath

111-2 Mothers’ Job Search After Childbirth
Bernhard Schmidpeter*

111-3 Family Policy Reforms in the 1970s and Women’s Work: Parental Leave Reform and Daycare Expansion in Sweden
Ann-Zofie Duvander, Stockholm University; Sunnee Billingsley*, Stockholm University; Kelly Musick, Cornell University; Anna-Karin Nylin, Stockholm University

111-4 Maternity Benefits Regulation and Women’s Choice of Work: Evidence From Vietnam
Khoa Vu*

112 The Global Pandemic and Subsequent Changes to Work and Family
CHAIR: Jaclyn Wong, University of South Carolina
DISCUSSANT: Liana Landivar, Maryland Population Research Center

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112-1 If You’ve Got Time to Lean, You’ve Got Time to Clean: Time Availability and Domestic Labor During the COVID-19 Pandemic
Daniel Carlson*, University of Utah; Richard Petts, Ball State University; Joanna Pepin, University at Buffalo

112-2 Covid at Home: Gender, Class, and Household Work in Urban Bangladesh
Esha Sraboni*, Brown University

112-3 Social Disruption and Parent Time With Children During the Early Stages of the COVID-19 Pandemic
Kammi Schmeer*, The Ohio State University; Britt Singletary, The Ohio State University

112-4 The New Feminization of Austerity: Public Sector Employment Inequality During the COVID-19 Recession
Jennifer Laird*, Lehman College; Jake Rosenfeld, Washington University, St. Louis

113 Family Mortality and Health
CHAIR: Xing Zhang, Arizona State University
DISCUSSANT: Kagan Mellencamp, Bowling Green State University

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113-1 Death of a Parent and Cardiovascular Disease Risk in Early Adulthood
Michael Garcia*, University of Texas at Austin; Belinda Needham, University of Texas-Austin; Bridget Goosby, University of Texas at Austin; Debra Umberson, University of Texas at Austin; Robert Hummer, Carolina Population Center

113-2 Global Estimates of Maternal Bereavement: New Indicators of the Cumulative Prevalence of Child Loss in 168 Countries and Territories
Emily Smith-Greenaway*, University of Southern California; Diego Alcubierre-Gutierrez, Max Planck Institute for Demographic Research; Jenny Trinitapoli, University of Chicago; Emilio Zagheni, Max Planck Institute for Demographic Research
113-3 Time Heals Some Wounds: Depressive Symptoms and Maternal and Paternal Loss Across the Life Course
Christina Kamis*, Duke University; Allison Stolte, Duke University; Molly Copeland, Michigan State University

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

114 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 Adeila*, 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 Kanmiki*, 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)

115 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

116 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; Nicaise Ndemb, Institute of Human Virology Nigeria; Abayomi Aka, International Centre for Advocacy on Rights to Health; Chukwuemeka Okoro, International Centre for Advocacy on Rights 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 Albruéz-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 Mahmoud*, 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 Lyttleton*, 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
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<td>Drought and Migration: An Analysis of the Effects of Climate Change on Temporary Labor and Return Migration From a Migrant-Sending Area</td>
<td>Li Zhu, Cornell University; Filiz Garip*, Cornell University; Adrienne Epstein*, University of California, San Francisco; Emily Treleaven, University of Michigan; Nadia Diamond-Smith, University of California, San Francisco</td>
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<td>CHAIR: Nallely Mejia, DISCUSSANT: David Lindstrom, Brown University</td>
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<td>Children of immigrants and Entry Into Marriage</td>
<td>Maurice Anyawie*, Bowling Green State University</td>
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<td>Racial Disparities in Occupation and Income Attainment Between Immigrants and South African-born Women: Evidence From the 2011 Census</td>
<td>Emmanuel Souza*, University of Pennsylvania</td>
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<td>Transnational Status Inconsistency: Immigrants’ Intra-generational Occupational Mobility</td>
<td>Mathieu Ichou*, Institut National d’Études Démographiques (INED); Louise Caron*, Institut National d’Études Démographiques (INED)</td>
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<td>Dual Citizenship, Gender, and Vertical Mismatch: The Labor Market Incorporation of the Latin American–born Population Living in Switzerland</td>
<td>Juan Galeano*, Centre d’Estudis Démographics</td>
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<td>Women’s Land Rights and Child Mortality</td>
<td>Fabliha Ibnat*, University of Maryland, College Park</td>
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<td>Echoing Through Time: Intergenerational Effects of Exposure to Armed Conflict, Genocide, and Famine as Determinants of Child Mortality</td>
<td>Jonathan Muir*, The Ohio State University; Samuel Clark, The Ohio State University</td>
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<td>Roads to Better Health: Linkages Between Infrastructure and Child Health Outcomes in India</td>
<td>Pallavi Panda*, SUNY Geneseo</td>
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<td>The Impact of the One Child Policy on China’s Infant Mortality From 1970–1989: A Quasi-Experimental Study</td>
<td>Esther Choo*, University of Washington; Suman Chakrabarti, University of Washington; Yao He, University of Washington</td>
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<td>Opportunity and Place: Latino Children and the Future of America</td>
<td>Daniel Lichter*, Cornell University; Kenneth Johnson, University of New Hampshire</td>
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<td>The Effects of DACA on Migration of Low-Income Families</td>
<td>Dafeng Xu*, University of Washington</td>
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<td>Time-Use Patterns Among Latino/a Immigrants Across Destinations</td>
<td>Elizabeth Ackert*, University of California, Santa Barbara; Jocelyn Wikle, Brigham Young University</td>
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<td>Ethnic Attrition Among Late-Generation Descendants of Mexican Immigrants: New Evidence From Linked Census Records</td>
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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 Sure 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*, University of Kentucky; 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
Nathalie 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*, Alessia Melegaro, Bocconi University; Nicoletta 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
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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 Pricke, Victoria University of Wellington
DISCUSSANT: Daniela Negraia, Max Planck Institute for Demographic Research
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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 Mollborn, 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*, Dohoon 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
Fabrice Kampfen*, University of Pennsylvania; Fatiema 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

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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

129-3  **The Changing Landscape of Affordable Housing in the Rural and Urban United States, 1990–2016**  
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**  
Jaeun 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; Priyamita 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 Holshuh, 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 Lohmann*, 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 Omolubi, 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; Angubeen Khan, UCLA; Jennifer Cruz, University of Michigan; Layla Elabed, ACCESS; Mona Makki, ACCESS; Madhia Tariq, ACCESS

134-3 Revisiting the Polygyny and Intimate Partner Violence Connection: The Role of Religion and Wife’s Rank in Nigeria
Nkichi Owoo*, 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

**1:00 PM-2:15 PM — Open Water**

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*
Angar Huddle*, Max Planck Institute for Demographic Research; Natalie Nitsche, Wittgenstein Centre (IASSA, 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

135-5  *Convergence and Divergence in Spouses’ Time Expenditures on Paid Labor, Housework, and Childcare During COVID-19: Evidence From Singapore*
Poh Lin Tan*, National University of Singapore; Emma Zang, Yale University; Thomas Lyttleton, 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 Climate Central; Peter Clark, Oregon State University; Elizabeth Fussell, Brown University; Nick Magliocca, University of Alabama; Tingyin Xiao, Princeton University; Elisabeth Gilmore, Clark University; Kali Abel, Oregon State University; Maia Call, USDA; Aimée Slangen, Royal Netherlands Institute for Sea Research

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: Joaquin Rubalcaba,

1:00 PM-2:15 PM — Open Water

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; Astri 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)

1:00 PM-2:15 PM — Open Water

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 Molajola, 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; Adetokunbo Salawu, University of Ibadan; Rotimi Afolabi; Mobolaji Salawu, University of Ibadan; Adeniyi Fagbamigbe; Ayo Adebowale, University of Ibadan

140 The Demography of Crime and Punishment

CHAIR: Allison Dwyer Emory, University at Buffalo
DISCUSSANT: Amanda Geller, New York University (NYU)

1:00 PM-2:15 PM — Open Water

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
1:00 PM-2:15 PM — Open Water

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
1:00 PM-2:15 PM — Open Water

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*, Statistics South Africa

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 Caporal*, Institut National d’Études Démographiques (INED); Jenny García, 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 Meslé, 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 Scinski, 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
P4-44 Drinking Water Contamination and COVID-19 Mortality in the United States
Kelly Hyde*, University of Pittsburgh

P4-45 Unequal Effects of the COVID-19 Pandemic on Latin American Scientists
Constanza Hurtado*, University of Maryland

P4-46 A District-Level Susceptibility and Vulnerability Assessment of the COVID-19 Pandemic Footprint in India
Md Juel Rana*, Jawaharlal Nehru University; Kashif Imad*, Chhatrapati Shahu Ji Maharaj University; Mehebub Sahana, University of Manchester; Ismail Haque, Jawaharlal Nehru University; Priyank Pravin Patel, Presidency University; Malay Pramanik, Asian Institute of Technology

P4-47 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

P4-48 The Spatial Inequities of COVID-19 Case Rates and Renter Vulnerability in San Francisco County
Amber Crowell*, California State University, Fresno

P4-49 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

P4-50 Gendered Social, Economic, and Secondary Health Effects of the COVID-19 Pandemic and Mitigation Policies in Nairobi, Kenya

P4-51 Movement Patterns During COVID-19 Travel Restrictions Within Urban Informal Settlements in Nairobi, Kenya

P4-52 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

P4-53 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

P4-54 Racial Segregation and COVID-19 in the Area of West Texas
Nadia Flores-Yeffal*, Texas Tech University

P4-55 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

P4-56 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

P4-57 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 Negraia, University of Oxford; Kelsey Drotning, 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

P4-58 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

P4-59 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*, Andrija 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 Fabic*, US Agency for International Development (USAID); David Bishai, Johns Hopkins University; Yoonjoung 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, INSENM/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
Andre 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; Yoonjoung 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
Arita 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
P4-79  Lifestyle Disease Surveillance Using Population Search Behavior: Feasibility Study  
Shahan Ali Memon*, Saquib Razak, Carnegie Mellon University; Ingar Weber, Qatar Computing Research Institute, HBKU

P4-80  Does First Involvement in Romantic Relationship Increase Self-esteem? A Counterfactual Approach  
Yue-Wen Peter Li*; Chi Chiao, National Yang-Ming University; Wen-Hsu Lin

P4-81  The Discursive Framing of Immigration in the Turkish Twittersphere  
Huseyin Zeyd Koytak*; Muhammed Hasan Celik, University of California, Irvine

P4-82  Decomposition Analysis by Cause of Death for the Modal Age at Death Using the Linear Difference Model  
Futoshi Ishii*, Keio University

P4-83  Mapping Azerbaijan’s Social Inequality and Environmental Vulnerability  
Chelsea Lissette Cervantes de Blois*, University of Minnesota, MPC; Jeremy Tasch, Towson University; Rovshan Abbasov, University of Khazar

P4-84  Mining Twitter Data to Identify Feminist Issues: Topic Modeling of Tweets From India  
Nabamallika Dehingia*, Anita Raj, University of California San Diego

P4-85  Measuring Catastrophe in Paying for Healthcare: A Comparative Methodological Approach by Using National Sample Survey in India  
Rinshu Dwivedi*, National Institute of Technology Rourkela; Ath Ramesh

P4-86  A Nonparametric Approach to the Race Differentials in the Credit Market  
Jeonghun Kim*, University of Missouri

P4-87  Measuring Women’s Ownership of Resources: A Comparison of Survey Question Construction Across Nationally Representative Surveys  
Jessica Heckett*, International Food Policy Research Institute; Mai Mahmoud, Tufts University; Kalyani Raghunathan, International Food Policy Research Institute; Greg Seymour

P4-88  Partitioning of Historical Time Trends in Prevalence and Mortality of Alzheimer’s Disease and Related Dementias and Associated Racial Disparities  
Igor Akushevich*, Duke University; Arseniy Yashkin, Duke University; Julia Kravchenko, Duke University School of Medicine; Anatoliy Yashin, Duke University

P4-89  Understanding the Patterns and Intentions Around Marriage and Pregnancy Among Adolescent Girls Since the Onset of the COVID-19 Pandemic in Four Countries in Kenya  
Christina Misunas, Population Council; Karen Austrian*, Population Council, Kenya

P4-90  A Fine-Grained, Versatile Index of Remoteness to Characterize Place-Level Rurality  
Johannes Uh, University of Colorado Boulder; Stefan Leyk*, University of Colorado; Lori Hunter, University of Colorado Boulder; Catherine Talbot, University of Colorado Boulder; Dylan Connor, Arizona State University; Jeremiah Nieves, University of Colorado; Myron Gutmann, University of Colorado Boulder

P4-91  Combining Cox Regression and Fairlie Decomposition Models: A Proposal of a Nonlinear Causal Method to Analyze the Explanatory Factors of Inequalities  
Henri Fika*, IFORD

P4-92  The Impact of Disclosure Control on Accuracy and Usability of the 2020 Census  
Steven Ruggles, University of Minnesota; Catherine Fitch, University of Minnesota; Tracy Kugler, Minnesota Population Center, University of Minnesota; Jonathan Schroeder, Minnesota Population Center, University of Minnesota; David Van Riper*, Minnesota Population Center, University of Minnesota

143  Dyadic Understandings of Families and Health  
CHAIR: Monir Hossain, DISCUSSANT: Patricia Drentea,  
2:30 PM-3:45 PM — Open Water

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
Together in Sickness and in Health: Spillover of Physical, Mental, and Cognitive Health Among English Older Couples
Mingming Ma*, Shanghai University of Finance and Economics; Urvashi Jain, University of South Alabama

Estimates and Projections: Populations in Decline
CHAIR: Shonel Sen, University of Virginia
DISCUSSANT: Robert Rhagan, University of New Mexico
2:30 PM-3:45 PM — Open Water

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

Demographic Analysis Estimates of Net Coverage Error in the 2020 Census
Eric Jensen*, U.S. Census Bureau; Christine Hartley, U.S. Census Bureau

An Indirect Assessment of Infant Mortality Estimates in India: A Modified Approach
Prashant Verma*, Banaras Hindu University; Mukti Khetan, Indian Institute of Technology Bombay

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

COVID-19 and Job Loss
CHAIR: Patrick Denice, Western University
DISCUSSANT: Jennie Brand, University of California, Los Angeles
2:30 PM-3:45 PM — Open Water

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

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

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

Health Insurance, Policy, Job Loss, and Hardship in the COVID-19 Crisis
Sanders Korenman*, CUNY Institute for Demographic Research; Rosemary Hysom, CUNY Institute for Demographic Research and Marxe School of Public and International Affairs

Formal Demography—Innovations in Theory and Methods
CHAIR: Eungang Choi, The Ohio State University
DISCUSSANT: Dennis Feehan, University of California, Berkeley
2:30 PM-3:45 PM — Open Water

Production, Reproduction, and the Evolution of Social Organization
Ronald Lee*, University of California, Berkeley; C. Y. Cyrus Chu, Academia Sinica

Mortality Change and Child Survival From the Point of View of a Prospective Mother
Iván Williams*, Diego Albrecht-Gutierrez, Max Planck Institute for Demographic Research

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

Gender, Socialization, and Education
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
An Exploratory, Mixed-Methods Study to Improve Survey Reporting of Abortion  
Jennifer Mueller*, Guttmacher Institute; Marielle Kirstein; Alicia VandeVusse*, Laura Lindberg, Guttmacher Institute

Measuring Abortion Through Weak Ties: An Assessment of an Application of the Network Scale-up Method to Collect Information on Abortion Safety  
Elizabeth Sully, Guttmacher Institute; Margaret Giorgio*, Guttmacher Institute

Association Between Abortion Motivation and Abortion Safety in Ghana  
Jalang Conteh*, University of California, Berkeley; Maureen Lahiff, University of California, Berkeley; Kim Harley, University of California, Berkeley; Karen Weidert, University of California, Berkeley; Ndola Prata, University of California, Berkeley

Fertility and Intergenerational Relationships  
CHAIR: Luoman Bao, California State University, Los Angeles  
DISCUSSANT: Keera Allendorf, Indiana University  
2:30 PM-3:45 PM — Open Water

Fertility and Fostering: Evidence From Sub-Saharan Africa  
Tamara McGavock*, Grinnell College

Public Pension and Child Care Provision in Intergenerational Settings: The Case of South Korea  
Jeongsoo Kim, University of Texas at San Antonio; Jeongsoo Kim*, University of Texas Health Science Center at San Antonio

How Parental Incarceration Shapes the Timing and Structure of Fertility for Children of Incarcerated Parents  
Erin McCauley*

Longer Lives, Later Births: Generational Overlap in Denmark and the United States  
Marcia Carlson*, University of Wisconsin–Madison; Peter Fallesen, Rockwool Foundation

COVID-19: Racial and Ethnic Disparities  
CHAIR: Christy Erving, Vanderbilt University  
DISCUSSANT: Sara Chagan, Federal Reserve Bank of Boston  
2:30 PM-3:45 PM — Open Water

Chinyere Agbai*, Brown University

Reductions in 2020 U.S. Life Expectancy Due to COVID-19 and the Disproportionate Impact on the Black and Latino Populations  
Theresa Andrasfay*, University of Southern California; Noreen Goldman, Princeton University

Spatial Variation in COVID-19 Mortality in New York City and Its Relation to Communities of Color and Immigrants  
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

Social Inequality and COVID-19 Infections and Deaths Across U.S. Counties  
Tim Liao*, University of Illinois; Fernando De Maio, American Medical Association

Flash: Policies, Health, and Well-being  
CHAIR: Tia Palermo, University at Buffalo  
2:30 PM-3:45 PM — Open Water

How Do State Policies Shape Experiences of Household Job Loss and Mental Health During the COVID-19 Pandemic?  
Rachel Donnelly*, Vanderbilt University; Mateo Farina, University of Southern California

Child Marriage or Statutory Rape? A Comparison of Law and Practice in the United States Since the Year 2000  
Kaya Van Roost, McGill University; Miranda Horn, McGill University; Alissa Koski*, UCLA

Income, Health, and Well-being: Evidence From Pension Eligibility
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

2:30 PM-3:45 PM — Open Water

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

2:30 PM-3:45 PM — Open Water

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

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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

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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
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*, Saeleh 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

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
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<td>Co-Occurring Family Stressors in Latino Families: Evidence From the Supporting Healthy Marriage Evaluation</td>
<td>Jingyi Dan*, Xi'an Jiaotong University; Quanbao Jiang, Xi'an Jiaotong University</td>
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<td>Problems in the Family: Controlling for Age, Period, or Cohort in Sibling Comparison Designs</td>
<td>Ben Wilson, Stockholm University; Maarten Bijlsma*; Max Planck Institute for Demographic Research; Siddartha Aradhya, Lund University; Alice Goisis, University College London</td>
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<td>Multiracial Children's Experiences of Family Instability</td>
<td>Kate Choi*, University of Western Ontario; Rachel Goldberg, University of California Irvine</td>
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<td>P5-11</td>
<td>Siblings as Brokers of Family Social Capital: Compensatory Time Use in India</td>
<td>Melissa Alcaraz*, The Ohio State University; Ashley Larsen Gibby, Penn State University; Nancy Luke, Penn State University</td>
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<td>Caregiving and Self-esteem in Mid- and Later Life: Variation by Age, Family, and Health</td>
<td>Jeffrey E. Stokes*, University of Massachusetts Boston; Sarah Patterson, University of Michigan</td>
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<td>P5-13</td>
<td>Sociodemographic and Behavioral Factors of Physical Intimate Partner Violence (IPV) Perpetration Among Men in South Africa</td>
<td>Pride Kandemiri*</td>
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<td>His State or Her State? Married Couples' States of Birth and Current Residence, 1900–2018</td>
<td>Lydia Anderson*, U.S. Census Bureau</td>
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<td>Racial, Ethnic, and Nativity Differences in Family Formation and Dissolution in the United States</td>
<td>Zohra Ansari-Thomas*</td>
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<td>Educational Attainment, Educational Pairings, and Women's Marriage Behavior in the Turkish Context</td>
<td>Taylan Acar*</td>
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<td>Wealth Accumulation by Marital Sorting on Own Education and Parental Education</td>
<td>Cheng Cheng*, Princeton University; Yang Zhou, Central University of Finance and Economics</td>
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<td>Delaying Retirement? A Life Cycle Model of Older Women's Labor Supply</td>
<td>Debasmita Das*, Purdue University</td>
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<td>How Much Time Is Left? Trends in Parental Lifespan Around the World</td>
<td>Erich Striessnig*, Wittgenstein Centre (IIASA, VID/OAW, Univ. Vienna); Alessandra Trimarchi, Department of Sociology, University of Vienna</td>
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<td>Demographic Considerations and Food Security in Nigeria</td>
<td>Nkechi Owoo*, IJSSP</td>
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<td>Testing a Parental Investment Model in Brazil: Achievement of 5th and 9th Graders in a National Census of Public School Students</td>
<td>Andrew Koepp*, University of Texas at Austin; Elizabeth Gershoff, University of Texas at Austin; Leticia Marteleteo, University of Texas at Austin</td>
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<td>Does Fixed-Term Employment Have Spillover Effects on the Well-being of Partners? A Panel Data Analysis for East and West Germany</td>
<td>Sonja Scheuring*, University of Bamberg; Jonas Voßemer, Umeå University; Anna Baranowska-Rataj, Umeå University; Giulia Tattarini, Berlin Social Science Center (WZB)</td>
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<td>Léonard Moulin*, French Institute For Demographic Studies (INED); Marie Bergström, INED</td>
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<td>Family Forms Survey: Identifying Donor-Conceived Offspring, Donors, and Recipients in a National Panel</td>
<td>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</td>
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<td>Spousal Care Arrangements and Caregivers’ Well-being: Variations by Gender and Social Welfare Regime</td>
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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
Vytenis 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-Assas; Nicole Kapelle*, Philipp Lersch, 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 Miglieli; Chiara Pronzato*, University of Turin
More Than Friends: Profiles of Adolescent Romantic Relationships in Rural Mexico
Melissa Alcaraz*, The Ohio State University

Father Absenteeism and Its Association With Receiving Injuries From Episodes of Violence During Adolescence and Young Adulthood in Honduras
Alejandra Leyton*

Predictors of Longitudinal Intergenerational Transfer Patterns
Isabelle Nottet*, Brown University

Early Childhood Education Expenditures and Maternal Employment as a Function of Child Age
Emily Miller*, Princeton University

Changing Composition of Consanguineous Marriage in South India
Harihara Sahoo*, International Institute for Population Sciences; Paramita Debnath, International Institute for Population Sciences; Chaitali Mandal; Rangasamy Nagarajan

An Update on Marital Dissolution Rates in the New Millennium
Kim McClelan*

Number of Siblings and Divorce in East Asia: The Importance of Social Context
Douglas B. Downey, Ohio State University; Man Yao*, The Ohio State University

Intersecting Hierarchies: Individual and Societal Correlates of Women’s Autonomy Within Household
Dhiman Das*, Maryland Population Research Center; Sonalde Desai, University of Maryland

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

Divergent Transmission of Resources at the Starting Gate Through Time: Preschoolers in Singapore
Wei-Jun Yeung, National University of Singapore; Iyeon Lee*, National University of Singapore; Yan Song Lee, National University of Singapore

Parental Work Hours, Parental Education, and Child Sleep
Cassidy Castiglione*, Rice University; Mackenzie Brewer, Baylor University; Rachel Kimbro, Rice University

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

Does Children’s Education Improve Parental Longevity? Evidence From Two Educational Reforms in England
Joan Madia*, Patrick Praeg, University of Oxford; Chistiaan Monden, University of Oxford

The Social Structures of Sleep: Effects of Professional and Family Constraints on Workers’ Sleep
Capucine Rauch*

Revisiting Horizontal Stratification in Higher Education: College Prestige Hierarchy and Educational Assortative Mating in China
Jiashi Feng*

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

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

The Role of Marital Status and Family Support in Alleviating Maternal Stress in an Informal Settlement in Kenya
Shelley Clark, McGill University; Madeleine Henderson*

Walking and Talking Women’s Rights
Nir Rotem*, University of Minnesota; Elizabeth Boyle, University of Minnesota

Dowries, Resource Allocation, and Poverty
Ajinkya Keskar*, Rice University; ROSELLA CALVI

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 Weighting 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
Shuangshuang 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)

P5-90 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

P5-91 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 Witwatersrand

P5-92 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

P5-93 Mothers’ Work Trajectories in Nepal
Sarah Brauner-Otto*, McGill University; Ka U Ng; Chih-Ian Winnie Yang, McGill University

P5-94 Time Transfer Accounts by Types of Households and Income Groups in Brazil
Jordana de Jesus*, Simone Wajnman, CEDEPLAR; Cassio Turra, CEDEPLAR

P5-95 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

P5-96 Intergenerational Relationships, Household Resources, and Well-being Among Remarried Elderly Families
Anqi Li*, East China Normal University

P5-97 What If She Earns More? Gender Pay Gap Within Couples
Ewa Cukrowska-Torzeńska, University of Warsaw, Faculty of Economic Sciences; Iga Magda, Warsaw School of Economics; Marta Palczynska*, Institute for Structural Research

P5-98 Life Course Variations in Spouses’ Division of Roles in Urban Areas of Iran
Fatemeh Torabi*, University of Tehran

P5-99 Limits to Motherhood’s Standards: Latent Classes of Intensive Mothering in the United States
Jane Lankes*

P5-100 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

P5-101 Examining the Trend in the Prevalence and Predictors of Child Fostering in Nigeria, 2008–2018
Oluwatobi Alawode*, University of Florida

P5-102 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

P5-103 Older Americans and the Food Security Infrastructure
Kelly Balistreri*, Bowling Green State University

P5-104 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

P5-105 Children’s Media Use, Co-Use, and Family Member Relationship Quality Over Time: The Role of Socioeconomic Status
Annaliese Grant*, University of Wisconsin–Madison

P5-106 Family Structure and Children’s Television Time Over Early to Middle Childhood
Annaliese Grant*, University of Wisconsin–Madison; Marcia Carlson, University of Wisconsin–Madison

P5-107 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 Llabas*, 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
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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 Leibrand

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
163-2 Combining Death Counts and Random Sample Testing to Estimate COVID-19 Prevalence
Nicholas Irons*, University of Washington; Adrian Raftery, University of Washington

163-3 Analyzing the Spread of the Coronavirus Pandemic With the Demographic Scaling Model
Christina Bohk-Ewald*, University of Helsinki; Christian Duedel, Max Planck Institute for Demographic Research; Mikko Myrskyla, Max Planck Institute for Demographic Research

163-4 Participatory Syndromic Surveillance as a Tool for Tracking COVID-19 in Bangladesh
Ayesha Mahmud*, University of California, Berkeley; Shayan Chowdhury, a2i Programme; Kawsar Sojib, a2i Programme; Anir Chowdhury, a2i Programme; Md. Tanvir Quader, a2i Programme; Sangita Paul, a2i Programme; Md. Sheikh Saidy, a2i Programme; Ramiz Uddin, a2i Programme; Keith Engo-Monsen, Telenor Research; Caroline Buckee, Harvard T H Chan School of Public Health

164 Data in a Crisis: Collecting New and Leveraging Old

CHAIR: Nadia Diamond-Smith, University of California, San Francisco
DISCUSSANT: Ingrid 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 Jasiliunas, 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 Zagheni, Max Planck Institute for Demographic Research; René Flores, University of Chicago; Iiana Ventura, University of Chicago; Ingrid 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

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166-1 Economic Hardship and Mental Health During COVID-19 Lockdowns
Dirk Wiveen*, University of Oxford, Nuffield College; Eva Velthorst, Mount Sinai, NYC, Icahn School of Medicine

166-2 Unemployment and Job Insecurity: Education and Generation as a Safety Net During COVID-19
Sigal Alon*, Tel Aviv University

166-3 The Great Balancing Act: Households, Debt, and Economic Insecurity
Michelle Maroto*, University of Alberta

166-4 The Contextual Effect of Unemployment
Florence Torche*, Stanford University; Claire Daviss

167 Family Complexity

167-1 Biological Mother Engagement With Children Across Contemporary Family Structures
Kierra Saler*, University of North Carolina at Greensboro; Marcia Carlson, University of Wisconsin–Madison

167-2 Similarly Structured, Functionally Different: Population Heterogeneity in Family Structure and Childrearing Arrangements
Christina Cross*, Harvard University; Xing Zhang, Arizona State University

167-3 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

167-4 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

168 Impact of Abortion Laws and Policies

168-1 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

168-2 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

168-3 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

169 Fertility Transition in Low- and Middle-Income Countries

169-1 Argentina’s Fertility Regime, 1980–2010: The End of the First Demographic Transition or an Emergent Second One?
Yasmin Merthekian*, University of Pennsylvania

169-2 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

169-3 Changes in Age at Last Birth Over the Course of Contemporary Fertility Declines
Examining Trends and Disparities in Adolescent Childbearing Over Time in Ouagadougou Partnership Countries
Elizabeth Tobey*, Population Council; Michelle Hindin, The Population Council

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

170-4 Mothers’ Sexual Identity and Children’s Health
Stefanie Mollborn, University of Colorado Boulder; Aubrey Limburg*, Bethany Everett, University of Utah

Biosocial Approaches to Population Health

CHAIR: Daniel Adkins, University of Utah
DISCUSSANT: Melinda Mills, Leverhulme Centre for Demographic Science, University of Oxford

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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

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 Honkanieni*, Stockholm University; Mikael Rostila, Stockholm University; Srinivasa Vittal Kattikireddi, University of Glasgow; Sol Pía 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
Woosun 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)

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175-1  Estimating Excess Deaths in South Africa During the COVID-19 Pandemic
Rob Dorington, 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

Víctor 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/CELADE-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
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)

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

178-1  Trends and Differentials in Working-Age Mortality in the U.S., 1990-2017
Shannon Monnat*, 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
Irma 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
### 179 Genetics and Aging

**CHAIR:** Jason Boardman, University of Colorado  
**DISCUSSANT:** David Rehkopf, Stanford University

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<td>The Role of Genetic Endowments and Early-Life Resources in Explaining the Relationship Between Education and Cognitive Functioning in Later Life</td>
<td>Pamela Herd*, Georgetown University; Kamil Sicinski, UW-Madison</td>
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<td>The Impact of Late-Career Job Loss and Genotype on Changes in Body Mass Index</td>
<td>Lauren Schmitz*, University of Wisconsin–Madison; Julia Goodwin, University of Wisconsin-Madison; Qiongshi Lu, University of Wisconsin-Madison; Dalton Conley, Princeton University</td>
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<td>Are Immigrants Positively Selected on Genetic Predisposition to Better Health? Evidence From the Health and Retirement Study</td>
<td>Zoya Gubernskaya*, University at Albany, SUNY; Dalton Conley, Princeton University</td>
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<td>How Multiple Interactions Between Genetic and Nongenetic Factors Influence Multifactorial Health Disorders: Insights From Studying Alzheimer’s Disease</td>
<td>Anatoliy Yashin*, Duke University; Deqing Wu, Duke University; Konstantin Arbeev, Duke University; Hongze Duan, Duke University; Olivia Bagley, Duke University; Igor Akushevich, Duke University; Arseniy Yashkin, Duke University; Svetlana Ukraintseva, Duke University</td>
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### 180 Impact of Caregiving on Families and Youth

**CHAIR:** Sung Park, Harvard  
**DISCUSSANT:** Anna Hammersmith, Grand Valley State University

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<td>“If It Needs to Be Done, It Needs to Be Done”: Youth Experiences and Perspectives on Caregiving</td>
<td>Minakshi Raj*, Sara Feldman, University of Michigan; Jody Platt, University of Michigan; Tammy Chang, University of Michigan</td>
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<td>The Differential Effects of Entering and Exiting Coresidence With Grandchildren on Older Adults’ Labor Force Outcomes: Does Gender Matter?</td>
<td>Haoshu Duan*, University of Maryland; Jing Ye, University of Maryland</td>
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<td>The Effects of Multigenerational Residence on Children’s Mental Health</td>
<td>Qi Li*, The Ohio State University</td>
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### 181 Residential Context and COVID-19

**CHAIR:** Yana Kucheva, City College of New York  
**DISCUSSANT:** Kate Choi, University of Western Ontario

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<td>Residential Racial Segregation and Social Distancing in the United States During COVID-19</td>
<td>Alexandre White*, Lingxin Hao, Johns Hopkins University; Xiao Yu, Johns Hopkins University; Roland Thorpe, Johns Hopkins University Bloomberg School of Public Health</td>
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<td>Disproportionate COVID-19 Pandemic Impacts on U.S. Homeowners Across Racial/Ethnic Groups</td>
<td>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</td>
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182 Mathematical Demography

CHAIR: Vanessa Gabrielle di Lego Goncalves, Vienna Institute of Demography
DISCUSSANT: Evelyn Patterson, Vanderbilt University

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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

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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

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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
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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
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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
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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  
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<td>Residential Displacement From Parental Home: Exploring the Intersection of Sexual Minority Status and Race/Ethnicity on Thrown-Away and Runaway Youth</td>
<td>Beenna Han*, University at Albany, SUNY</td>
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<td>Moving on up? Sexualities and Neighborhood Attainment</td>
<td>Andrew Levine*</td>
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<td>Does the Intergenerational Educational Mobility of Sexual Minority Groups Differ Across Countries?</td>
<td>Diederik Boerten*, Centre for Demographic Studies (CED); Léa Pessin, Pennsylvania State University; Francisco Perales Perez, University of Queensland</td>
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<td>Spatial Patterns of Migration Among Men Who Have Sex With Men in the United States</td>
<td>Sean C. Reid*, University of California, Santa Barbara; Susan Cassels, University of California Santa Barbara</td>
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### 189 Historical Origins of Health Disparities

**Chair:** Ryan Gabriel, Brigham Young University  
**Discussant:** Michael Esposito, University of Michigan  
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<td>Do U.S. Adults Spend More Time Alone Today Than in the Past? Evidence From the American Heritage Time Use Study</td>
<td>Daniela Negraia*, University of Oxford; Robert Rinderknecht; Sophie Lohmann, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research</td>
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<td>Katrina Walsemann*, University of South Carolina; Stephanie Urena, Florida State University; Mateo Farina, University of Southern California; Jennifer Allshire, University of Southern California</td>
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<td>Christopher Prener*, Saint Louis University</td>
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<td>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</td>
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### 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**

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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

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Nathan Seltzer*, University of Wisconsin–Madison

#### 192-2 Lifetime Geographic Mobility and Seasonal Mortality in U.S. Deaths, 1988–2005
Leslie Root*, University of California, Berkeley

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Serge Atherwood*, University of Texas at San Antonio

#### 192-4 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/ÖAW, Univ. Vienna)

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Zachary Franzoni*, University of Utah

#### 193-2 Racial Disparities in Spatial and Temporal Adolescent Suicides Clusters
Jonathan Platt*, Columbia University; John Pamplin, New York University; Katherine Keyes, Columbia University

#### 193-3 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

#### 193-4 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

#### 194
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DISCUSSANT: Alice Goisis, University College London
DISCUSSANT: Elena Ambrosetti, Sapienza University of Rome
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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

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195-6 Panelist
Jenny Hope*, University of Oxford

105 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

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Cory Anderson*; Samson Wasao, Independent Scholar

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Rashid Javed, ESC Pau Business School; Mazhar Mazhar Mughal*, Pau Business School, France

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Shekhar Chauhan, International Institute for Population Sciences; Sumit Kumar*, Jawaharlal Nehru University; Ratna Patel, International Institute for Population Sciences

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Sulaiman K M*, International Institute for Population Sciences; Ram B Bhagat

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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  
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P6-9  Evolving Fertility Goals and Behaviors in Current Childbearing Cohorts  
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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, Universite 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?  
Robin Rice*, Payal Chakraborty, The Ohio State University; Lisa Keder, The Ohio State University; Abigail Norris Turner, The Ohio State University; Maria Gallo, The Ohio State University

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Germinah T Motshegwa*, North West University; Martin Palamuleni, North West University

P6-15  Demand for Family Planning Satisfied With Modern Methods in Urban Malawi: CHAID Analysis to Identify Predictors and Women Underserved by Family Planning Services  
Nurudeen Alhassan*, African Institute for Development Policy (AFIDEP); Nyovani Madise, African Institute for Development Policy (AFIDEP)

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Blair Darney, Oregon Health & Science University; Frances Biel*, OCHIN; Megan Hoopes, OCHIN; Maria Rodriguez, Oregon Health & Science University; Brigit Hatch, Oregon Health & Science University; Miguel Marino, Oregon Health & Science University; Jee Oakley, OCHIN; Teresa Schmidt, OCHIN; Erika Cottrell, OCHIN

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Justin DANSOU, University of Ibadan, Nigeria; Fidelia Dake*, University of Ghana; Lorretta Favour C. Ntoimo, 3Department of Demography and Social Statistics, Federal University Oye-Ekiti, Ekiti State, Nigeria

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Justin DANSOU*, University of Ibadan, Nigeria; Fidelia Dake, University of Ghana; Lorretta Ntoimo, Federal University Oye-Ekiti, Nigeria

P6-19  Traveling for Abortion Services in Mexico, 2016–2019: Community-Level Contexts of Women Able to Access Services  
Laura Jacobson*, OHSU-PSU School of Public Health; Biani Saavedra, Center for Research and Teaching in Economics (CIDE); Evelyn Fuentes-Rivera, Instituto Nacional de Salud Publica; Raffaela Schiavon, Independent Consultant; Blair Darney, Oregon Health & Science University

P6-20  The Paradox of Parenthood and Happiness: Exploring the Role of the Brain  
Valentina Rotondi*, University of Oxford; Nicola Barban, University of Essex; Carlo Reverberi, University of Milano-Bicocca; Maria Sironi, University College London

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Richard Daramola*

P6-22  “Fertility as Mobility” in India  
Manjistha Banerji*, National Council of Applied Economic Research

Fengqing Chao*, King Abdullah University of Science and Technology; Christophe Guilmoto, Université de Paris; Hernando Ombao, King Abdullah University of Science and Technology

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Madalaine L’Esperance*, Adibah binti Abdulhadi; J. Michael Collins, University of Wisconsin-Madison

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Katharine Footman*, LSE

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Nicole De Wet-Billings*, University of the Witwatersrand

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Steffen Peters*

P6-29 Socioeconomic Factors in First Childbearing Postponement in Russia
Elizaveta Zelnitskaia*, Center for Economic Research and Graduate Education – Economics Institute

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Chris Boyd Leon*, University of Minnesota

Muhammad Wazir*, UNFPA

P6-32 Exploring User-Centered Counseling in Contraceptive Decision-making: Evidence From a Field Experiment in Urban Malawi
Mahesh Karra, Frederick S. Pardee School of Global Studies, Boston University; Kexin Zhang*, Boston University

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Susannah Gibbs*, Oregon State University; S. Marie Harvey, Oregon State University

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Mathieu Arbogast*

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Olaide Ojoniyi*

P6-36 Age at Modern Contraceptive Initiation and Associated Factors Among Sexually Active Unmarried Adolescents in Nigeria
Olaide Ojoniyi*; Kanayo Ogujiuba, University of the Western Cape.; Nancy Stiegler, University of the Western Cape.

P6-37 Using Longitudinal Cohort Data to Assess Birth and Pregnancy Reporting Concordance Among Women in Uganda
Dana Sarnak*, Johns Hopkins Bloomberg School of Public Health; Carrie Wolfson, Johns Hopkins Bloomberg School of Public Health; Grace Sheehy, Johns Hopkins Bloomberg School of Public Health; Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health; Alison Gemmill, Johns Hopkins School of Public Health

P6-38 Accuracy of Wives’ Proxy Reports of Husbands’ Fertility Preferences in Sub-Saharan Africa
Dana Sarnak*, Johns Hopkins Bloomberg School of Public Health; Stan Becker, Johns Hopkins University

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Christopher Hook, Promundo; Karen Hardee*, Hardee Associates; Tim Shand, Consultant; Sandra Jordan, Consultant; Margaret E. Greene, Promundo

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Mridula Shankar*, Johns Hopkins Bloomberg School of Public Health; Suzanne Bell, Johns Hopkins Bloomberg School of Public Health; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health

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Francesco Rampazzo*, University of Oxford; Alyce Raybould; Pietro Rampazzo; Ross Barker

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Bruno Arpino*, University of Florence; Ryohel Mogi, Centre d’Estudis Demogràfics

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Inbar Weiss*, University of Texas at Austin

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Angela Chang*, Danish Institute for Advanced Study; Morten Skovdal, University of Copenhagen

P6-47  The Role of Ethnicity Within Sub-Saharan Africans’ Fertility Preferences  
Jet Wildeman*, Radboud University; Jeroen Smits, Radboud University; Sandor Schrijner, Radboud University

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Chiara Ludovica Comolli*, University of Lausanne; Gunnar Andersson, Stockholm University

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KAKOLI DAS*, SASWATA GHOSH, INSTITUTE OF DEVELOPMENT STUDIES KOLKATA (IDSK)

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Selin Köksal*, Bocconi University

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Linea Zimmerman*, Johns Hopkins Bloomberg School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Grace Sheehy, Johns Hopkins Bloomberg School of Public Health; Jessica Dozier, Johns Hopkins Bloomberg School of Public Health; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health; Mahari Gidey

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Martha Bailey, University of California, Los Angeles; Vanessa Lang*, University of Michigan, Institute for Social Research; Lea Bart, University of Michigan; Iris Vrioni, University of Michigan; Paula Fomby, University of Michigan; Jennifer Barber, Indiana University; Daniel Eisenberg, University of California, Los Angeles; Vanessa Dalton, University of Michigan

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Mazhar Mughal*, Pau Business School, France; Rashid Javed, ESC Pau Business School

P6-54  Premarital Sexual Attitudes and Behaviors in Afghanistan  
Rasoul Sadeghi*, University of Tehran; Victor Agadjanian, University of California Los Angeles

P6-55  Unbraiding Discordance in Reporting Contraceptive Use Between Husbands and Wives in India: Covert Use or Discrepancy?  
Md Juel Rana*, Jawaharlal Nehru University; Kuriath James

P6-56  Couple Dynamics in Sex Preference, Fertility Intentions, and Behaviors in India  
Md Juel Rana*, Jawaharlal Nehru University

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Linea Zimmerman*, Johns Hopkins Bloomberg School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Alison Gemmill, Johns Hopkins Bloomberg School of Public Health; Elizabeth Larson, Performance Monitoring for Accountability (PMA), Johns Hopkins Bloomberg School of Public Health; Philip Anglewicz, Johns Hopkins University; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health; Suzanne Bell, Johns Hopkins Bloomberg School of Public Health

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Clara Busse*, Katherine Tuminson, University of North Carolina at Chapel Hill

P6-59  Validation of a Reproductive Empowerment Scale in Plateau State, Nigeria  
Mahua Mandal*, University of North Carolina-Chapel Hill; Lisa Marie Albert, Palladium; Bryan Shaw

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Ji Hye Kim*, Mary Noonan, University of Iowa; Hyunsik Chun, University of Iowa

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Alexandra Wollum*, Marta Bornstein, University of California, Los Angeles; Alison Norris, The Ohio State University; Jessica Gipson, University of California-Los Angeles

P6-63  Fertility Transition and Patterns of Development in Districts of India, 2001–2016
Sayantani Chatterjee*, International Institute for Population Sciences

P6-64  Understanding the Providers Preference and Practices for Family Planning Service Among Newly Married Women of North India
Abhishek Kumar*, Population Council

P6-65  Why Is Korea’s Fertility So Low (TFR: 0.92 in 2019)? An Explanation Based on the Role of Population Density
Woorim Ko*, YEJIN LiM, Myunggu Jung, London School of Hygiene & Tropical Medicine; Youngtae Cho, Seoul National University

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Sara Riese*

P6-67  Factors Affecting the WHO-Recommended Minimum Interbirth Intervals in Rural India: Based on National Family Health Survey 4
SOURAV CHOWDHURY*, Vineet Kumar

P6-68  An investigation into determinants of modern contraceptive use and unmet need for family planning among the urban poor: Evidence from two states of India
Ankita Siddhanta*; Ajay Singh, IPE Global

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Yemi Adewoyin*, University of Nigeria; Clifford Odimegwu, University of Witwatersrand

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Carolina Cardona*, Johns Hopkins Bloomberg School of Public Health; Philip Anglewicz, Johns Hopkins University; Amy Tsui, Johns Hopkins University

P6-71  Progress in Reducing Inequalities in Modern Contraceptive Use in FP2020 Focus Countries: Results From 46 Countries Using a Cross-Sectional Design
Carolina Cardona*, Johns Hopkins Bloomberg School of Public Health; Jean Chrestophe Rusatira, Bill & Melinda Gates Institute for Population and Reproductive; Carolina Salmeron, Johns Hopkins University; Saifuddin Ahmed, Johns Hopkins University

P6-72  Assessing the Impact of Changing Marriage Patterns on Future Trends in Contraceptive Use and Needs Among Adolescents
Philipp Ueffing*, United Nations Population Division; Vladimirka Kantorova, United Nations; Mark Wheldon, United Nations Population Division; Aisha Dasgupta, United Nations Population Division; Joseph Molitoris, Lund University

P6-73  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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Jessica Dozier*, Johns Hopkins Bloomberg School of Public Health; Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health; Solomon Shiferaw, School of Public Health, Addis Ababa University; Assefa Seme Deresse, Addis Ababa University; Mahari Gidey; Shannon Wood, Johns Hopkins Bloomberg School of Public Health

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Maria-Letizia Tanturri*, University of Padova; Annalisa Donno, University of Padua; Giulia Zanini, Queen Mary University of London

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Alberto Del Rey*, University of Salamanca; Mikolaj Stanek; Rafael Grande, University of Malaga
Maria Vignau Loria*, University of Washington; Aasli Nur; Xinguang Fan; Sara Curran, University of Washington

P6-94 Minority-Majority Religious Group Differences in Fertility: A Propensity Score Matching Approach Applied to South Asia
Saman Naz*, Pennsylvania State University; Mary Shenk, Pennsylvania State University

P6-95 Assessing Contextual Variation in Demographic Divergence Within Sub-Saharan Africa
Kirsten Stoebenau*, University of Maryland; Heide Jackson, University of Maryland; Emily Smith-Greenaway, University of Southern California; Sangeetha Madhavan, University of Maryland-College Park; Sacha St-Onge Ahmad, University of Maryland

P6-96 Who Wants Another Child: Nonparental Child Care Availability and Fertility Intention in China
Zequn Tang*, Shanghai University

P6-97 Estimating Desired Family Size With Demographic Survey Data: A Synthetic Cohort Approach
Jason Thomas*, The Ohio State University; John Casterline, The Ohio State University

P6-98 Trends in Multiracial Births in the United States From National Vital Statistics Birth Data
Rhiannon Kroeger*, Louisiana State University; Jenjira Yahirun, Bowling Green State University

P6-99 The Early Pregnancy Attitudes Scale and Variation in First-Birth Timing by Nativity and Race/Ethnicity
Guadalupe Aguilera*

196 Children and Youth With Disabilities and Their Families
CHAIR: Carrie Shandra, State University of New York at Stony Brook
DISCUSSANT: Camila Kopalshnikova, Oxford
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196-1 Childhood Disabilities and Differential Parental Time Investments in Siblings
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

196-3 “Our Legs are Tied to His Legs”: Long-Term Care of Adolescents With Developmental Disability in Rural India
Manoj Joseph*, Tata Institute of Social Sciences

196-4 Childhood Disability, Parental Marital Dissolution, and Absent Father’s Involvement After Marriage Breakup
Kai Feng*, University of Pennsylvania; Laurin Bixby

197 COVID-19 and School Closures
CHAIR: Kate Choi, University of Western Ontario
DISCUSSANT: Patrick Denice, Western University
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197-1 Unequal Opportunity Spreaders: School Closure Timing and COVID-19 Deaths in the United States
Emily Rauscher*, Brown University; Ailish Burns, Brown University

197-2 Countries Embracing Maternal Employment Have Opened Schools Sooner After COVID-19 Lockdowns
Ansgar Hudde*, Max Planck Institute for Demographic Research; Natalie Nitsche, Wittgenstein Centre (IIASA, VID/OAW, WU)

197-3 Learning Inequality During the COVID-19 Pandemic
Per Engzell*, University of Oxford; Arun Frey, University of Oxford; Mark Verhagen, University of Oxford

197-4 Access to Digital Education and Learning in the Times of COVID-19: A Latent Class Analysis
Santanu Pramanik*, National Council of Applied Economic Research; Reem Ashraf; Bijay Chouhan, National Council of Applied Economic Research; Sonalde Desai, University of Maryland

198 New Methods for Modeling Social Stratification and Social Change
CHAIR: Yun Taek Oh, Minnesota Population Center & University of Minnesota
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Hunter Wapman, University of Colorado; Elizabeth Bruch*, University of Michigan; Daniel Larremore, University of Colorado

198-2  Tempo Effect Adjustment of Period Total Fertility Rate, Based on a Location-Scale Model  
Stefano Mazzuco*, Universita di Padova; Lucia Zanotto

198-3  Differential Pace of Fertility Decline, Social Mobility, and Inequality  
Matheus Menezes dos Santos*, Cedeplar/UFMG

198-4  Method for Reconstructing Mortality by Socioeconomic Group  
Laszlo Nemeth*, Max Planck Institute for Demographic Research; Domantas Jasilionis, Max Planck Institute for Demographic Research; Henrik Brennum-Hansen, University of Copenhagen; Dmitry Jdanov, Max Planck Institute for Demographic Research

199  Educational Inequality in Developing Countries  

CHAIR: Ernesto Amaral, Texas A&M University  
DISCUSSANT: David Lam, University of Michigan

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199-1  Start What You Finish! Ex Ante Risk and Schooling Investments in the Presence of Dynamic Complementarities  
Andrew Foster, Brown University; Esther Gehrke*

199-2  Intergenerational Mobility of Education in Vietnam  
Khoa Vu*, Maria Lo Bue, United Nations University-World Institute for Development Economics Research

199-3  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

199-4  Changes in Assortative Matching and Educational Inequality: Evidence From Mexico  
Jacob Penglase*, San Diego State University; Lauren Hoehn-Velasco

200  Advances in Poverty and Inequality Research  

CHAIR: Maggie Jones, U.S. Census Bureau  
DISCUSSANT: Timothy Smeeding, University of Wisconsin-Madison  
DISCUSSANT: Rachel Shattuck, U.S. Census Bureau

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200-1  The Changing Impact of Parenthood on Earnings Inequality From 1989–2019  
Benjamin Rosche*, Cornell University; Kelly Musick, Cornell University

200-2  Becoming Doubled-up: The Formation of Shared Households  
Hope Harvey*, University of Kentucky

200-3  Cash Versus Food: How Does Food Stamp Eligibility Affect the Family Security of SSI Recipients?  
Marianne Bitler, University of California, Davis; Lucie Schmidt*, Williams College; Amelia Hawkins, Brandeis University

200-4  The Impact of Early Family Income on Crime and Risky Behaviors  
Revathy Suryanarayana*

201  Gender and Families  

CHAIR: Léa Pessin, Pennsylvania State University  
DISCUSSANT: Rhiannon Miller, Johns Hopkins University

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201-2  Are Educated Men Vanguards of Changing Gender Relations? A Couple-Level Analysis  
Barbara Okun*; Liat Raz-Yurovich, The Hebrew University of Jerusalem

201-3  Family Complexity and the Division of Household Labor
201-4 Couples’ Work Arrangements After First Birth: The Role of Family Leave Policies
Ann Meier*, University of Minnesota; Jessie Himmlerstern; Kelly Musick, Cornell University; John Warren, University of Minnesota

202 Flash: Marital and Family Formation and Relationship Outcomes
CHAIR: Sharon Sassler, Cornell University

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202-1 Revisiting the Relationship Between Marriage and Health in Japan
Fumiya Uchikoshi*, Princeton University; Noreen Goldman, Princeton University; James M Raymo, Princeton University

202-2 Dowry Inflation: Perception or Reality?
Jane Lankes*, Mary Shenk, Pennsylvania State University

202-3 The First Family Formation Among Young Americans: The Role of Family Process
Ali Roghani*, Corey Sparks, University of Texas - San Antonio

202-4 Educational Advantage and Earnings Lead? Assortative Mating and Spousal Pay Gap
Zhenchao Qian*, Brown University; Yifan Shen, Brown University

202-5 The Variability of the Age at First Marriage Across Education Levels and Birth Cohorts: A Case of Taiwan
Hao-Chun Cheng*

202-6 Adverse Childhood Experience, Suicidal Ideation, Education, and First Marriage in Adulthood
Wen-Hsu Lin*; Chin-Chun Yi, Institute of Sociology, Academia Sinica

202-7 Transition Into First Marriage in Northern Taiwan: Does Adolescent Self-esteem Matter?
Chia-Yu Lee*, Chi Chiao, National Yang-Ming University; Wen-Hsu Lin

203 Sex, Childbearing, and Qualitative Perspectives
CHAIR: John Santelli, Columbia University
DISCUSSANT: Jennifer Hirsch, Columbia University

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203-1 Masculinity, Money, and the Postponement of Parenthood in Nigeria
Daniel Smith*, Brown University

203-2 When Desires Compete: The Role of Sexual Desire and the Desire to Avoid Pregnancy on Young Women’s Sexual Behavior and Contraceptive Use
Michelle Eilers*, University of Texas at Austin

203-3 Why Do Women Delay Childbearing in Mumbai? An Exploration Into the Reasons of Delay
Aishwarya. *; P. Arokiasamy, International Institute for Population Sciences, Mumbai, India

203-4 What Children Mean: A Comparative Qualitative Analysis in China, Japan, and Spain
Yun Zhou*, University of Michigan; Xiana Bueno, Centre d’Estudis Demogràfics; Mary Brinton, Harvard University

204 The Structural Determinants of Racial/Ethnic Disparities in Reproductive Health
CHAIR: Rachel Hardeman, University of Minnesota
DISCUSSANT: Goleen Samari, Columbia University
DISCUSSANT: Tiffany Green, University of Wisconsin-Madison

10:45 AM-12:00 PM — Open Water

204-1 Racial and Ethnic Abortion Disparities Following Georgia’s 22-Week Gestational Age Limit
Elizabeth Mosley*, Emory University; Sara Redd, Emory University; Emily Lemon, Emory University; Sophie Hartwig, Emory University; Subasri Narasimhan, Emory University; Erin Berry, Emory University; Eva Lathrop, PSS; Lisa Haddad, Population Council; Roger Rochat, Emory University; Carrie Cwiak, Emory University; Carrie Cwiak, Emory University; Kelli Hall, Columbia University

204-2 LGBT-Specific State Policies and Maternal Hypertension
Bethany Everett*, University of Utah

204-3 Inconsistent Access to Reproductive Healthcare Among Abortion Patients in Mississippi
<table>
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<th>Session</th>
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<th>Authors</th>
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<td>204-4</td>
<td>Evaluating Disparities in Access to Obstetric Services for American Indians Across Montana</td>
<td>Margaret Williams*, University of Alabama at Birmingham; Kari White, University of Texas at Austin; Kari White, University of Texas at Austin; Ronald McGarvey, University of Missouri; Janelle Palacios, Kaiser Permanente Northern California; Andreas Thorsen, Montana State University</td>
</tr>
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</table>
| 205     | Sexual Behaviors and Health | **CHAIR:** Lawrence Stacey, The Ohio State University  
**DISCUSSANT:** Brooke West, Columbia University |
| 205-1   | Suicides in Sweden Among Older Men Following an Abrupt Increase in the Availability of Sildenafil | Ralph Catalano, UC Berkeley; Sidra Goldman-Mellor, University of California, Merced; Tim-Allen Bruckner*, University of California, Irvine; Terry Hartig, University of Uppsala |
| 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 Hightower-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 |
| 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 |
| 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 Revisiting 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 Alvarez-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 Demografics

### 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’Hygïne 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; Chodziwadiwa Kabudula, University of the Witwatersrand; Jennifer Manne-Goehler, Massachusetts General Hospital

Brian Houle, The Australian National University; Chodziwadiwa Kabudula, University of the 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
Amanda Ng*, University of Maryland; Natalie Slopen, University of Maryland School of Public Health
210-3  Socioeconomic Status in Midlife and Later-Life Cognitive Function
Amal Harrati*, Stanford University; Lauren Schmitz, 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 Rüenauer*, 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*, Johns Hopkins University
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
Christopher Prener*, Saint 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
214 Inequality in the Transition to Adulthood

CHAIR: Jessica Hardie, Hunter College, CUNY
DISCUSSANT: Youngmin Yi, University of Massachusetts Amherst

1:00 PM-2:15 PM — Open Water

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

1:00 PM-2:15 PM — Open Water

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*; Llana 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

1:00 PM-2:15 PM — Open Water

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; Inger 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)
### The Contingency of Neighborhood Diversity: Variation of Social Context Using Mobile Phone Location Data

Wenfei Xu*, Columbia University

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### Factors Associated With Educational Outcomes in Developing Countries

**CHAIR:** Ernesto Amaral, Texas A&M University  
**DISCUSSANT:** Jocelyn Finlay, Harvard University

**1:00 PM-2:15 PM — Open Water**

- **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

### Aging and Caregiving

**CHAIR:** Esther Friedman, RAND Corporation  
**DISCUSSANT:** Sung Park, Harvard  
**DISCUSSANT:** Sung Park, Harvard

**1:00 PM-2:15 PM — Open Water**

- **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 Alvarez-Gutierrez*, 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

### Parenthood and The Gender Division of Labor

**CHAIR:** Léa Pessin, Pennsylvania State University  
**DISCUSSANT:** Jane Lankes, The Pennsylvania State University

**1:00 PM-2:15 PM — Open Water**

- **219-1**  
  **Occupational Earnings Inequality, Time Use, and Subjective Well-being: Variations by Sex and Parental Status**  
  Youngwhan Song*, Union College

- **219-2**  
  **Family-to-Work Conflict During the COVID-19 Pandemic**  
  Miranda Berrigan*, 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

### 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 Danney, 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

221 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

221-1 Adult Familial Death and First Birth Timing
Heather Rackin*, Louisiana State University; Christina Gibson-Davis, Duke University

221-2 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

221-3 Speed Premium: (Unexpected) Health Consequences of a Policy Reducing Birth Spacing
Enrico Debiasi*, Siddartha Aradhya, Lund University; Sol Juarez, Stockholm University

221-4 Motherhood Biographies and Midlife Women’s Health
Mieke Thomeer*, University of Alabama at Birmingham; Rin Reczek, The Ohio State University

222 Sexual Minority (LGBQAI+) Populations
CHAIR: Trenton Mize, Purdue University
DISCUSSANT: Trenton Mize, Purdue University
1:00 PM-2:15 PM — Open Water

222-1 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

222-2 Explaining Regional Differences in Attitudes Toward Gay Men and Lesbians: The Contextual Influence of Education
Jason Budge*

222-3 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

222-4 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

223 Social Context, Immigration, and Health
CHAIR: Janeria Easley, Emory University
DISCUSSANT: Christina Diaz, University of Arizona
1:00 PM-2:15 PM — Open Water

223-1 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; Güççe 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
Childhood Exposure to War and Adult Onset of Cardiometabolic Disorders
Steven Haas*, Penn State University; Daniel Ramirez

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

Early Childhood Conditions and Later-Life Loneliness in the United States
Shiro Furuya*, University of Wisconsin-Madison; Jia Wang, University of Wisconsin-Madison

A Life Course Perspective on BMI and Obesity in Rural America
Shelley Clark*, McGill University

Socioeconomic Status and Mortality in Europe
CHAIR: Joseph Lariscy, University of Memphis
DISCUSSANT: Isaac Sasson, Tel Aviv University
DISCUSSANT: Rhiannon Miller, Johns Hopkins University

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

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

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

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

Environment, Migration, and Marriage
CHAIR: Audrey Dorélien, University of Minnesota
DISCUSSANT: Heather Randell, Pennsylvania State University
DISCUSSANT: Tamara McGavock, Grinnell College

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

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

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

Climate Variability and the Timing of Marriage in Coastal Bangladesh
Amanda Carrico*, University of Colorado - Boulder; Katharine Donato, Georgetown University

Measuring Structural Racism
CHAIR: Hedwig Lee, Washington University in St. Louis
DISCUSSANT: Lauren Brown, San Diego State University

Structural Racism: Time to Pop the Bucky Ball
229-2 Conceptualizing and Measuring Cultural Racism
Courtney Cogburn*, Columbia University

229-3 The Importance of Unpacking our Core Concepts in Race and Immigration Research
René Flores*, University of Chicago

229-4 Quantifying and Mapping Structural Racism across Societal Domains
Tyson Brown*, Duke University

230 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

230-1 Panelist
Elizabeth Garner*, Colorado Department of Local Affairs

230-2 Panelist
John Thompson*, University of Virginia

230-3 Panelist
John Czajka*, Mathematica Policy Research, Inc

230-4 Panelist
Susan Strate*, University of Massachusetts Amherst

P7 Gender and Sexuality; and Health and Health Behavior
1:30 PM-3:00 PM — Open Water Poster Gallery

P7-1 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

P7-2 Spatial Analysis of Cardiovascular Mortality and Associated Factors Around the World
Bernardo Queiroz*, CEDEPLAR; Emerson Baptista, Asian Demographic Research Institute (ADRI)

P7-3 Equal Access to Healthcare During a Public Health Emergency: Insights From Family Connects During The COVID-19 Pandemic
Anna Rybińska*, Duke University; Debra Best, Duke University; W. Benjamin Goodman, Duke University; Yu Bai, Duke University; Winona Weindling, Duke University; Kenneth A. Dodge, Duke University

P7-4 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

P7-5 Death in the War on Drugs: Homicide Mortality in the Mexico–United States Border
Uriel Lomeli-Carrillo*, University of Texas at San Antonio

P7-6 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

P7-7 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

P7-8 Propensity Score Analysis of the Effect of Single-Sex Education on Korean Adolescents
Ekaterina Baldina*

P7-9 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

P7-10 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 Woofe, 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
Rachel Yorlets*; Mark Lurie, Brown University; Carren Ginsburg, University of the Witwatersrand; Mark Collinson, University of the Witwatersrand; Xavier Gomez-Olive, University of the Witwatersrand; Michael White, Brown University

P7-33 Typologies of How Filipino Smokers Responded to the 2012 Sin Tax Reform Act
Kent Jason Cheng*, Syracuse University; Miguel Antonio Estrada, University of the Philippines Diliman

P7-34 Sleep Duration Among Middle Eastern Immigrants in the United States: Analysis From the National Health Interview Survey, 2004–2018
Neveen Shafeek Amin*, University of Arkansas at Little Rock; Connor Sheehan, Arizona State University

P7-35 Better Health, Higher Fertility? Health Status as a Determinant of Fertility Intentions Among Migrants in Italy
Giammarco Alderotti, University of Florence; Eleonora Trappolini*, University of Milano-Bicocca

P7-36 Individual Factors Associated With Parent-Adolescent Communication on Sexual and Reproductive Health Issues in Urban Slums of Ibadan, Southwest Nigeria
Taofeek Aliyu*; Joshua Aransiola, Obafemi Awolowo University, Ile-Ife, Nigeria

P7-37 Unmet Need for Sexual and Reproductive Health Information and Services Among Young African Adults in Kenya, Nigeria, and South Africa
Emmanuel Olamijuwon*, University of the Witwatersrand

P7-38 Diverging Sex Trends of Disease-Free Life Expectancy at Age 65 Across Spanish Regions
Pilar Zuerras*, University of Essex; Elisenda Renteria, Centre d'Estudis Demogràfics

P7-39 Risk of Developing Noncommunicable Diseases in Later Life Among the Overweight and Obese Women in India: Insights From a Nationally Representative Longitudinal Study?

P7-40 Role of Government Sponsored Health Insurance Schemes in Improving Healthcare Access and Reducing Household Out-of-Pocket Payment for Inpatient Care

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

P7-42 Understanding Social Isolation in Rural Senegal Through an Exploratory Sequential Mixed-Methods Design
Véronique Deslauriers*, Université de Montréal; John Sandberg, George Washington University; Simona Bignami, Université de Montréal

P7-43 Rural-Urban Cancer Disparities: The Role of Physician Supply
Michael Topping*, University of Wisconsin; Wesley James, University of Memphis

P7-44 Are Partner and Nonpartner Violence Victimization During Adolescence Connected With Experiences of Minor Sex Trafficking?
Hannahabeth Franchino-Olsen*, University of North Carolina at Chapel Hill; Sandra Martin, University of North Carolina at Chapel Hill; Carolyn Halpern, University of North Carolina at Chapel Hill; John Preisser, University of North Carolina at Chapel Hill

P7-45 Housing Cost Burden and Physical Health of Internal Migrant Populations in Urban China
Yi Wang*

P7-47  Post-Migration Emotional Well-being Among Black South Africans  
Mark Lee*, University of Minnesota; Liying Luo, Pennsylvania State University

P7-48  Disability Status and the Experience of Unexpected Pregnancy in 5 Low- and Middle-Income Countries  
Kerry MacQuarrie*, The DHS Program (Avenir Health); Julia Fleuret, The DHS Program (ICF)

P7-49  The Impact of Prime-Age Adult Death on Household Consumption, Expenditure, and Income in India: Evidence From a Nationally Representative Longitudinal Survey  
Moradhvaj Moradhvaj*, Jawaharlal Nehru University; Nandita Saikia, Jawaharlal Nehru University

P7-50  The Impact of Conditional Cash Transfers on the Height and Weight of Young Children: Evidence From the Mamata Scheme in Odisha, India  
Vedavati Patwardhan*, University of Washington

P7-51  Increasing Multiple Chronic Conditions (MCC) and Their Associated Predictors Among the Aging Population in Europe: Findings From the Survey of Health, Ageing and Retirement in Europe (SHARE)  
Vijay Kumar Mishra*, Public Health Foundation of India; Surbhi Shrivastava, Emory University

P7-52  Do Trait Psychological Characteristics Moderate Sympathetic Arousal to Racial Discrimination Exposure in a Natural Setting?  
Elizabeth Jelsma*, University of Texas at Austin; Bridget Goosby, University of Texas at Austin; Jacob Cheadle, University of Texas

P7-53  Millennial Generation Versus Generation X: Early Adulthood Differences in Cardiovascular Health  
Melissa Martinson*, University of Washington; Jessica Lapham, University of Washington

P7-54  Sexual Minorities and the Hospital Burden of Cardiometabolic Diseases: A Canadian Population-Based Cohort Analysis  
Neeru Gupta*, University Of New Brunswick; Zihao Sheng, Dalhousie University

P7-55  Cardiovascular Disease Prevalence Differentials Over Time: A Decomposition Analysis for India  
Ayantika Biswas*, International Institute for Population Sciences (IIPS)

P7-56  Contextual Analysis of Cardiovascular Disease Risk Factors in India  
Ayantika Biswas*, International Institute for Population Sciences (IIPS)

P7-57  Contributors to Reduced Life Expectancy Among Native Americans in the Four Corner States  
Oluosola Omisakin*, Utah State University; Eric Reich, Utah State University; Hyojun Park, Utah State University; Max Roberts

P7-58  Price Anchoring or Positive Learning? The Effect Of Short-Term Subsidies for Potable Water Delivery Using a Randomized Field Experiment in Rural India  
Drew Cameron*, Yale University, School of Public Health

P7-59  Predictors of Migration in an HIV Hyperendemic Rural South African Community: Evidence From a Population-Based Cohort, 2001–2017  
Armstrong Dzomba*, University of the Witwatersrand; Hae-Young Kim, New York University; Andrew Tomita, University of KwaZulu-Natal; Alain Vandormael, University of Heidelberg; Kaymarlin Govender, University of KwaZulu-Natal; Frank Tanser, University of Lincoln

P7-60  Multitype Childhood Maltreatment Exposure and Substance Use Development From Adolescence to Young Adulthood: A Gene-Environment Interaction Study  
Aura Ankita Mishra*, University of North Carolina at Chapel Hill; Kristine Marceau; Sharon Christ, Purdue University

P7-61  Spare the Rod and Spoil the Child? The Relationship Between Domestic Corporal Punishment in Childhood and Later-Life Outcomes in China  
Xuejie Ding*, University of Oxford; Muzhi Zhou, University of Oxford

P7-62  Migrant Adolescent Female Head Porter’s Experience of Out-of-Pocket Healthcare Payments and Impoverishment in Ghana  
Edmund Wedam Kanmiki*, University of Ghana; Gilbert Abotsem Abiiero, University for Development Studies; Kennedy Alatinga, University for Development Studies

P7-63  Can Progress Toward Universal Health Coverage Explain Country-Level Variation in COVID Cases and Deaths?  
Bishnu Thapa*

P7-64  The Effect of Prenatal Exposure to Flood on the Cognitive Impairment of Children  
Chao Guo*, Peking University; Xiaoying Zheng, Peking University
P7-65  Effect of Alcohol Drinking on All-Cause and Cause-Specific Mortality Among U.S. Adults, 2001–2015
Muntasir Masum*, University of Texas at San Antonio; Jeffrey Howard, University of Texas at San Antonio

P7-66  Early Marriage and Intergenerational Consequences of Female Genital Cutting: Evidence From Egypt
Chon-Kit Ao*, National Cheng Kung University; Zhan-Mei Lin, Taipei Fubon Commercial Bank Co.; Crystal Wong

P7-67  What If the Living Arrangement Is Not What You Want? The Health Consequences of Living Arrangement Discordance Between Reality and Preference in Later Life: Evidence From China
Dan Chen*, Chinese University of Hong Kong

P7-68  Geographical Variations in Disease and Out-of-Pocket Expenditure: A Study in Selected District of Rajasthan
Rajan Gupt*

P7-69  The Age Pattern of Diabetes Mortality in the Americas
Julia Calazans*, Cedeplar - Federal University of Minas Gerais; Bernardo Queiroz, CEDEPLAR

P7-70  Is Healthy Immigrant a Wealthy Immigrant? Migrant Women’s Reproductive Health in Finland, 2007–2017
Heini Vaisanen*, University of Southampton; Hanna Remes, University of Helsinki; Pekka Martikainen, University of Helsinki

P7-71  Reverse Migration of Laborers in the Surge of COVID-19 in India: A Bane for the Country
Singh Shrikant*, International Institute for Population Sciences

P7-72  The Impact of Primary Care Policy Changes on Hospitalization for Ambulatory Care Sensitive Conditions: Notes From the South
Raphael Guimaraes*, Oswaldo Cruz Foundation and University of Campinas

P7-73  Improving Tuberculosis Treatment Success Rate through Improved Nutrition Supplements and Counselling: Findings from a Pilot Intervention in India
Ajay Singh*, IPE Global; Anjali Siddhanta

P7-74  Health Services and Access Across Latinx Destinations
Elizabeth Ackert*, University of California, Santa Barbara; Pedro Aristizabal, University of California Santa Barbara; Sung Hee Hong, University of California Santa Barbara; Jessica Martinez, University of California Santa Barbara; Gabriel Van Praag, University of California Santa Barbara; Robert Crosnoe, University of Texas at Austin

P7-75  Medical Marijuana and Site of Death: Evidence From the National Vital Statistics Mortality Data
Divya Bhagianadh*, Kanika Arora, University of Iowa

P7-76  Best Practices for Measuring the Social, Behavioral, and Economic Impact of Epidemics Using Secondary Data
James McNally*, National Archive of Computerized Data on Aging; Kathryn Lavender, National Archive of Computerized Data on Aging; Margaret C. Levenstein, University of Michigan

P7-77  Worldwide Dietary Patterns and Their Relationship to Dietary Change Among Immigrants to the United States
Rebecca Jones*, Emory University; Craig Hadley, Emory University; Solveig Cunningham, Emory University

P7-78  Long-Term Effects of Social Insurance on Adult Mortality: Evidence From Three Social Programs in Mexico
Emma Aguila, University of Southern California; William Dow, University of California-Berkeley; Susan Parker*, University of Maryland

P7-79  Explaining Variation in Declining Air Pollution Levels Across Metropolitan Areas
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

P7-80  Declining Self-rated Health for Left-Behind Wives in Rural Mozambique: The Role of Men’s Migration Success and Spousal Communication
Natalie Jansen*, Victor Agadjanian, University of California Los Angeles

P7-81  More Than Low Birth Weight: A Distributional Decomposition of Racial Disparities in Birth Weight
Hannah Olson*, University of Pennsylvania

P7-82  Consequences of BMI Guidelines for Mothers and Infants: Structural Discrimination or Beneficial Treatments?
Jessica Polos*, University of Wisconsin–Madison

P7-83  Infant and Neonatal Mortality, Birth Size, and Birth Interval: A Structural Equation Modeling Approach
Francesco Scalone*, University of Bologna
P7-84 Composite Index of Anthropometric Failures in India: Evidence From National Family Health Survey  
Sripriya Reddy*, Jawaharlal Nehru University

Sumedha Sumedha*, Jawaharlal Nehru University

P7-86 United States Examination of the Health and Well-being of Young Adults on Community of Supervision  
De Andre’ Beadle*, University of Minnesota

P7-87 Relationship Between Early-Adolescent Contest, Experiences of Discrimination, and Cardiovascular Risk in Young Adulthood  
Linnea Evans*, Northern Arizona University; Yixuan Cheng, UW-Madison

P7-88 The Contribution of Varying Female Community Autonomy Levels to Child Nutritional Status  
Marco Antonio Faytong Haro*, The Pennsylvania State University

P7-89 Intimate Partner Violence (IPV) Prevention Using a Cross-Sectoral Couple-Based Intervention  
Neetu John, Columbia University Mailman School of Public Health; Ayodeji Adebayo*, University of Ibadan; Meroji Sebany, International Center for Research on Women; Funmi Olaolorun, University of Ibadan

P7-90 Examining Smoking and Alcohol Consumption Among Asian American Subgroups: Do Gender, Socioeconomic Status, and Acculturation Matter?  
Hari Poudel*, University of Missouri, Columbia; Mansoo Yu, University of Missouri

P7-91 Levels and Trends in the Sex Ratio at Birth and Missing Female Births for Pakistan Provinces and Estimation of Provincial Imbalances  
Fengqing Chao, King Abdullah University of Science and Technology; Muhammad Wazir*, UNFPA; Hernando Ombao, King Abdullah University of Science and Technology

P7-92 From Light-Switch to Landscape: Latent Profiles of Sexual Identity Development Milestones in a National Probability Sample of Sexual Minority People  
Meg Bishop*, University of Texas at Austin; Allen Mallory, University of Texas Austin; Stephen Russell, University of Texas at Austin

P7-93 World Culture on the Ground: The Varied Effects of the 16 Days of Activism Against Gender Violence in Malawi  
Jeffrey Swindle*, University of Michigan

P7-94 Eritrean Refugees and Family Fragmentation Across the Euro-African Mediterranean  
Fiori Berhane*

P7-95 The Effects of Fraternal Gender and Birth Order on the Formation of Same-Sex Couples: Evidence From Population-Level Administrative Data  
Jan Kabatek*, Francisco Perales, The University of Queensland; Christine Ablaza, The University of Queensland

P7-96 Son Bias and HIV  
Bluette Arcady Mongou*, Roland Pongou, University of Ottawa

P7-97 Gender Aspects of the Tobacco Epidemic in Russia  
Irina Kalabikhina*, Lomonosov Moscow State University; Polina Kuznetsova, The Russian Presidential Academy of National Economy and Public Administration (RANEPA)

P7-98 A Multilevel Test of the Pathways Between Housing Instability and Intimate Partner Violence: The Protective Mediating Role of Perceived Social Support  
Patricia Lewis*, Kathryn Yount, Emory University; Weihua An, Emory University; Janeria Easley, Emory University

P7-99 PrEPare for Trouble: Risk Compensation and the Unintended Consequences of PrEP  
Luis Faundez*, University of Illinois at Chicago

P7-100 Determinants and Consequences of Domestic Violence in the Global South  
Justine Herve*; Sophie Mitra

P7-101 Social Inclusion Among Women With Mobility Limitations in the Global South  
Shane Burns*, University of Alabama at Birmingham

P7-102 Intersectional Stigma and Mental Health Among Transgender Women Sex Workers Living With HIV in the Dominican Republic
P7-103  Gender Relations and the Uptake of Contraceptive and Antenatal Care Services in Sub-Saharan Africa
Yemi Adewoyin*, University of Nigeria; Clifford Odimegwu, University of Witwatersrand

P7-104  COVID-19 Lockdown, Women’s Empowerment, and Intimate Partner Violence: Experiences of Female Domestic Workers (FDWs) in the Metropolis of Karachi, Pakistan
BHAVITA KUMARI*, Tulane University; Mai Do, Tulane University School of Public Health

P7-105  LGBT Population in Brazil, Their Vulnerabilities, and Impacts of COVID-19
Samuel Silva*, Cedeplar UFMG; Fernanda Fortes De Lena, University of Campinas

P7-106  When Women Eat Last: Discrimination at Home and Women’s Mental Health
Payal Hathi, UC Berkeley; Diane Coffey, Population Research Center; Amit Thorat, NCAER; Nazar Khalid*, University of Pennsylvania

P7-107  “We’re the Experts on Our Own Bodies”: How Women Choose Between Physicians and Midwives for Prenatal and Birth Care
Anna Church*, The Ohio State University

P7-108  Measuring Women’s Control Over Income and Decision-making: A Comparison of Nationally Representative Surveys
Jessica Heckert*, International Food Policy Research Institute; Mai Mahmoud, Tufts University; Kalyani Raghunathan, International Food Policy Research Institute; Greg Seymour

P7-109  Marital Rape in India: A Noncriminal Crime
Atreyee Sinha*, International Institute for Population Sciences

P7-110  The Association Between Union Status and Intimate Partner Violence Victimization: Gender and Age Variation in a Novel Dataset
Mick Cunningham*, Western Washington University; Julie Morris, Western Washington University; Kristin Anderson, Western Washington University

P7-111  Timing, Heterogeneity in Educational Pathways, and Implications for Physical Health Among U.S. Adults at Midlife
Katrina Walsemann, University of Maryland, College Park and the Maryland Population Research Center; Stephanie Urena*, Florida State University; Jennifer Mandelbaum, University of South Carolina

231  Social and Behavioral Determinants of Cognitive Aging Across the Life Course

CHAIR: Yoonyoung Choi, The Ohio State University
DISCUSSANT: Miles Taylor, Florida State University

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231-1  Marital Loss and Cognitive Health: Does Timing Matter?
Zhenmei Zhang*, Michigan State University; Hui Liu, Michigan State University; Yan Zhang, Michigan State University

231-2  The Role of Fertility and Partnership History in Later-Life Cognition
Maria Sironi*, University College London

231-3  Inequality of Educational Opportunity at Time of Schooling Predicts Cognitive Functioning in Later Adulthood
Anja Leist*, University of Luxembourg; Eyal Bar-Haim, Ben-Gurion University of the Negev; Louis Chauvel, University of Luxembourg

231-4  The Time Path of Weight Status Before and After Incident Dementia
Yuan Zhang*, University of North Carolina at Chapel Hill; Virginia Chang, New York University

232  The Returns to Education in Young Adulthood

CHAIR: Carrie Shandra, State University of New York at Stony Brook
DISCUSSANT: Jennie Brand, University of California, Los Angeles

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232-1  Who Benefits Most From “Some College”? College Dropout and Economic Returns in Young Adulthood
Christina Ciocca Eller*, Harvard University; Natasha Quadlin, University of California, Los Angeles; Ohjae Gowen
232-2 Wage Inequality Among Vocational Secondary Graduates in Formal and Informal Urban Areas of Egypt
May Gadalla, Cairo University; Rania Roushdy*, The American University in Cairo

232-3 Sub-Baccalaureate Credentials and Economic Inequality in Young Adulthood
Alec Rhodes*, The Ohio State University

232-4 College Characteristics and Assortative Mating Patterns Among First-Generation College Graduates
Michael King*, U.S. Census Bureau

233 COVID-19: Risk factors and mortality

CHAIR: Jennifer Dowd, University of Oxford
DISCUSSANT: José Manuel Aburto, University of Southern Denmark

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233-1 Assessing the Impact of the COVID-19 Pandemic on U.S. Mortality: A County-Level Analysis
Andrew Stokes*, Boston University; Dielle Lundberg, Boston University; Katherine Hempstead, Robert Wood Johnson Foundation; Irma Elo, University of Pennsylvania; Samuel Preston, University of Pennsylvania

233-2 Patterns, Demographic Profile and Risk Factors of COVID-19 Severe Outcomes Across 17 European Countries
Simona Bignami*, Université de Montréal; Daniela Ghio, Joint Research Centre European Commission; Nikolaos Stilianakis, Joint Research Centre European Commission; Ari Van Assche, HEC Montréal

233-3 Commuting Network Spillovers and COVID-19 Deaths Across U.S. Counties
Christopher Seto*, Aria Khademi, The Pennsylvania State University; Corina Graif, The Pennsylvania State University; Vasant Honavar, The Pennsylvania State University

233-4 Using Causes of Death to Understand the Pathways of COVID-19-Related Excess Mortality and Their Unequal Burden by Race
Elizabeth Wrigley-Field*, University of Minnesota, Twin Cities; Sarah Garcia, University of Minnesota; J.P. Leider, University of Minnesota; Magali Barbieri, Institut National d’Études Démographiques (INED); Rebecca Wurtz, University of Minnesota

234 Simulation and Machine Learning in Demography

CHAIR: Elizabeth Bruch, University of Michigan
DISCUSSANT: Filiz Garip, Cornell University

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234-1 American Despair? A Machine Learning Approach to Predicting Self-destructive Behaviors
Lauren Gaydosh*, Vanderbilt University; Charreau Bell, Vanderbilt University; Benjamin Lane, Vanderbilt University; Ali Yaqoob, Vanderbilt University; Katrina Tsun, Vanderbilt University; Rachel Fan, Vanderbilt University; Marina Yue, Marina Yue; Kathleen Harris, Add Health - Carolina Population Center; William Copeland, University of Vermont; Lilly Shanahan, University of Zurich; Sherika Hill, University of North Carolina; Jennifer Godwin, Duke University

234-2 Supervised Machine Learning and Population Register Data in Studying Predictors for Long-Term Unemployment in Early Adulthood
Sanni Kuikka*, Stockholm University

234-3 Using Machine Learning to Predict Nonresponse and to Mitigate Nonresponse Bias
Jasper Cooper, University of California San Diego and GSA Office of Evaluation Sciences; Michael DiDomenico, GSA Office of Evaluation Sciences; Rebecca Johnson*, Dartmouth College and GSA Office of Evaluation Sciences

234-4 Prediction of Unwanted Pregnancy in India: A Machine Learning Approach
Prashant Verma*, Banaras Hindu University; Kaushalendra Kumar Singh, Banaras Hindu University; Mukti Khetan, Indian Institute of Technology Bombay

235 Immigrant Educational and Economic Outcomes

CHAIR: Pia Orrenius, Federal Reserve Bank of Dallas
DISCUSSANT: Marianne Bitler, University of California, Davis
DISCUSSANT: Carla Pederzini, Universidad Iberomericana

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235-1 Earnings Assimilation of Second and Later Generation Men: Evidence From Administrative Records
Andres Villarreal*, University of California, Los Angeles; Christopher Tamborini, U.S. Social Security Administration

Why Does Ethnic Segregation at Work Decline Across Immigrant Generations? Evidence From Norwegian Linked Employer-Employee Data
Mats Lillehagen*, University of Oslo; Are Skeie Hermansen, University of Oslo

Skills, Immigration, and New Inequality in the United States, 1994–2019
Allison Dunatchik, University of Pennsylvania; Rebecca Schut*, University of Pennsylvania; Xi Song, University of Pennsylvania

A “Win-Win Exercise”? Eastern European Children in Western Europe
Nathan Hoffmann*, University of California, Los Angeles

Economic Consequences of Caregiving
CHAIR: Kamila Kolpashnikova, Oxford
DISCUSSANT: Stephanie Rennane, RAND
DISCUSSANT: Stephanie Rennane, RAND
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The Wage Gap Between Informal Caregivers and Non-Caregivers From a Life Course Perspective
Klara Raiber*, Mark Visser, Radboud University; Ellen Verbakel, Radboud University; Martin van Hees, VU Amsterdam

Juggling Paid Work and Elderly Care Provision in Japan: Does a Flexible Work Environment Help Family Caregivers Cope?
Yoko Niimi*

Economic Effects of Long-Term Care Insurance: Evidence From Korean Panel Data
Hoolda Kim*, Black Hills State University; Sophie Mitra

Immigrant, Refugee, and Transnational Families
CHAIR: Asad Asad, Stanford University
DISCUSSANT: Mao-Mei Liu, University of California, Berkeley
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Household Earnings and Extension: Examining the Roles of Ethnicity and Nativity Statuses Among the Six Major Asian Groups
Veena Kulkarni*, Arkansas State University

Transnational Marriages in the United States: A Test of Competing Explanations
Inbar Weiss*, University of Texas at Austin

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

Explaining the Increase of Migration From the United States to Mexico Using New Data Sources: Binational Citizens in the Face of Immigration Enforcement
Victor Garcia-Guerrero, El Colegio de Mexico; Claudia Masferrer*, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de Mexico

Contraceptive Behaviors in Low- and Middle-Income Countries
CHAIR: Katherine Tumlinson, University of North Carolina at Chapel Hill
DISCUSSANT: Sarah Bradley, Abt Associates
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Contraceptive Use, Method Mix, and Method Availability: A Multilevel Analysis
Lindsay Mallick*, University of Maryland; Shireen Assaf, ICF international (The DHS Program); Michelle Weinberger, Avenir Health; Gbaike Ajayi, ICF (The DHS Program)

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 (PMA), 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 Omuluabi, CRERD; Funmilola OlaOlorun, University of Ibadan, Ibadan, Nigeria

Interpreting the Contribution of Improvements in Wealth Status to Rising Global Contraceptive Prevalence

Preliminary
238-4 Contraceptive Use and Method Mix Dynamics in Sub-Saharan Africa
Ayaga Bawah*, University of Ghana; Pearl Kyei, University of Ghana; Charles Asabere, University of Ghana

239 Fertility Changes in Less-Developed Countries

CHAIR: David Sanchez Paez, Université catholique de Louvain
DISCUSSANT: Kathleen Beegle, World Bank

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239-1 Savings and the Demographic Dividend: Evidence From a Macrosimulation Model
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

240 Sex Preference

CHAIR: Batool Zaidi, Western Washington University
DISCUSSANT: Batool Zaidi, Western Washington University

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240-1 “It’s Not a Girl, It’s Not a Boy... It’s a Baby”: Is There a Growing Preference of Children of Any Gender Among Young Urban Women in India?
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

240-4 Explaining Diffusion of Son Preference Across Social Groups Through the Lens of Social Networks: A Household-Level Analysis of India
Ritwika Mukherjee*, Jawaharlal Nehru University; Ritwika Mukherjee*, Jawaharlal Nehru University

241 Gender, Sexuality, and Health

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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241-1 Male Out-Migration and the Health of Left-Behind Wives in India: The Roles of Responsibility and Autonomy
Lei Lei*, Rutgers University; Sonalde Desai, University of Maryland

241-2 Sexual Obligation and Perceived Stress: A National Longitudinal Study of Older Adults
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

241-4 Changes in Happy Life Expectancy Among Russian Adults: Results From 1994–2014
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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242-1 The Overlooked Effects of Mass Incarceration on Immigrant Health
Simon Ruhnke*

242-3 Citizenship Status, Prevalence, and Diagnosed and Undiagnosed Cardiovascular Health Outcomes Among Adults in the United States
Kazumi Tsuchiya*, University of Minnesota, Minnesota Population Center; Ryan Demmer, University of Minnesota, School of Public Health

242-4 State-Level Immigrant Policy Climates and Healthcare Utilization Among U.S. Children of Immigrants
Molly Dondero*, American University; Claire Altman, University of Missouri, Columbia

243 Social and Spatial Disparities in Past Epidemics
CHAIR: Susan Leonard, University of Michigan
DISCUSSANT: Dylan Connor, Arizona State University
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243-1 Unpacking Variations in Mortality During the Spanish Influenza Pandemic: Examining Swedish Full-Population Data, 1910–1920
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, École Nationale de la Statistique et de l’Administration Économique; Felix Tropl**, University of Oxford; Tobias Rüttner, 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
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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 Slotjes, 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
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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; Yasuhiro 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

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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/ÖAW, University of Vienna) & Potsdam Institute for Climate Impact Research; Raya Mutarack, Vienna Institute of Demography; Jonas Peisker, Vienna Institute of Demography, Wittgenstein Centre for Demography and Global Human Capital (IIASA, VID/ÖAW, 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

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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
### 248 Employment Histories, Family, and Health

**CHAIR:** Michal Engelman, University of Wisconsin–Madison  
**DISCUSSANT:** Katie Jajtner, University of Wisconsin–Madison

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<td>Constance Beaufils*, Institut national d’études démographiques; Anna Barbucia, INED; Emmanuelle Cambois, INED</td>
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<td>Retirement Type and Cognitive Functioning in Japan</td>
<td>Masaaki Mizuochi*, Nanzan University; James M Raymo, Princeton University</td>
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<td>The Effect of Job Loss on Mortality Over Two Decades: An Examination of State-Owned Enterprise Workers in Urban China, 1989–2015</td>
<td>Qian Song*, University of Massachusetts Boston; Emily Lim, University of Massachusetts Boston</td>
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### 249 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

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<td>Ewa Batyra*, University of Pennsylvania; Hans-Peter Kohler, University of Pennsylvania</td>
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<td>Lonneke Berg*; Ellen Verbakel, Radboud University Nijmegen</td>
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<td>Lei Lei, Rutgers University; Quan Mai*</td>
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### 250 International Comparisons and the COVID-19 Pandemic

**CHAIR:** Cassio Turra, CEDEPLAR  
**DISCUSSANT:** Iliana Kohler, University of Pennsylvania

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<td>Timothy Riffe, Max Planck Institute for Demographic Research; Enrique Acosta*, Max Planck Institute for Demographic Research; The COVerAGE-DB team, Various</td>
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<td>International Differences in COVID-19 Mortality: Some Reflections on Diversity in Data Collection Systems</td>
<td>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 Caporali, Institut National d’Études Démographiques (INED); France Mesle, Institut national d’études démographiques (INED); Svitlana Poniakina, Institut National D’etudes Demographiques; Jean-Marie Robine, INSERM / U1198</td>
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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
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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
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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
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253-1 Gender Ideology in Europe: Plotting Normative Types in a Multidimensional Space
Maike Van Damme*, Pompeu Fabra University; Dimitris Pavlopooulos, 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

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Emily Smith-Greenaway*, University of Southern California; Eric Lungu, 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

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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; Osasuyl 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 Samak, Johns Hopkins Bloomberg School of Public Health; Charlotte Greenbaum, Population Reference Bureau; Kaitlyn Patterson, 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 Gueilla, Institut Supérieur des Sciences de la Population/University of Ouagadougou; Peter Gichangi, International Centre for Reproductive Health-Kenya; Linea 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

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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
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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
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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 Sanlürk*, 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
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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
259-4 Longevity and In Utero Exposure to the Influenza Pandemics in the 19th Century
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

260 Immigration Enforcement in the Age of Trump

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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260-1 Deportation and Place: Understanding Spatial Variation in U.S. Interior Immigration Enforcement
Margot Moinester*, Washington University in St. Louis

260-2 U.S. Interior Immigration Arrests, 2014–2018
Konrad Franco*, University of California, Davis; Caitlin Patler, University of California, Davis

260-3 Mapping Immigration Court Processes, Outcomes, and Deportation Decisions
Christopher Levesque*, University of Minnesota

Kassandra Hernandez*, University of California, Los Angeles; Jose Inoussa Aremou O Lawani, University of California, Berkeley

261 Immigration, Race, and Ethnicity

CHAIR: JooHee Han, University of Oslo
DISCUSSANT: William Haller, Clemson University

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261-1 Social Acceptance: Reconceptualizing Latino Immigrant Incorporation
Angie Ocampo*, University of Pennsylvania

261-2 Demographic Change and Perceptions of Racism
Christopher Maggio*

261-3 Socially Desirable Discrimination: What Employers Say Versus What They Do in the Case of Immigration
Nicole Kreisberg*, Brown University

261-4 Revisiting the Debate on Diversity and Cohesion: A Relational Approach in Multiethnic Classrooms
Linda Zhao*, Harvard University

262 Climate Change and Health

CHAIR: Nathalie Williams, University of Washington
DISCUSSANT: Victoria Sass, University of Washington

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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

262-2 The Impact of Heat Waves on Child Health in Africa
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

262-3 People’s Perception of Climate Change and Adaption With Daily Living: Evidence From Ladakh Region, India
Kacho Amir Khan*, International Institute for Population Sciences; Aparajita Chattopadhyay, International Institute for Population Sciences

262-4 Urban-Rural Differentials in Mortality Among Older Adults From Extreme Environmental Events
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
263  Are Generational Categories Meaningful Distinctions for Workforce Management?

CHAIR: Arne Kalleberg, University of North Carolina at Chapel Hill

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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

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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

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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 Kahn 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 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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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. Ruttigiano, 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

**Chair:** Cassio Turra, CEDEPLAR  
**Discussant:** Victor Garcia-Guerrero, El Colegio de Mexico

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<td>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</td>
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<td>Hannah Tessler*; Meera Choi; Grace Kao, Yale University; Gowoon Jung, Kyung Hee University; Youngshin Lim, Seoul National University; Hyunjoon Park, University of Pennsylvania</td>
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<td>COVID-19 Outbreak and Urban Dynamics: Regional Variations in India</td>
<td>Devarupa Gupta*, International Institute for Population Sciences</td>
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### 268 Race, Wealth, and Inequality

**Chair:** Liana Fox, US Census Bureau  
**Discussant:** Laurel Sariscany, Columbia University  
**Discussant:** Jose Pacas, University of Minnesota

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<td>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</td>
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### 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; Daniel Schneider*, 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
276-1 Eugenic Foundations of the Population Association of America
Carole McCann*

276-2 Social Demography and the Quest for a New Eugenics in the Twentieth Century United States
Edmund Ramsden*, Queen Mary University of London

276-3 Malthusian Fears in Current Migration Debates
Soumaya Majdoub*

276-4 Where Did Eugenics Go? A Ten-Year Update in History and Politics
Alison Bashford*

277 Unauthorized/Irregular Migration and Legalization/Regularization
CHAIR: Hamutal Bernstein, Urban Institute
DISCUSSANT: Juan Pedroza, University of California, Santa Cruz

277-1 Deportability and System Avoidance Among Latino Immigrants: Evidence From the American Time Use Study
Asad Asad*, Stanford University

277-2 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

277-3 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*

278 Flash: Social Networks, Social Support, and Health
CHAIR: Emily Smith-Greenaway, University of Southern California

278-1 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

278-2 Typologies of Dementia Caregiver Support Networks
Esther Friedman, RAND Corporation; David Kennedy*, RAND Corporation

278-3 How Older Widows’ Social Participation Changes Through the Bereavement Process
Jeremy Lim*, National University of Singapore

278-4 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*, Hanyang 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