

**PA2022**

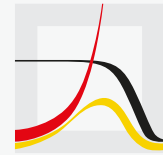
April 6-9, Atlanta, Georgia



**Population Association of America**

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**Population Association  
of America**  
**2022 ANNUAL MEETING**  
**FINAL PROGRAM**

April 6 – 9  
Atlanta, Georgia

**Population Association of America**

1436 Duke Street  
Alexandria, VA 22314  
301.565.6710

[www.populationassociation.org](http://www.populationassociation.org)

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April 6-9, Atlanta, Georgia

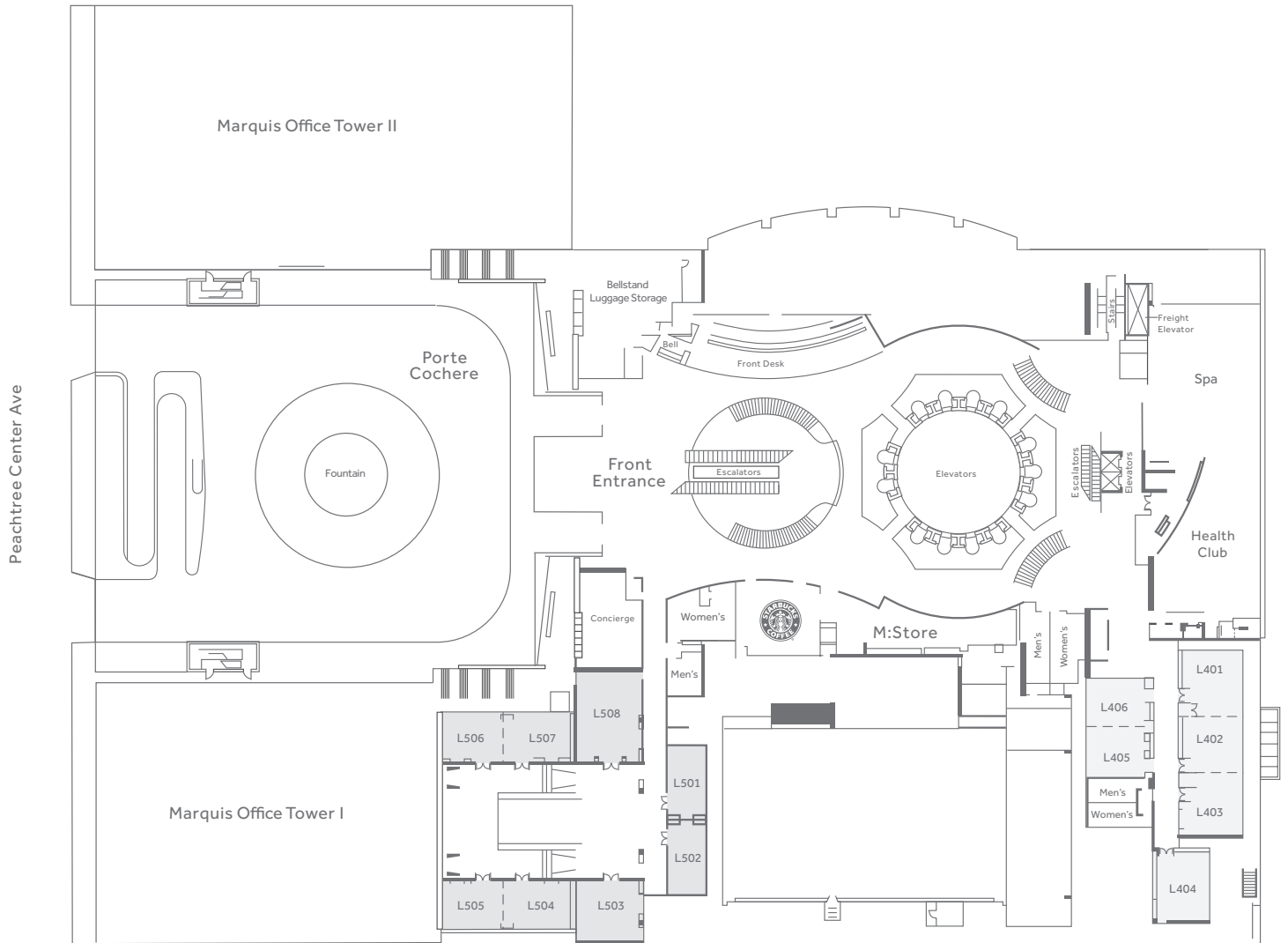
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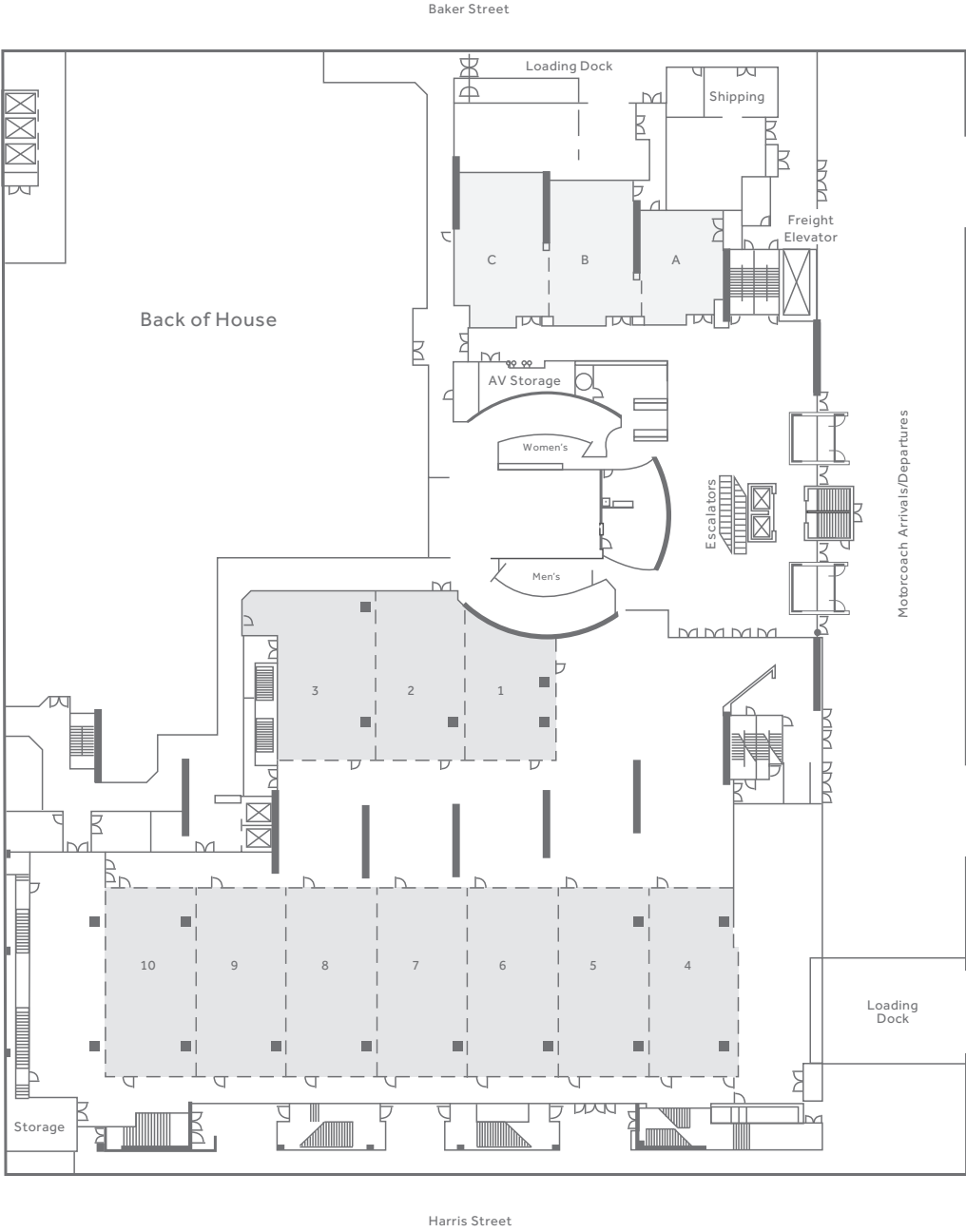
Abstracts available online through the #PAA2022 MeetingApp:  
*www.populationassociation.org/mobileapp or scan the code  
below with your internet connected device.*

# MEETING FACILITIES

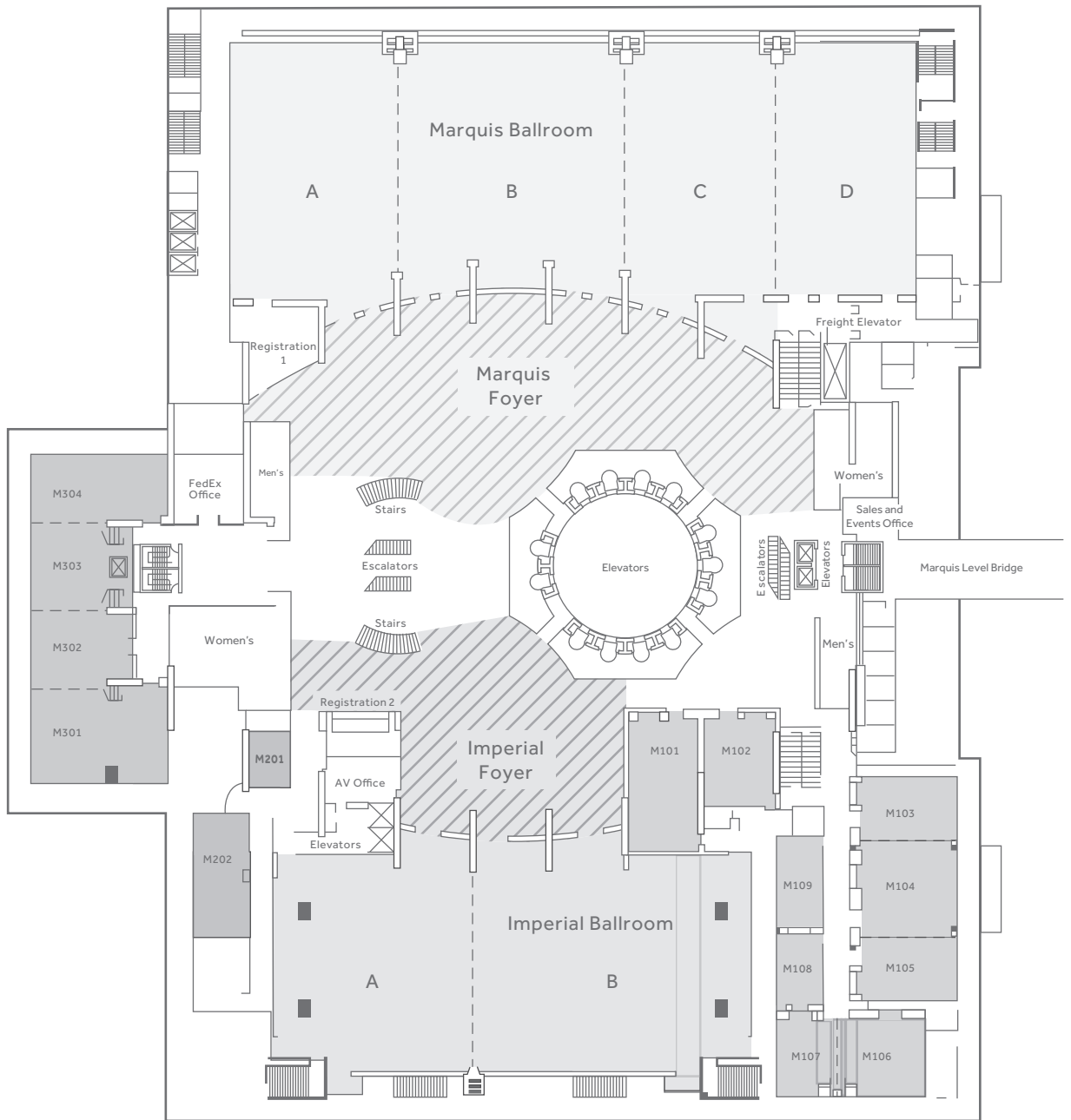
## Lobby level



# International level

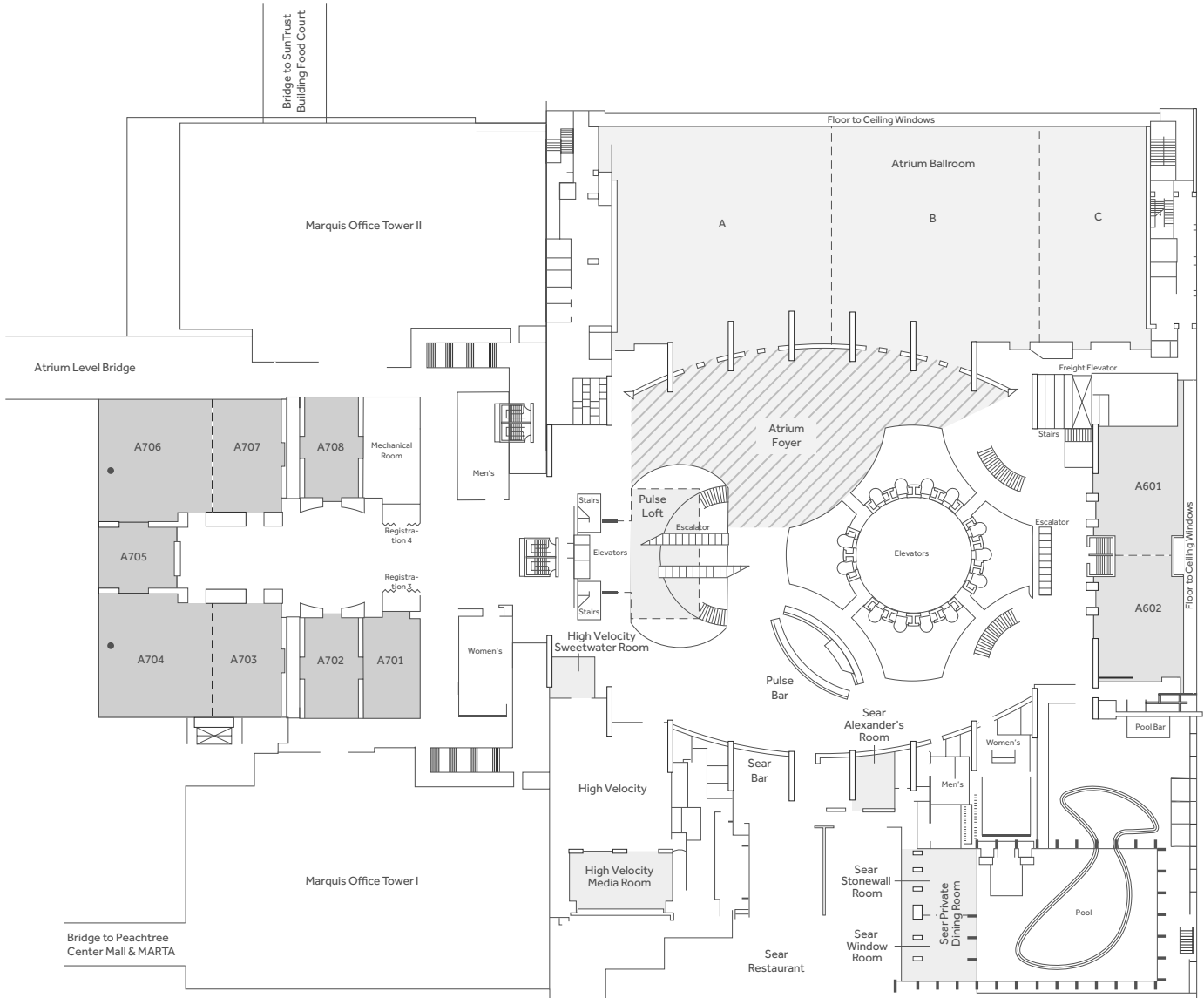


# Marquis Level





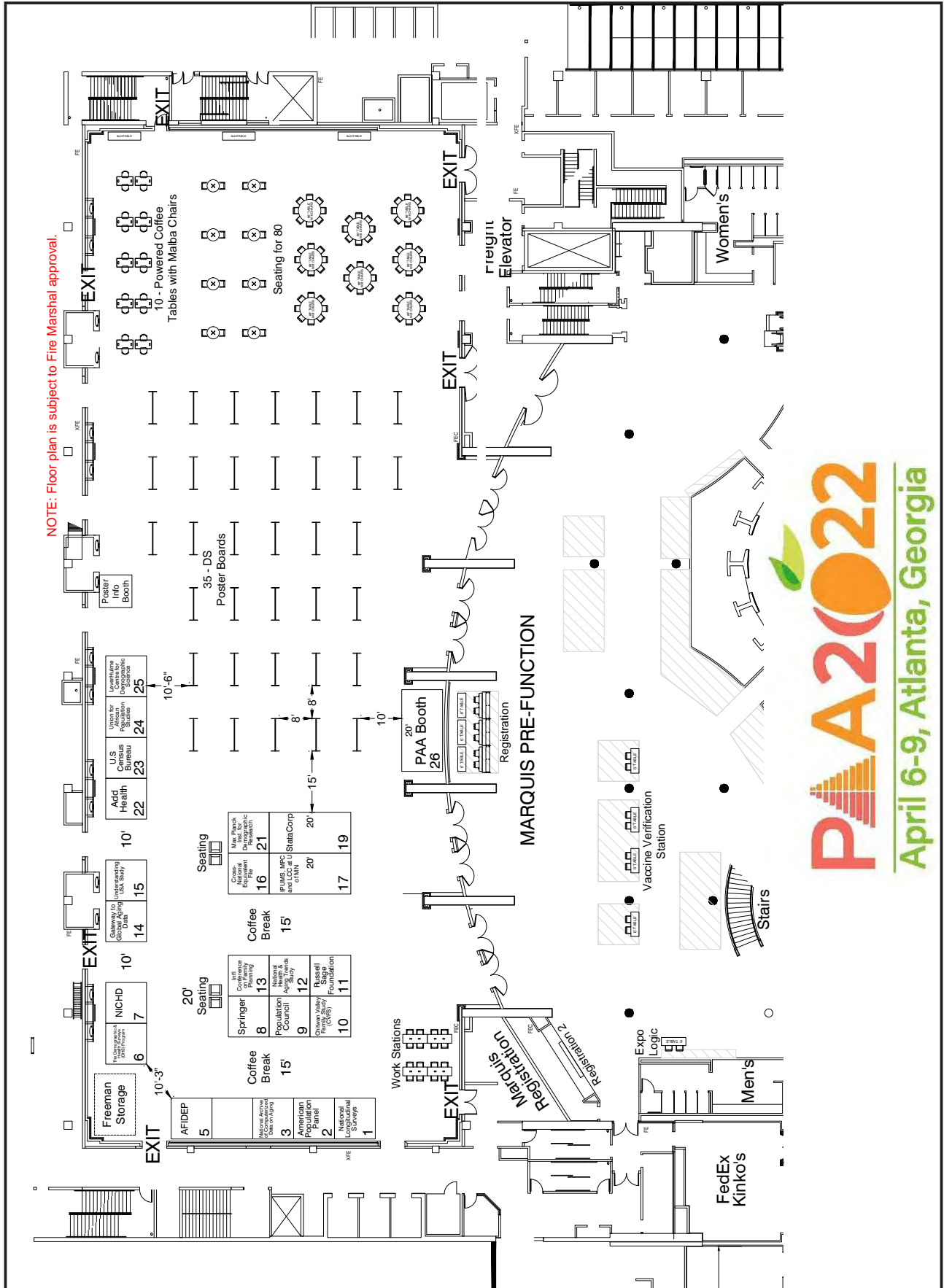
# Atrium level



# EXHIBITORS

EXHIBITORS	Booth Number
National Longitudinal Surveys	1
American Population Panel	2
National Archive of Computerized Data on Aging	3
COVID Coordinating Center at ICPSR	4
African Institute for Development Policy (AFIDEP)	5
The Demographic and Health Surveys (DHS) Program	6
NICHD	7
Springer	8
Population Council	9
Chitwan Valley Family Study (CVFS)	10
Russell Sage Foundation	11
National Health & Aging Trends Study	12
The International Conference on Family Planning (ICFP)	13
Gateway to Global Aging Data	14
Understanding America Study	15
Cross-National Equivalent File	16
IPUMS, MPC and LCC at U of MN	17 & 18
StataCorp	19 & 20
Max-Planck-Institute for Demographic Research	21
Add Health (National Longitudinal Study of Adolescent to Adult Health)	22
U.S. Census Bureau	23
Union for African Population Studies	24
Leverhulme Centre for Demographic Science	25
PAA & GPAC	26 & 27
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# PAA 2022 EXHIBIT HALL FLOOR PLAN



# ACKNOWLEDGEMENTS

Given the twists and turns of the pandemic over the last year, we are very grateful to everyone who went the extra mile to organize the PAA meeting this year. After two years of seeing each other only on a screen, many of us were eager for an in-person meeting. At the same time, the pandemic continues to place some members at risk, and U.S. visa offices were slow to reopen, making international travel difficult. The excellent staff at PAA rose to the challenge and proposed a hybrid meeting in which those who feel comfortable attending in person will be able to do so. Participants with health concerns or travel restrictions will participate virtually. While enabling everyone to participate, a hybrid meeting brings with it new challenges. We are deeply grateful to the creativity and energy of colleagues, friends, staff and supporters of PAA who have made PAA 2022 possible.

The 2022 PAA program consists of 235 sessions in 15 program areas. These sessions reflect the interdisciplinary diversity that makes up PAA, sociologists, economists, geographers, historians, political scientists, survey researchers and other health and social scientists. They also reflect how the field of population research has evolved with the new challenges facing our world, including the pandemic's challenges to population health and well-being and growing attention to diversity and inequality. We are grateful to the 64 program committee members and 165 session organizers, whose names are listed on the PAA website, for their dedication to crafting a stimulating and diverse program.

The 2022 PAA also includes 14 invited sessions, organized by PAA members, that provide an opportunity for PAA to examine new and exciting areas and to reflect on the way our field has evolved. These sessions also allow us to develop partnerships with population associations worldwide to develop a joint intellectual agenda.

Jennifer Van Hook has organized seven poster sessions with assistance from demography graduate students at Penn State University and University of Maryland and the recommendation of regular session organizers who recommended many papers for poster sessions. Over forty PAA members have volunteered as poster judges. All posters will be uploaded and judged online. Additionally, poster presenters may choose between presenting their work in person or online during their poster sessions.

Over the years, PAA has become an intellectual home to population scientists worldwide. PAA has tried hard to build bridges using cyber highways with its members, even as inexorable forces of nature have kept us apart. Webinars

and social media have helped us forge these connections with the help of enthusiastic members and dedicated staff. We thank PAA members and organizers of webinars and online events and enthusiastic stalwarts of social media for keeping these connections alive.

The daunting challenge of organizing a hybrid meeting could not have been undertaken without the effort and dedication of PAA staff. Danielle Staudt, PAA's executive director, took the challenge of evolving a new meeting format in her stride. With her experience and institutional memory for meeting organization, Bobbie Westmoreland expertly managed the process of developing call for proposals, paper selection, and program construction. Francesca Morton, Finance and Meeting Manager, has handled the registration process flawlessly, while PAA's Communications and Membership Manager Betsy Alafoginis has risen to the challenge of expanding PAA's online communications.

We are also profoundly grateful to colleagues and friends throughout the population sciences community and our home institutions, the University of Maryland and Pennsylvania State University, for sharing their time and insights throughout the process of developing this program. Past PAA Program Co-Chairs Eileen Crimmins and Sara Curran (PAA 2020) and Robert Hummer and Marcy Carlson (PAA 2021) generously shared their experiences, making the task of organizing this even less daunting for us. While experimenting with a new format for the Annual Meeting will undoubtedly bring new challenges, we hope that learning from this experience will enrich the planning for PAA 2023. We look forward to supporting Co-Chairs for 2023 PAA, Lisa Berkman and Jim Raymo, as they develop the program for PAA 2023 in New Orleans.

Most of all, we are grateful to you, PAA members and attendees, for making this an exciting experience. If you can attend PAA in person, we look forward to greeting you and hope that the safety measures implemented will increase your comfort in interacting with your colleagues. If distance or health needs lead you to participate virtually, we hope you will participate fully and add to the intellectual richness of the meeting. Most importantly, we hope that PAA 2023 will bring us a safer and more connected world.

With warm regards,

Sonalde Desai and Jennifer Van Hook  
2022 Program Committee Co-Chairs

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Manager



## 2022 MEMBER-INITIATED MEETINGS

### WEDNESDAY, APRIL 6

**9:00 am–10:30 am**  
ML402

**NIH Program Officer/ P2C Administrator Meeting**  
**Rachel Charney**, *Penn State / Population Research Institute*  
[ruc260@psu.edu](mailto:ruc260@psu.edu)

**12:00 pm–2:00 pm**  
L508

**The National Couples' Health and Time Study (NCHAT): For New and Prospective Users**  
**Claire Kamp Dush**, *University of Minnesota*  
[kampdush@umn.edu](mailto:kampdush@umn.edu)

**4:30 pm–5:30 pm**  
L406

**Southern Demographic Association (SDA) Board Meeting**  
**Johnelle Sparks**, *University of Texas at San Antonio*  
[johnelle.sparks@utsa.edu](mailto:johnelle.sparks@utsa.edu)

**5:00 pm–6:00 pm**  
L402

**Crowd-Sourcing a Data Dissemination System for Measures of Structural Racism and Structural Discrimination**  
**Claire Kamp Dush**, *University of Minnesota*  
[kampdush@umn.edu](mailto:kampdush@umn.edu)

### THURSDAY, APRIL 7

**7:00 am–8:00 am**  
L406

**Research on East Asian Demography and Inequality**  
**James M. Raymo**, *Princeton University*  
[jraymo@princeton.edu](mailto:jraymo@princeton.edu)

**9:00 am–3:00 pm**  
L503

**Census Bureau Hiring and Recruiting**  
**Amber Crawford**, *US Census Bureau*  
[Amber.Crawford@census.gov](mailto:Amber.Crawford@census.gov)

**6:00 pm–10:00 pm**  
L401

**Penn State's Population Research Institute Reception**  
**Rachel Charney**, *Penn State/Population Research Institute*  
[ruc260@psu.edu](mailto:ruc260@psu.edu)

**6:45 pm–8:00 pm**  
L507

**Institute for Social Research (ISR) Reception**  
**Anna Massey**, *ISR Events Manager*  
[abeattie@umich.edu](mailto:abeattie@umich.edu)

### FRIDAY, APRIL 8

**9:00 am–3:00 pm**  
L503

**Census Bureau Hiring and Recruiting**  
**Amber Crawford**, *US Census Bureau*  
[Amber.Crawford@census.gov](mailto:Amber.Crawford@census.gov)

**6:30 pm–8:30 pm**  
L508

**UAPS Members Meeting**  
**Makafui Dordoh**, *Union for African Population Studies*  
[uaps@uaps-uepa.org](mailto:uaps@uaps-uepa.org)

## 2022 INVITED SESSIONS

THURSDAY, APRIL 7

**18 THE GREAT DEMOGRAPHIC ILLUSION: RACIAL CHANGE IN THE UNITED STATES***CHAIR: Reynolds Farley, University of Michigan*

Topic 15. Race and Ethnicity

**8:00 AM-9:15 AM International 3**

- 18-1 **Panelist - Discussant**  
Nicholas Jones, *U.S. Census Bureau*
- 18-2 **Panelist - Discussant**  
Carolyn Liebler, *University of Minnesota*
- 18-3 **Panelist - Discussant**  
Dowell Myer, *University of Southern California*
- 18-4 **Panelist - Discussant**  
Emilio Parrado, *University of Pennsylvania*
- 18-5 **Author of "The Great Demographic Illusion"**  
Richard Alba, *City University of New York*

**35 Measuring Sex, Gender Identity, and Sexual Orientation: Findings From a National Academies Study***CHAIR: Tara Becker, National Academy of Sciences*

Topic 9. Gender and Sexuality

**9:45 AM-11:00 AM International 3**

- 35-1 **Guidelines for the Measurement of Sex and Gender**  
Kellan Baker, *Whitman-Walker Institute*
- 35-2 **Balancing Science and Community Innovation in Measuring Sexual Orientation Identity**  
D'Lane Compton, *University of New Orleans*
- 35-3 **Measuring Gender Identity for the National Institutes of Health: Recommendations from the National Academy of Sciences, Engineering, and Medicine**  
Aliya Saperstein, *Stanford University*
- 35-4 **Developing Measures of Intersex Status/ Differences in Sex Development at the Population Level**  
Tara Becker, *National Academy of Sciences*

**53 Health and Mortality Statistics in the United States: Challenges and Plans***CHAIR: Narayan Sastry, University of Michigan*

Topic 12. Mortality and Morbidity

**11:30 AM-12:45 PM International 3**

- 53-1 **Data Developments and Modernization at the NCHS**  
Brian Moyer, *National Center for Health Statistics*
- 53-2 **NIA Update on Data Development for Demographic Research on Aging**  
John Phillips, *National Institute on Aging*
- 53-3 **OASIS for Monitoring State and Local Health at the Georgia Department of Public Health**  
Margaret Levenstein, *University of Michigan*
- 53-4 **Data Advancements through the Social, Behavioral, and Economic Research on COVID-19 Consortium**  
Gordon Freymann, *Georgia Department of Public Health*

**69 Implications for Population Research of Federal Efforts to Address Diversity, Equity, and Inclusion***DISCUSSANT: Hedwig Lee, Washington University in St. Louis**CHAIR: Vida Maralani, Cornell University*

Topic 15. Race and Ethnicity

**2:00 PM-3:15 PM International 3**

- 69-1 **Panelist**  
Kellina Craig-Henderson, *National Science Foundation Social, Behavioral, Economic Directorate*
- 69-2 **Panelist**  
Marie Bernard, *National Institutes of Health Scientific Workforce Diversity Initiative*
- 69-3 **Panelist**  
Nathaniel Stinson, *National Institute on Minority Health and Health Disparities, NIH*

## 86 Family Demography: Where Is It Now? Where Should It Be Going?

CHAIR: **Lingxin Hao**, *Johns Hopkins University*

Topic 7. Family Demography

3:45 PM-5:00 PM International 3

- 86-1 **Panelist**  
**Frances Goldscheider**, *Brown University*
- 86-2 **Panelist**  
**Wendy Manning**, *Bowling Green State University*
- 86-3 **Panelist**  
**Philip Cohen**, *University of Maryland, College Park*
- 86-4 **Panelist**  
**Andrew Cherlin**, *Johns Hopkins University*

## 87 Social Mobility and the Development of Inequalities Over the Life Course

DISCUSSANT: **Jonathan Horowitz**, *University of Toronto*

CHAIR: **Xavier St-Denis**, *Institut National De La Recherche Scientifique, Centre Ucs*

Topic 6. Education, Work and Economic Inequality

3:45 PM-5:00 PM M106

- 87-1 **Intergenerational Income Mobility and the Role of the Transmission of Occupation**  
**Catherine Haeck**, *Université du Québec à Montréal*
- 87-2 **New Findings on Intergenerational Wealth Mobility**  
**Fabian Pfeffer**, *University of Michigan*
- 87-3 **The Unequal Impact of the COVID Pandemic on Infant Health**  
**Florencia Torche**, *Stanford University*
- 87-4 **Socioeconomic Resources and Mental Health in Canada: Examining Stability and Change Over the Life Course**  
**Adam Vanzella Yang**, *University of British Columbia*

## 104 The Future of Publishing in the Population Sciences

CHAIR: **Mark Hayward**, *University of Texas at Austin*

Topic 5. Data and Methods

5:30 PM-6:45 PM International 3

- 104-1 **Panelist**  
**Stephen Matthews**, *Pennsylvania State University*
- 104-2 **Panelist**  
**Corey Sparks**, *University of Texas at San Antonio*
- 104-3 **Panelist**  
**Sara Curran**, *University of Washington*
- 104-4 **Panelist**  
**Raya Muttarak**, *International Institute for Applied Systems Analysis*
- 104-5 **Panelist**  
**Joshua Wilde**, *Max Planck Institute for Demographic Research*

FRIDAY, APRIL 8

## 121 Evaluating the Quality of the 2020 Census

DISCUSSANT: **Constance Citro**, *Committee on National Statistics*

CHAIR: **Marc Perry**, *U.S. Census Bureau*

Topic 2. Applied Demography

8:00 AM-9:15 AM International 3

- 121-1 **Demographic Analysis Estimates of Net Coverage Error for the 2020 Census**  
**Eric Jensen**, *U.S. Census Bureau*  
**Sandra Johnson**, *U.S. Census Bureau*
- 121-2 **Highlights from the 2020 Census Operational Quality Metrics**  
**Michael Bentley**, *U. S. Census Bureau*
- 121-3 **A Review of Issues of Concern in the Reporting of 2020 Census Results in North Carolina**  
**Mike Cline**, *North Carolina Office of State Budget & Management*
- 121-4 **Miscounts and Error in the 2020 Census: Findings from a Simulation Model**  
**Diana Elliott**, *Urban Institute*  
**Steven Martin**, *Urban Institute*

## 139 Looking to the Future With Applied Demography

*DISCUSSANT: Jason Devine, U.S. Census Bureau*

*CHAIR: Jason Devine, U.S. Census Bureau*

Topic 2. Applied Demography

**9:45 AM-11:00 AM** International 3

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139-1 **Applied Demography From the Perspective of a Private Sector Demographer**

*Sarah Burgoyne, Nielsen*

139-2 **Applied Demography From the Perspective of a Pop Center Demographer**

*Karen Guzzo, Bowling Green State University*

139-3 **Applied Demography From the Perspective of a Local Government Demographer**

*Erica Maurer,*

139-4 **Applied Demography From the Technological Perspective**

*Christopher Dick, Georgetown University*

## 157 Achieving Sustainable Development in Africa: The Roles of Population Dynamics and Climate Change Vulnerability

*DISCUSSANT: TBD Discussant,*

*CHAIR: Donatien Beguy, UN-Habitat*

Topic 14. Population, Development & Environment

**11:30 AM-12:45 PM** International 3

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157-1 **Panelist**

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

157-2 **Panelist**

*Samuel Codjoe, University of Ghana*

157-3 **Panelist**

*Clive Mutunga, U.S. Agency for International Development*

157-4 **Panelist**

*Nyovani Madise, African Institute for Development Policy*

## 173 “Lifting the Veil”: Navigating Academia for Underrepresented Early Career Demographers

*DISCUSSANT: Tyson Brown, Duke University*

*CHAIR: Hedwig Lee, Washington University in St. Louis*

Topic 15. Race and Ethnicity

**2:00 PM-3:15 PM** International 3

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173-1 **Panelist**

*Tyson Brown, Duke University*

173-2 **Panelist**

*René Flores, University of Chicago*

173-3 **Panelist**

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

173-4 **Panelist**

*Hedwig Lee, Washington University in St. Louis*

## 190 Recent Fertility Declines in Europe and the United States

*DISCUSSANT: Leticia Marteleto, University of Texas at Austin*

*CHAIR: Anna Matysiak, University of Warsaw*

Topic 8. Fertility, Family Planning, Sexual Behavior, and Reproductive Health

**3:45 PM-5:00 PM** International 3

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190-1 **Panelist**

*Tomas Sobotka, University of Vienna*

190-2 **Panelist**

*Anne Gauthier, Netherlands Interdisciplinary Demographic Institute*

190-3 **Panelist**

*Anna Rotkirch, Population Research Institute*

190-4 **Panelist**

*Alison Gemmill, Johns Hopkins Bloomberg School of Public Health*

190-5 **Panelist**

*Laura Lindberg, Guttmacher Institute*

**SATURDAY, APRIL 9****205 Sexual and Reproductive Health During the COVID-19 Pandemic in Latin America***DISCUSSANT: Ann Moore, The Guttmacher Institute**CHAIR: Joice Vieira, Unicamp*

Topic 8. Fertility, Family Planning, Sexual Behavior, and Reproductive Health

**9:15 AM-10:30 AM International 3****205-1 Mapping Covid-19 Effects for Brazilian Women's Health: Results of a National Online Survey***Raquel Zanatta Coutinho, Centro de Desenvolvimento e Planejamento Regional***205-2 COVID-19 and the Reproductive Health of Mexican Women: The Case of Breast and Uterine Cancers***Rosario Cardenas, Universidad Autonoma Metropolitana***205-3 Access to Contraception and Abortion During the Socio-Sanitary Emergency due to COVID-19: Current Situation and Challenges in Countries of the Southern Cone***Javiera Fanta, Universidad de Buenos Aires, Argentina***205-4 Guarantee of Fundamental Rights for Sterilized Women in Bogotá***Jenny Amparo Lozano-Beltran, Pontificia Universidad Javeriana, Colombia***220 South Asian Demography: 75 Years After the Empire***CHAIR: Sajeda Amin, Population Council*

Topic 14. Population, Development &amp; Environment

**11:00 AM-12:15 PM International 3****220-1 Cross-border Diffusion of Ideas and Innovation***Alaka Basu, Cornell University***220-2 South Asian Demography in Historical Perspective***Tim Dyson, London School of Economics***220-3 Gender in South Asia***Batool Zaidi, Western Washington University***220-4 Cultural Roots of Female Autonomy***Zeba Sathar, Population Council*

# MEETING PROGRAM SUMMARY

## TUESDAY, APRIL 5

### 8:30 AM -4:30 PM

**Psychosocial Workshop - Day 1**  
Offsite

### 1:00 PM-5:00 PM

**Workshop: Transparent Population and Demography Studies: Sharing Human Participant Data Responsibly**  
Virtual (See App for Link)

**Workshop: Data Visualization & Model Presentation in Stata**  
L403

**Workshop: Using Bibliometric Data in Demographic Research**  
Virtual (See App for Link)

**Workshop: Panel Study of Income Dynamics Workshop for New and Prospective Users**  
Virtual (See App for Link)

**Workshop: Introduction to Social Media and Big Data for Migration Studies**  
L404

**Workshop: Using ATUS 2020 Data to Investigate COVID-19 Influences on Daily Behaviors and Interactions**  
L405

**Workshop: 2020 Census Data Product Workshop**  
M109

## WEDNESDAY, APRIL 6

### 8:00 AM-9:30 AM

**Workshop: Analysis of Longitudinal Family Planning Data from PMA**  
Virtual (See App for Link)

### 8:00 AM-12:00 PM

**Workshop: Accessing and Using NCES and Census Education Finance, Demographic, and Geographic Data**  
Virtual (See App for Link)

**Workshop: Qualitative Data Transparency with the Qualitative Data Repository**  
Virtual (See App for Link)

**Workshop: Causal Inference and Treatment Effects Using Stata**  
L403

### 8:00 AM-5:00 PM

**Workshop: The Role of Population Studies in Development Policies and Programs: North to South Dialogue on Models that Work**  
L401

### 8:30 AM-4:30 PM

**Psychosocial Workshop - Day 2**  
Offsite

### 11:00 AM-4:00 PM

**Vaccination Station Open**  
Marquis Foyer

### 12:00 PM-4:00 PM

**Registration Open**  
Marquis Foyer

### 5:30 PM-8:30 PM

**Registration/Vaccination Stations Open**  
Marquis Foyer

### 6:00 PM-9:00 PM

**Exhibit Hall Open**  
Marquis Ballroom

**Welcome Mixer**  
Exhibit Hall & Lobby Level Rooms

## THURSDAY, APRIL 7

### 7:00 AM-6:00 PM

**Registration/Vaccination Stations Open**  
Marquis Foyer



**8:00 AM-9:15 AM**

- 1 Cross-National Comparisons of Aging and the Life Course**  
International 4
- 2 Challenges Facing Small Area Forecasting and Estimation**  
International 1
- 3 Transitions to Adulthood in Risky and Uncertain Contexts**  
International 8
- 6 COVID-19 and Mortality**  
M104
- 7 Statistical and Bayesian Methods in Demography**  
International 9
- 8 Gender, Work, and Family in High-Income Countries**  
International 10
- 9 Neighborhoods, Housing, and Inequality**  
M103
- 10 Parenthood, Health, and Well-being**  
M102
- 11 Fertility and Reproductive Health Across the Life Course**  
M304
- 12 Men's Fertility and Sexual and Reproductive Health**  
International 7
- 13 Gender Inequality in Low- and Middle-Income Countries**  
M106
- 14 Urban Health**  
M109
- 15 Migration, Gender, and Families**  
M105
- 16 Adult Mortality in Low- and Middle-Income Countries**  
M101
- 17 Spatial Mobility and Neighborhood Change**  
International 2
- 18 The Great Demographic Illusion: Racial Change in the United States**  
International 3

**8:00 AM-9:30 AM**

- P1 Aging, Life Course, Gender and Sexuality**  
Marquis Ballrooms A-D (Posters)
- 4 Flash: Children, Adolescents, and Mental Health**  
International 5
- 5 Flash: COVID-19 Data, Measures, and Methods in Low- and Middle-Income Countries**  
International 6

**8:00 AM-6:30 PM**

**Exhibit Hall Open**  
Marquis Ballroom

**9:45 AM-11:00 AM**

- 19 Intergenerational Relationships and Well-being**  
International 4
- 20 Cognitive Aging in Low- and Middle-Income Countries**  
International 7
- 21 Estimates and Projections of COVID-19 Pandemic-Induced Population Change**  
International 1
- 22 Economic Mobility and the Transition to Adulthood**  
International 8
- 23 COVID-19 in Rural America**  
M104
- 25 Statistical Methods for Measurement Error and Small-Area Estimation**  
International 9
- 26 Nonstandard Work Arrangements and Their Consequences**  
International 10
- 27 Human Capital and Inequality in Low- and Middle-Income Countries**  
M103
- 28 Comparative Perspectives on Families**  
International 2
- 29 Family Contexts and Children's Health, Development, and Well-being**  
M102

- 30 Fertility and Family Planning During Social Crises**  
M304
- 31 Sexuality, Intersectionality, and Health** M106
- 32 The Environment and Population Health**  
M109
- 33 Opportunities and Barriers: Migrant Selection and Policy Constraints**  
M105
- 34 Infant Health and Mortality in Context** M101
- 35 Measuring Sex, Gender Identity, and Sexual Orientation: Findings From a National Academies Study**  
International 3
- 9:45 AM-11:15 AM**
- 
- 24 Flash: COVID-19, Social Isolation, and Mental Health**  
International 5
- 10:00 AM-11:30 AM**
- 
- P2 Family Demography, Population Development and Environment**  
Marquis Ballrooms A-D (Posters)
- 11:30 AM-12:45 PM**
- 
- 36 Social and Economic Consequences of Population Aging**  
International 4
- 37 Place, Environment, and Cognitive Health**  
International 7
- 38 Old Wine in New Bottles: Tools for Applied Demographers**  
International 1
- 39 Stability and Change in Family Contexts of Children and Youth**  
International 8
- 40 COVID-19 and Health and Well-being** M104
- 41 Statistical Modeling and Smoothing in Demography**  
International 9
- 42 Gender Segregation in Education and Occupations**  
International 10
- 43 Intergenerational Transmission of Socioeconomic Status**  
M103
- 44 Families and Economic Inequality International 2**
- 45 Union Dissolution**  
M102
- 46 Adolescent Fertility and Reproductive Health**  
M109
- 47 Gender Norms and Attitudes**  
M106
- 49 Social Relationships and Health Disparities**  
M304
- 50 Immigrant Adaptation, Incorporation, and Stratification**  
M105
- 51 Child Health: Spillover and Spatial Effects**  
M101
- 53 Health and Mortality Statistics in the United States: Challenges and Plans**  
International 3
- 11:30 AM-1:00 PM**
- 
- 48 Flash: Trends in Adult Health and Health Behaviors**  
International 6
- 52 Flash: Demography of Extreme Events**  
International 5
- 12:00 PM-1:30 PM**
- 
- Career Mentoring Lunch (must pre-register)**  
M301
- 2:00 PM-3:15 PM**
- 
- 54 Paid Work and Care Work: Tradeoffs and Penalties**  
International 4
- 55 Work, Wealth, and Child Well-being**  
International 8
- 56 COVID-19 and Mental Health**  
M104
- 57 Computational Demography, Machine Learning, and Algorithmic Bias**  
International 9



- 59 **Gender, Work, and Family in Low- and Middle-Income Countries**  
International 10
- 60 **Family, Neighborhood, and Intergenerational Mobility**  
M103
- 61 **Families, the Law, and Public Policy**  
International 2
- 62 **Families and Time Use**  
M102
- 63 **Critical Approaches to Fertility and Family Planning Indicators**  
International 7
- 65 **Social Institutions and Population Health**  
M304
- 66 **Indirect Effects of Surveillance on Immigrant Adaptation**  
M105
- 67 **Maternal Morbidity and Mortality**  
M101
- 68 **Interracial Relationships, Multiracial Populations, and Racial Fluidity**  
International 1
- 69 **Implications for Population Research of Federal Efforts to Address Diversity, Equity, and Inclusion**  
International 3
- 2:00 PM-3:30 PM**
- 
- 58 **Flash: Data Collection in Difficult Times: COVID-19 and Other Challenges**  
International 6
- 64 **Flash: Innovative Methods in Demographic Research on Gender, Family, and Sexual Minorities**  
International 5
- 2:30 PM-4:00 PM**
- 
- P3 **Fertility, Family Planning, Sexual Behavior and Reproductive Health**  
Marquis Ballrooms A-D (Posters)
- 3:45 PM-5:00 PM**
- 
- 70 **Caregiving and Well-being**  
International 4
- 71 **Public Policy and Child Well-being**  
International 8
- 72 **Couples and Children During the COVID-19 Pandemic**  
M104
- 73 **Machine Learning Applications to Population Processes**  
International 9
- 74 **Motherhood and Its Labor Market and Health Consequences**  
International 10
- 75 **Poverty and Social Policy**  
M103
- 76 **Cohabitation and Nonmarital Relationships**  
International 2
- 77 **Contexts of Parental Time Investments in Children**  
M102
- 78 **Contextual Influences on Fertility and Family Planning**  
M109
- 79 **Health Consequences of Surveillance and Social Control**  
M304
- 80 **Healthy Lifestyles Across the Life Course**  
M101
- 81 **Immigrant Enclaves and Internal Migration**  
M105
- 82 **Methodological Innovations in Mortality** International 7
- 84 **Innovative Approaches in the Study of Race/Racism**  
International 1
- 85 **Flash: Race and Ethnicity: Global Perspectives**  
International 5
- 86 **Family Demography: Where Is It Now? Where Should It Be Going?**  
International 3
- 87 **Social Mobility and the Development of Inequalities Over the Life Course**  
M106

**3:45 PM- 5:15 PM**

- 83 Flash: Neighborhood Effects in an Era of Big and Small Data**  
International 6

**4:30 PM-6:00 PM**

- P4 Health and Health Behavior**  
Marquis Ballrooms A-D (Posters)

**5:30 PM-6:45 PM**

- 88 Social Relationships and Physical Health** International 4
- 89 Social Policy and Child Health** International 8
- 90 Drivers of COVID-19 Infection** M104
- 91 Advances in Life Course Methods** International 9
- 92 Domestic Work and Gendered Outcomes in Low- and Middle-Income Countries** International 10
- 93 Poverty, Space, and Place** M103
- 94 Race, Ethnicity, and Families** International 2
- 95 Parenting Responses to Policy** M102
- 96 Adolescent Contraception** M109
- 97 Unmet Need and Contraceptive Preferences** M106
- 98 Economic Inequality in Fertility and Contraceptive Use** International 7
- 101 New Immigrant Destinations in Global Perspective** M105
- 102 Measurement of Mortality** M101
- 103 Who and What We Lose: The Causes and Consequences of Structural Racism** International 1

- 104 The Future of Publishing in the Population Sciences**  
International 3

**5:30 PM-7:00 PM**

- 99 Flash: Race, Ethnicity, Nativity, and Population Health**  
International 5
- 100 Flash: Immigration Policy and Enforcement Climates: Micro- and Macro-Level Perspectives**  
International 6

**6:30 PM-8:30 PM**

**Early Career Demographers' Reception**  
M301

**Applied Demography Reception**  
L404

**8:30 PM-10:30 PM**

**Memorial Service**  
International 9

**FRIDAY, APRIL 8****7:00 AM-8:30 AM**

**Applied Demography Breakfast**  
M301

**7:00 AM-4:00 PM**

**Registration/Vaccination Stations Open**  
Marquis Foyer

**8:00 AM-9:15 AM**

- 105 Networks and Support Across the Life Course**  
International 4
- 106 Inequality in Birth Outcomes and Early Childhood**  
International 7
- 107 Gendered Impact of COVID-19 in the Household**  
M104
- 108 Qualitative Methods**  
International 2

**109 COVID-19 and Inequality in High-Income Countries**

International 10

**110 Discrimination and Group Gaps**

M103

**112 Families and Health Over the Life Course**

M102

**113 Union Formation and Assortative Mating**

International 8

**114 Context in Early Life and Adolescence: Reproductive and Family Planning Outcomes**

International 9

**115 High Fertility: Causes, Consequences, Variation**

M109

**116 Early Life Health in Low- and Middle-Income Countries**

M106

**117 Impacts of Immigration Policies and Enforcement**

M105

**118 Understudied Contributors to Racial/Ethnic Inequalities in Health and Mortality**

M101

**119 Flash: Geographic Differences in Mortality**

International 5

**120 Immigration, Race, and Ethnicity in the Americas**

International 1

**121 Evaluating the Quality of the 2020 Census**

International 3

**8:00 AM-9:30 AM****P5 Migration, Urbanization, Neighborhoods, Race and Ethnicity**

Marquis Ballrooms A-D (Posters)

**111 Flash: Poverty, Hardships, and Inequality Research**

International 6

**8:00 AM-4:30 PM****Exhibit Hall Open**

Marquis Ballroom

**9:45 AM-11:00 AM****122 Social Networks and Health**

International 4

**123 Fertility Decline and Child Outcomes in Global Perspective**

International 7

**124 Gendered Impact of COVID-19 on Labor Force Participation**

M104

**125 Life Course Trends, Effects, and Patterns**

International 2

**126 COVID-19 and Inequality in Low- and Middle-Income Countries**

International 10

**127 Returns to Education**

M103

**128 Men in Families**

M102

**129 Changing Trends in Families**

International 8

**130 Contraception and Sterilization**

International 9

**131 Fertility Intentions and Plans in Context**

M109

**132 Sexual Negotiation and Sexual Coercion**

M304

**133 Using a Demographic Lens to Understand the Causes and Consequences of Obesity**

M106

**134 Forced Migration and Displacement**

M105

**137 Racism, Social Justice, and Health and Mortality**

M101

**138 Health, Development, and Environment**

International 1

**139 Looking to the Future With Applied Demography**

International 3

**9:45 AM-11:15 AM****135 Flash: Housing Transitions, Instability, and Disparities**

International 6

**136 Flash: Pathways to Infant and Child Health and Mortality**  
International 5

### **10:00 AM-11:30 AM**

**P6 Children and Youth, Intergenerational Ties, Education, Work and Economic Inequality**  
Marquis Ballrooms A-D (Posters)

### **11:30 AM-12:45 PM**

**140 Work and Retirement Transitions in Later Life**  
International 4

**141 Local Contexts Shaping Early Life Disadvantages**  
International 7

**142 COVID-19: Racial and Ethnic Disparities**  
M104

**143 Mixed-Methods Research**  
International 2

**144 Ethno-Racial and Gender Disparities in Higher Education**  
International 10

**145 New Approaches to Social Mobility and Inequality**  
M103

**147 Diverse Family Forms**  
M102

**148 Aging With Limited Family Ties**  
International 8

**149 Cross-National Comparisons of Fertility**  
International 9

**150 Complicating the Concept of “Unintended Pregnancy”**  
M109

**151 Migration, Migrants, and Fertility**  
M304

**152 New Frontiers in Education and Health Research**  
M106

**153 Residential Mobility and Displacement**  
M105

**154 Racial/Ethnic Inequalities in Health and Mortality**  
M101

**156 Demographic Responses to Environmental Change**  
International 1

**157 Achieving Sustainable Development in Africa: The Roles of Population Dynamics and Climate Change Vulnerability**  
International 3

### **11:30 AM-1:00 PM**

**146 Flash: Unemployment, Job Insecurity, and Economic Insecurity**  
International 6

**155 Flash: Socioeconomic Inequalities in Health, Life Expectancy, and Mortality**  
International 5

### **2:00 PM-3:15 PM**

**158 Aging in Vulnerable Populations**  
International 4

**159 Education**  
International 7

**160 COVID-19: Intersecting Inequities**  
M104

**161 Advances in Forecasting and Projection of Demographic Outcomes**  
International 2

**162 Ethno-Racial and Nativity Disparities in the Labor Market**  
International 10

**163 Marriage, Health, and Well-being**  
M102

**165 Couple and Intergenerational Fertility Dynamics**  
International 9

**166 Fertility Preferences, Desires, and Intentions**  
M109

**167 Family Planning Policies and Politics**  
M304

**168 Gender, Sexual Orientation, and Family Demographic Processes**  
International 8

**169 Racism, Xenophobia, and Pain in Population Health Disparities**  
M106

- 170 Internal Migration and Development**  
M103
- 172 Innovative Data and Methods for Population and Environmental Research**  
International 1
- 173 “Lifting the Veil”: Navigating Academia for Underrepresented Early Career Demographers**  
International 3

**2:00 PM-3:30 PM**

- 164 Flash: Birth Intervals and Birth Timing**  
International 5
- 171 Flash: New Data and Methods in Migration Research**  
International 6

**2:30 PM-4:00 PM**

- P7 Mortality and Morbidity, COVID-19, Data and Methods**  
Marquis Ballrooms A-D (Posters)

**3:45 PM-5:00 PM**

- 174 Cognitive Health and Aging**  
International 4
- 175 Global Challenges of Immigrant Children and Youth**  
International 7
- 176 Pandemics in Historical Context**  
M104
- 177 Causal Inference in Demographic Research**  
International 2
- 178 Flash: Measurement of Concepts in Demographic Studies**  
International 5
- 179 Racial and Ethnic Disparities in Education**  
International 10
- 180 Gender and Families**  
M102
- 181 Family Planning Service Delivery**  
International 9
- 182 Methodological Innovations in Family Planning and Contraception**  
M109

- 183 Sex Preferences and Gendered Fertility Dynamics**  
M304
- 184 Gender and Sexual Minority Populations**  
International 8
- 185 Racialization, Heterogeneity in Immigrant Adaptation, and the Impacts of Migration**  
M106
- 186 Determinants of Internal Migration**  
M103
- 187 Refugee Populations**  
M105
- 188 Biosocial Approaches to Population Health**  
M101
- 189 Spatial Demography: Networks, Mobility, and Exposure**  
International 1
- 190 Recent Fertility Declines in Europe and the United States**  
International 3

**5:30 PM-7:00 PM**

**Presidential Address & Awards Ceremony (Streaming Live)**  
Various Rooms - M102/104/106/109

**7:00 PM-9:00 PM**

**Demographers of Color Reception**  
M301

**SATURDAY, APRIL 9**

**8:00 AM-9:00 AM**

**Membership Meeting**  
International 9

**8:00 AM-12:00 PM**

**Registration/Vaccination Stations Open**  
Marquis Foyer

**8:30 AM-1:00 PM**

**Exhibit Hall Open**  
Marquis Ballroom

**9:15 AM-10:30 AM**

- 191 Race, Ethnicity, and Cognitive Health**  
International 4
- 192 Neighborhood Contexts and Early Life Course**  
International 2
- 193 COVID-19 Vaccination**  
M104
- 194 Causal Inference Methods in Demographic Research**  
M101
- 195 Criminal Justice and Inequality**  
International 10
- 196 Intergenerational and Multigenerational Relationships**  
M106
- 197 Family Planning Access and Preference**  
International 8
- 198 Low Fertility and Childlessness**  
M109
- 199 Population Politics, Population Policies, and Fertility**  
International 9
- 200 Sexually Transmitted Infections, Fertility, and Reproductive Health**  
M304
- 201 Internal Migration: Regional and Neighborhood Determinants**  
M103
- 202 Residential Segregation: Contemporary and Historical Perspectives**  
M105
- 203 Trends in Socioeconomic Inequalities in Health and Mortality**  
M102
- 204S Spatial Modeling in Demography**  
International 1
- 205 Sexual and Reproductive Health During the COVID-19 Pandemic in Latin America**  
International 3

**11:00 AM-12:15 PM**

- 206 Biological and Biodemographic Approaches to Aging**  
International 4

- 207 Climate Change and the Well-being of Children and Youth**  
International 2
- 208 Formal and Mathematical Demography**  
M104
- 209 Historical Demography: Methods and Application**  
M101
- 210 Early Life Circumstances and Inequality**  
International 10
- 211 Kinship Dynamics and Inequality**  
M106
- 212 Abortion Trends in the United States**  
International 9
- 213 Importance of Context on Contraceptive Use and Fertility Desires**  
M304
- 214 Fertility and COVID-19 in the United States, Europe, and Latin America**  
International 8
- 215 Infertility and Assisted Reproductive Technologies**  
M109
- 216 Conceptualization and Measurement of Gender Attitudes**  
International 1
- 217 Internal Migration Trends**  
M103
- 218 Rural Demographic, Economic, and Social Change**  
M105
- 219 COVID-19 Related Mortality**  
M102
- 220 South Asian Demography: 75 Years After the Empire**  
International 3

**12:45 PM-2:00 PM**

- 221 Policy Responses to Population Aging**  
International 4
- 222 Economic Effects of COVID-19**  
International 3
- 223 Analytic Demography**  
M104

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| <b>224</b> | <b>Culture: Concepts, Measures, and Influences on Demographic Outcomes</b><br>M101 | <b>231</b> | <b>Gender and Sexuality-Based Violence</b><br>International 1  |
| <b>225</b> | <b>Investments in Childhood</b><br>International 10                                | <b>232</b> | <b>Chronic and Mental Health</b><br>M304                       |
| <b>226</b> | <b>Parenting: Gender, Work, and Family</b><br>M106                                 | <b>233</b> | <b>International Migration Flows</b><br>M103                   |
| <b>227</b> | <b>Abortion</b><br>International 9   | <b>234</b> | <b>Urbanization and Population Redistribution</b><br>M105      |
| <b>228</b> | <b>Fertility Intentions and the COVID-19 Pandemic</b><br>International 8           | <b>235</b> | <b>Morbidity, Mortality, and Climate Change</b><br>M102        |
| <b>229</b> | <b>Inequality in Reproductive Health in Health Care Settings</b><br>M109           | <b>236</b> | <b>Shifting Demographic Gravity in Asia</b><br>International 7 |
| <b>230</b> | <b>Stratified Reproduction and Reproductive Justice</b><br>International 2         |            |  |





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The **Panel Study of Income Dynamics (PSID)** is the world's longest running national household panel survey. Begun in 1968, the PSID has collected 42 waves of data from the same families and their descendants for over 50 years. More than 11,000 families participate in the PSID, including a refresher sample of **new** immigrant families added in 2017. Because PSID follows descendants of original sample members, it is a unique source for studying the intergenerational transmission of health and economic wellbeing. Content includes income, employment, wealth, expenditures, health, education, fertility, marriage, philanthropy, and more.



Visit our virtual exhibit booth to learn more about #PSIDatPAA and find time to meet with us during the conference



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**Child Development Supplement (CDS)** is a research component of the PSID. CDS provides researchers with extensive data on children and their extended families to study the dynamic process of early human and social capital formation. The original CDS included up to two children per household who were 0 to 12 years old in 1997, and followed those children over three waves, ending in 2007-08. CDS-2014 includes all eligible children in PSID households born since 1997. CDS-2019 featuring the same design is now available as an early release file, and CDS-2021 is currently being collected.

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**Transition into Adulthood Supplement (TAS)**, started in 2005 and collected biennially, captures data on the developmental pathways and outcomes of children who participated in the 1997 CDS as they transition into young adulthood. TAS fills a gap between information collected in CDS and information on adulthood collected from panel members who enter the main PSID study once they have assumed economic independence. As of 2017, all young adults age 18-28 are eligible for TAS, regardless of their participation in CDS. TAS-2019 is available and TAS-2021 is currently being collected.

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The vast majority of data are freely accessible through the web-based Data Center which provides customized datasets

Main sponsorship is provided by the National Science Foundation, the National Institute on Aging, and the *Eunice Kennedy Shriver* National Institute of Child Health & Human Development



## Research on East Asian Demography and Inequality

7:00 AM-8:00 AM — L406

## Registration/Vaccination Stations Open

7:00 AM-6:00 PM — Marquis Foyer

## Exhibit Hall Open

8:00 AM-6:30 PM — Marquis Ballroom

### 1 Cross-National Comparisons of Aging and the Life Course

CHAIR: Steven Haas, Pennsylvania State University

DISCUSSANT: Flavia Andrade, University of Illinois

8:00 AM-9:15 AM — International 4

1-1 **The Impact of the 2008 Global Financial Crisis on the Mental Health of Retirees in 15 European Countries and the United States**

Lara Bister\*, University of Groningen; Fanny Janssen, University of Groningen; Tobias Vogt, University of Groningen

1-2 **Household Nonmortgage Debt and Depression in Older Adults: Does Country Context Matter?**

Aapo Hiilamo\*

1-3 **Does Aging Affect Health Differently in Immigrants and Natives?**

Su Yeon Jang\*, Max Planck Institute for Demographic Research (MPIDR); Anna Oksuzyan, Bielefeld University; Mikko Myrskylä, Max Planck Institute for Demographic Research; ARISH QAMAR; Silvia Loi, Max Planck Institute for Demographic Research

1-4 **Inequalities in Time Spent in Multimorbidity in Costa Rica and Mexico: A Multistate Modeling Approach**

Anastasia Lam\*, University of St Andrews & Max Planck Institute for Demographic Research; Genevieve Cezard, University of Cambridge; Hill Kulu, University of St Andrews; Mikko Myrskylä, Max Planck Institute for Demographic Research; Katherine Keenan, University of St Andrews

### P1 Aging, Life Course, Gender and Sexuality

8:00 AM-9:30 AM — Marquis Ballrooms A-D (Posters)

P1 **Are Future Incremental Gains in Educational Investments Higher for Older Women?**

Arun Balachandran\*; Feinian Chen, University of Maryland

P1 **Generational Wealth Accounts: Did Public and Private Intergenerational Transfers Offset Each Other Over the Financial Crisis?**

David McCarthy\*, University of Georgia; James Sefton, Imperial College, London; Ronald Lee, University of California, Berkeley; Joze Sambt

P1 **Churn in the Older Adult SNAP Population**

Colleen Heflin, Syracuse University; Leslie Hodges, US Department of Agriculture; Irma Arteaga, University of Missouri; Chinedum Ojinnaka, Arizona State University; Lauryn Quick\*

P1 **Social Participation Through the Retirement Transition: Differences by Gender and Employment Status**

Jeremy Lim-Soh\*, National University of Singapore; Yeonjin Lee, Hong Kong University

P1 **When Caregivers Need Care: Racial/Ethnic Differences in Care Transitions in Later Life**

Yongxin Shang\*, Cornell University

P1 **Effects of Social Insurance Programs on Health Care Utilization of Middle-Aged and Older Adults**

Emma Aguila, University of Southern California; William Dow\*, University of California-Berkeley; Susan Parker, University of Maryland

P1 **End-of-Life Quality of Care as a Latent Variable: Latent Class Analysis Using National Health and Aging Trends Study (NHATS) Last Month of Life Data, 2012–2020**

Divya Bhagianadh\*; Kanika Arora

P1 **Cohort Differences in Difficulty Performing and Receiving Help for Activities of Daily Living Among Mexican Adults Aged 60–76 in 2001 and 60–76 in 2018**

Brian Downer\*, University of Texas Medical Branch; Rafael Samper-Ternent, University of Texas Medical Branch; Matthew Miller, University of Texas Medical Branch; Rebeca Wong, University of Texas Medical Branch

P1 **The Unmet Need for Caregiving Among Older Adults in Europe**

Huijing Wu\*, University of Western Ontario; Rachel Margolis, University of Western Ontario; Ashton Verdery, Pennsylvania State University

- P1 **Multimorbidity Among Migrants in Europe: Associations With Country of Birth and Country of Residence**  
Meaghan Woody\*, Emory University; Solveig Cunningham, Emory University
- P1 **Sensory Impairment, Social Contact, and Depressive Symptoms Among Older Adults During the COVID-19 Pandemic**  
Shu Xu\*, University of Massachusetts Boston; Haowei Wang, Pennsylvania State University; Qian Song, University of Massachusetts Boston; Jeffrey Burr, University of Massachusetts Boston
- P1 **Grandparenthood: The Role of Caregiving on Mental Well-being and Self-assessed Health of Grandparents in India**  
Sruthi Anilkumar Hemalatha\*
- P1 **Racial/Ethnic Differences, Skin Tone, and Cognitive Aging Among Older Latinos in the United States**  
Mao-Mei Liu\*, University of California, Berkeley; Edward Telles, University of California, Irvine; Katherine L. Tucker, University of Massachusetts Lowell; Ivonne Z. Jiménez Velázquez, University of Puerto Rico; Luis M Falcón, University of Massachusetts Lowell; William Dow, University of California-Berkeley
- P1 **Does Premature, Earlier, or Surgical Menopause Increase the Risk of Metabolic Syndrome, Diabetes, and Cardiovascular Disease Among Indian Women?**  
Dipti Govil\*, International Institute for Population Sciences, Mumbai, India; Aravinda Guntupalli
- P1 **Too Optimistic or Too Pessimistic? Older Adults' Expectations for Receiving Future Care**  
Huijing Wu\*, University of Western Ontario; Rachel Margolis, University of Western Ontario; Ashton Verdery, Pennsylvania State University
- P1 **Levels and Patterns of Multiple Health Risk Factors Among Older Adults: A Study of SAGE Countries**  
Jitender Prasad\*; Perianayagam Arokiasamy, International Institute for Population Sciences; Y Selvamani, International Institute for Population Sciences
- P1 **Can Public Policy Reduce Loneliness and Depression in Older Age? A Natural Experiment of the Anti-Loneliness Campaign the United Kingdom**  
Liming Li\*; Ludovico Carrino, King's College London; Erica Reinhard, King's College London / Erasmus University Medical Center Rotterdam; Mauricio Avendano, University of Lausanne
- P1 **Place of Death and Unmet Needs at the End of Life: A Cross-Country Comparison of End-of-Life Experiences for Older Adults in the United States and England**  
Hazal Ercin\*; Jessica Lapham; Clara Berridge, University of Washington; Melissa Martinson, University of Washington
- P1 **Effects of Elder Caregiving on Young Adults' Transition Into Adulthood and Well-being**  
Somalis Chy\*
- P1 **Shape of Care: Pathways of Family Caregiving Among Older Adults in China: Does Gender, Hukou, and Living Arrangement Matter?**  
Haoshu Duan\*, University of Maryland; Feinian Chen, University of Maryland
- P1 **Understanding Alzheimer's Disease in the Context of Aging: Findings From Applications of Biodemographic Models**  
Konstantin Arbeeve\*, Duke University; Olivia Bagley, Duke University; Arseniy Yashkin, Duke University; Hongzhe Duan, Duke University; Igor Akushevich, Duke University; Svetlana Ukraintseva, Duke University; Anatoliy Yashin, Duke University
- P1 **Genetics of Aging-Related Cognitive Decline: Roles of MicroRNA-by-Gene Interactions in Alzheimer's Disease**  
Anatoliy Yashin\*, Duke University; Dequing Wu, Duke University; Konstantin Arbeeve, Duke University; Olivia Bagley, Duke University; Matt Duan, Duke University; Igor Akushevich, Duke University; Arseniy Yashkin, Duke University; Svetlana Ukraintseva, Duke University
- P1 **The Impact of the High School Movement on Epigenetic Aging**  
Julia Goodwin\*, University of Wisconsin-Madison; Lauren Schmitz, University of Wisconsin-Madison
- P1 **Short-Run and Long-Run Demographic Dividend in Russia and China**  
Irina Kalabikhina\*, Lomonosov Moscow State University; Zarina Kazbekova
- P1 **The Effect of Medicaid Home- and Community-Based Services on Health Outcomes**  
Yinan Liu, Renmin University of China; Xianhua Zai\*, Max Planck Institute for Demographic Research
- P1 **Interrupted Education and Functional Limitations Among the People's Republic China Cohort**  
Chengming Han\*
- P1 **Intergenerational Contacts and COVID-19 Infection During the Pandemic: Evidence From SHARE Data**  
Damiano Uccheddu\*, University of Louvain; Ester Lucia Rizzi, Université catholique de Louvain
- P1 **Cognition and Sleep Among Chinese Couples: A Longitudinal Actor-Partner Interdependence Model Analysis**  
Yu Guo\*, Xi'an Jiaotong University; Quanbao Jiang, Xi'an Jiaotong University
- P1 **Working Women and Eldercare: A Qualitative Perspective**  
Dipti Govil\*, International Institute for Population Sciences, Mumbai, India; Harihar Sahoo, International Institute for Population Sciences; K S James, International Institute for Population Sciences, Mumbai
- P1 **Revealing Diverse Eldercare Configurations: How Economics and Kin Shape Strategies**  
Erin Ice\*, University of Michigan

- P1 **Mother-in-Law Child Caregiving and Maternal Mental Health in Rural Pakistan**  
*University; Joanna Maselko, University of North Carolina at Chapel Hill*
- P1 **The Effect of Death of a Family Member on Retirement Timing**  
*Institute for Demographic Research; Linda Kridahl, Stockholm University*
- P1 **Long-Term Care Insurance and Long-Term Care Utilization: Evidence From China**  
*Zeyuan Chen\**
- P1 **The Intergenerational Link Between Parents' and Children's Civic Engagement**  
*Sabrina Sanchez\*, University of Wisconsin-Madison; Marcia Carlson, University of Wisconsin-Madison*
- P1 **Pain Among Adults Aged 50 Years and Older in the United States and Mexico**  
*Sadaf Milani\*, The University of Texas Medical Branch at Galveston; Brian Downer, University of Texas Medical Branch; Rafael Samper-Ternent, University of Texas Medical Branch; Rebeca Wong, University of Texas Medical Branch*
- P1 **Adult Children's Intergenerational Mobility and Older Adults' Self-rated Health: A U.S.-China Comparison**  
*Yue Qin\**
- P1 **Exploring Multimorbidity and Feeling of Loneliness Among Indian Older Adults: Evidence From the First Wave of Longitudinal Ageing Study in India**  
*Salmaan Ansari\**
- P1 **Neuropsychiatric Symptoms and Caregiver Relationship Quality for Older Mexican Americans**  
*Phillip Cantu\*, University of Texas Medical Branch; Maria Aranda, University of Southern California*
- P1 **Early-Life Adversity and Cognitive Status in Middle and Late Adulthood: Implications for Preventative Services Across the Life Course**  
*Kimson E. Johnson\*, University of Michigan*
- P1 **Gendering of Old Age Life Courses: A Latent Class Approach**  
*Ida Borg; Eva Andersson, Stockholm University; Bo Malmberg\*, Stockholm University*
- P1 **Population Education Transition and the Health Outcomes in China**  
*Liyun Liu\*, Pennsylvania State University*
- P1 **Anticipation of Help From Adult Children in Later Life: Partnership Status and Relatedness to Children**  
*Anna Hammersmith\*, Grand Valley State University; Matthew Wright*
- P1 **Impacts of COVID-19 on Access to Medical Care Among Older Vietnamese Americans in New Orleans**  
*Theresa Pham\*; NhuNgoc Pham; Annie Trinh, Tulane University School of Public Health; Trang Nguyen, Tulane University School of Public Health; Cam-Thanh Tran, Tulane University School of Public Health; Mai Do, Tulane University School of Public Health; Mark VanLandingham, Tulane University*
- P1 **Population Dynamics and Policies in Europe: Analysis of Population Resilience at the Subnational and National Levels**  
*Vytenis Juozas Deimantas\*, Lithuanian Social Research Centre*
- P1 **Toward a Causal Estimate of Friends' Influence on Delinquency**  
*Jason Robey\*, University of Wisconsin-Madison*
- P1 **Geographic and Sociodemographic Variation in Frailty Among Older Adults of India and Association With Adverse Outcomes: Findings From the Longitudinal Aging Study in India, Wave 1**  
*Monica Kundu\*; Arpita Ghosh, The George Institute for Global Health*
- P1 **Burden of Communicable and Noncommunicable Diseases Among Elderly in India: A Study Based on LASI Survey**  
*Shubham Kumar\**
- P1 **Moderated Mediation With Neighborhood Deprivation, Depression, and Cognition Among Elderly in India**  
*Subhojit Shaw\*; Arup Jana; Sampurna Kundu*
- P1 **Hospice Use by Cause of Death: Implications for Patients, Families, and the Medicare Hospice Benefit**  
*rebecca Utz\*, University of Utah; Michael Hollingshaus, University of Utah*
- P1 **"You've Got a Lot to Prove" or "It's Not a Hard Process": Experiences Gaining Access to Medicaid in Older Adulthood**  
*Sarah Petry\*, Duke University*
- P1 **Social Inclusion, Neighborhood Relations and Well-being of Older Adults Across Italian Macroregions**  
*Elisa Cisotto\*, Free University of Bozen-Bolzano; Federica Viganò, Free University of Bozen-Bolzano; Giulia Cavrini, Free University of Bozen-Bolzano*
- P1 **Linked Through the Life Course: Core Family Members' Infection, COVID-19 Illness Severity, and the Moderating Role of Age**  
*ARISH QAMAR\*; Tianyao Qu, Cornell University*
- P1 **The Role of Aging and Household Size in Shaping Income Distribution**  
*Emanuel Agu\**

- P1 **Measuring Widowhood Duration: Theoretical Developments and Empirical Evidence From France**  
Carole Bonnet, *INED*; Julie Treguier\*, *Institut National d'Études Démographiques (INED)*
- P1 **Left-Behind Elders in China: Examining Intergenerational Contact and Loneliness Trajectories**  
Xueqing Wang\*, *Princeton University*; James M Raymo, *Princeton University*
- P1 **Subjective Well-being and Health Expectancy Among Older Adults in Japan, 1999–2009**  
Yuka Minagawa\*, *Sophia University*; Yasuhiko Saito, *Nihon University*
- P1 **Empty Nest Syndrome and Its Correlates Among Indian Elderly: Evidence From Longitudinal Ageing Study in India**  
Itishree Nayak, *ICMR*; Ankita Siddhanta\*, *Independent Researcher*; Basant Panda, *International Institute for Population Sciences (IIPS)*
- P1 **A Study of Multidimensional Well-being Inequalities Over the Life Course**  
Chiara Ludovica Comolli\*, *Stockholm University*; Laura Bernardi, *University of Lausanne*; Marieke Voorpostel, *FORS*
- P1 **Using Audio-Computer Assisted Self-interview (ACASI) for Collecting Data on Contraceptive Use: Culturally Responsive Design, Challenges, and Key Takeaways**  
Reem Ashraf\*, *Abhinav Motheram*; Ruchi Jain, *National Council of Applied Economic Research*; Bijay Chouhan; Santanu Pramanik, *National Council of Applied Economic Research*
- P1 **Dalit Women and Work Behavior if Socioeconomic Status Increases: Does “Sanskritization” Theory Hold up?**  
Saswathi Natta\*, *University of Maryland*
- P1 **The Role of Income Source and Family Structure in Women’s Control Over Household Income in Malawi**  
Vedavati Patwardhan\*, *University of Washington*
- P1 **Internalization of Patriarchal Attitudes and Women’s Labor Market Outcomes and Asset Ownership in Nigeria**  
Nkechi Owoo\*, *IUSSP*
- P1 **Longitudinal Association of Collective Gender Norms and Intimate Partner Violence Among Newly Married Adolescents and Young Women in India: A Multilevel Analysis**  
Lakshmi Gopalakrishnan\*; Patrick Bradshaw, *University of California Berkeley*; Sophia Rabe-Hesketh, *University of California Berkeley*
- P1 **Gender Differential in Earning Among Various Segments of Workers in the Haryana Labor Market: 1993–1994 to 2018–2019**  
Nidhi Mittal\*
- P1 **Evaluation of Domestic Violence Legislation: Does Legislation Reduce Abuse and Change Norms About the Acceptability of Violence?**  
Robin Richardson\*, *Columbia University*
- P1 **Effects of Migration and Remittances on Women’s Empowerment in Kerala, India**  
Sharon Green\*; Jennifer Hirsch, *Columbia University*; Yao Lu, *Columbia University*
- P1 **Sexuality Health Disparities Among Millennial Veterans**  
Laura Houghtaling\*, *University of Minnesota*; Theresa Osypuk, *University of Minnesota*
- P1 **Gender Ideology, Religious Affiliation, and Subjective Religiosity in South Korea**  
Nanum Jeon\*, *University of California, Los Angeles*
- P1 **Do Educated Mothers Have Lower Son Preference? The Case of Pakistan**  
Fizza Raza\*, *Texas A&M University*
- P1 **Effect of Having a Son on Women’s Decision-making Power in India: New Evidence From Panel Data**  
Sneha Lamba\*, *Johns Hopkins Bloomberg School of Public Health*
- P1 **Influence of Child Marriage on Institutional Delivery and High-Risk Births Among Young Women in 31 Sub-Saharan African Countries**  
Sunday Adedini\*, *University of the Witwatersrand*; Jacob Mobolaji, *Obafemi Awolowo University*; Olufemi Adetutu, *Obafemi Awolowo University*; John Abe; Funmilola Oyinlola
- P1 **Acculturation to Equality? Permanent Migration to the City, Education, and Marital Power Imbalance in Urban China**  
Chunxue Zhang\*, *The Chinese University of Hong Kong*; Yuying Tong, *Chinese University of Hong Kong*; Yiqing Gan, *Chinese University of Hong Kong*
- P1 **Public Identification as Non-Binary in Virginia**  
Laura Bellows\*, *University of Virginia*
- P1 **Sexual Dissatisfaction, Masturbation, and Cybersexuality Among University Students During the Spring 2020 COVID Lockdown in France**  
Mireille Le Guen\*, *Institut National d'Études Démographiques (INED)*; Solène Vigoureux, *CHU Nantes*; Henri Panjo, *Inserm*; Poncet Lorraine, *Université de Paris*; Virginie Ringa, *Inserm*
- P1 **Neighborhood Determinants of Early Sexual Debut and Multiple Sexual Partnerships: A Cross-Sectional Analysis of Adolescents in Rwanda, Ghana, and South Africa**  
Nebechukwu Ugwu\*; Clifford Odimegwu, *University of the Witwatersrand*
- P1 **Comparison of Gender Transition Pathways Before and After 2012 WPATH Standards of Care Update Among Transgender and Gender-Diverse Individuals**  
Loren Bauerband\*, *University of Missouri*; Adrienne Frech, *University of Missouri, Columbia*; Claire Altman, *University of Missouri, Columbia*



- P1 **Women's Employment and Empowerment: Is All Work Good Work? Evidence From India**  
Lucia Ferrone, *Università degli Studi di Firenze*; Cristina Dalpiaz\*, *University of Florence*
- P1 **Fertility Among Women in Same-Sex Unions in Brazil: A First Glance**  
Paula Miranda-Ribeiro\*, *Cedeplar, Universidade Federal de Minas Gerais*; Adriana Miranda-Ribeiro, *Cedeplar, Universidade Federal de Minas Gerais*; Andrea Simão, *Cedeplar, Universidade Federal de Minas Gerais*; Laura Wong, *CEDEPLAR*
- P1 **Gender-Based Issues and Sexual Behavior of Emerging Adults in Nigeria: A Qualitative Approach**  
Olufemi Adetutu\*, *Obafemi Awolowo University*; Onalapo Oluwaseun, *Obafemi Awolowo University, Ile Ife, Nigeria*; Peter Akerele, *Obafemi Awolowo University, Ile Ife, Nigeria*; ARISH QAMAR
- P1 **Quality of Life of Transgenders in Kurnool District, Andhra Pradesh**  
Venkata Malla; Venkata Malla\*
- P1 **Transgender and Gender-Diverse Age of Identity Realization and Milestones of Baby Boomers, Generation X, and Millennials**  
Loren Bauerband\*, *University of Missouri*; Adrienne Frech, *University of Missouri, Columbia*; Claire Altman, *University of Missouri, Columbia*
- P1 **Does Promiscuity Affect Marriage Rates?**  
Nicholas Wolfinger\*, *University of Utah*; Samuel Perry, *University of Oklahoma*
- P1 **Variability in Identity-Related Experiences Among Same-Race, Interracial, Same-Gender, and Different-Gender Couples in a Population Representative Sample**  
Allen Mallory\*, *University of Texas Austin*; Claire Kamp Dush, *University of Minnesota*; Wendy Manning, *Bowling Green State University*
- P1 **Examining the Association Between Stigma and Mental Health Among Gay and Bisexual Men in Guatemala Who Use Pre-Exposure Prophylaxis (PrEP)**  
Sophia Bartels\*, *University of North Carolina at Chapel Hill*; Ingrid Castillo, *CAS Guatemala – Colectivo Amigos Contra el SIDA*; Cesar Galindo, *CAS Guatemala – Colectivo Amigos Contra el SIDA*; Gustavo Angeles, *University of North Carolina at Chapel Hill*; Clare Barrington, *University of North Carolina at Chapel Hill*
- P1 **When the Last Child Moves Out: Continuity and Convergence in Spouses' Housework Time**  
Florian Schulz\*, *University of Bamberg*; Marcel Raab, *University of Bamberg*
- P1 **Evaluation of a Girl-Centered Male Engagement Program on Sexual and Gender-Based Violence and Gender Norms in Nairobi's Urban Informal Settlements**  
Daniel Osuka\*, *University of Nairobi*; Beth Kangwana, *Population Council*; Rhoune Ochako, *Population Council*; Erica Soler-Hampejsek, *Independent Consultant*; John Maluccio, *Middlebury College*; Karen Austrian, *Population Council, Kenya*
- P1 **The Doctor Is in—Are Queer Elders Out? Gendered Disparities in Health Care Access Among Aging Populations**  
Madeline Smith-Johnson\*
- P1 **Sexual Fluidity: Implications for Population Research**  
Joel Mittleman\*, *University of Notre Dame*
- P1 **Sex Ratio at Birth in Conflict Settings: Evidence From a Militarized Zone**  
Manzoor Malik\*, *IITR*
- P1 **What Explains the Gender Gap in Unpaid Household and Care Work in India?**  
Athary Janiso\*, *Birla Institute of Technology and Science Pilani, Hyderabad Campus*; Prakash Shukla; Bheemeshwar Amireddy, *Birla Institute of Technology & Science (BITS) Pilani*
- P1 **Couple Formation and Spousal Visas: Evidence From the End of the Defense of Marriage Act**  
Connor Redpath\*, *UC San Diego*
- P1 **Analyzing the Characteristics of "Residual" Respondents and Nonrespondents to Sexual Orientation and Gender Identity Questions: Evidence From the Experimental Household Pulse Survey**  
Thomas File\*, *US Census Bureau*; Zachary Scherer, *U.S. Census Bureau*
- P1 **Depression Among Sexual Minorities: A Mixed-Methods Study in Minas Gerais, Brazil**  
Samuel Silva\*, *Cedeplar UFMG*; Paula Miranda-Ribeiro, *Cedeplar, Universidade Federal de Minas Gerais*; Kenya Noronha, *UFMG/CEDEPLAR*; Gilvan Guedes, *Universidade Federal de Minas Gerais (UFMG)*
- P1 **Double Standards Regarding (Non)parenthood: Does It Still Exist?**  
Maria-Letizia Tanturri\*, *University of Padova*; Ivett Szalma, *Centre for Social Sciences*
- P1 **Bodies as Battlefields: Gender Dynamics in the Colombian Armed Conflict**  
Signe Svallfors\*, *Stockholm University*
- P1 **Meta Son Preferences and Gender Imbalance: An Empirical Study of Uttar Pradesh, India**  
Roli Misra, *University of Lucknow*; Shivani Tewari\*, *University of Lucknow*
- P1 **Patterns of Sexual Minority Substance Abuse: An Exploration of the Impacts of Internalized Homophobia**  
Caleb Cooley\*, *Washington State University*

## 2 Challenges Facing Small Area Forecasting and Estimation

*CHAIR: Richelle Winkler, Michigan Technological University*  
*DISCUSSANT: Rebecca Tippett, University of North Carolina at Chapel Hill*

### 8:00 AM-9:15 AM — International 1

- 2-1 **Reconstruction of Age Distributions From Differentially Private Census Data**  
 Ethan Sharygin\*, *Portland State University*
- 2-2 **Patterns in Subpopulation Mortality at the Subnational Level**  
 Ameer Dharamshi\*, *Monica Alexander, University of Toronto*; Celeste Winant, *University of California, Berkeley*; Magali Barbieri, *University of California, Berkeley*
- 2-3 **Probabilistic County-Level Population Projections, 2020–2050**  
 Crystal Yu\*, *University of Washington*; Hana Sevcikova, *University of Washington*; Adrian Raftery, *University of Washington*; Sara Curran, *University of Washington*
- 2-4 **Boosted Regression Trees for Small-Area Population Forecasting**  
 Jack Baker\*, *Farmers Insurance*; David Swanson, *University of California, Riverside*; Franklyn Dodge

## 3 Transitions to Adulthood in Risky and Uncertain Contexts

*CHAIR: Monica Grant, University of Wisconsin–Madison*  
*DISCUSSANT: Keera Allendorf, Indiana University*

### 8:00 AM-9:15 AM — International 8

- 3-1 **“Reverse Policies?” Reducing the Legal Minimum Age at Marriage Increases Child Marriage in Mali**  
 Ewa Batyra\*, *Center for Demographic Studies*; Luca Maria Pesando, *Department of Sociology and Centre on Population Dynamics, McGill University*
- 3-2 **Exposure to Conflict and Union Formation: The Case of Ethiopia**  
 Liliana Andriano\*; Effrosyni Charitopoulou, *Collegio Carlo Alberto*
- 3-3 **Scholastic Dreams: Future Expectations and Outcomes of Education Among Post-Tsunami Youth in Indonesia**  
 Rene Iwo\*, *University of North Carolina at Chapel Hill*; Elizabeth Frankenberg, *University of North Carolina at Chapel Hill*; Duncan Thomas, *Duke University*
- 3-4 **Pathways to Inclusion or Exclusion in China: Transitions to Adulthood in Poor Rural Regions**  
 Kai Feng\*, *University of Pennsylvania*; Emily Hannum, *University of Pennsylvania*

## 4 Flash: Children, Adolescents, and Mental Health

*CHAIR: Elizabeth Lawrence, University of Nevada, Las Vegas*

### 8:00 AM-9:30 AM — International 5

- 4-1 **Poverty Reduction and Mental Health in Adolescence and Young Adults: A Quasi-Experimental Study of Cash Transfers in Three Countries**  
 Annie Zimmerman\*, *King's College London*; Ricardo Araya, *King's College London*; Sara Evans-Lacko, *London School of Economics*; Yadira Diaz, *University of Los Andes*; Juliana Sanchez, *University of Los Andes*; Philipp Hessel, *Universidad de los Andes*; Emily Garman, *University of Cape Town*; Mauricio Avendano, *University of Lausanne*; Crick Lund, *University of Cape Town*
- 4-2 **Child Protective Services, Foster Care, and the Timing of Psychiatric Events Among Maltreated Adolescents: A Cohort Study**  
 Michael Caniglia\*, *Pennsylvania State University*; Sarah Font; Reeve Kennedy, *The Pennsylvania State University*
- 4-3 **The Long-Term Impact of Childhood Adversity on Mental Health Trajectories in Adulthood**  
 Christina Kamis\*, *University of Wisconsin-Madison*
- 4-4 **The Relationship Between Screen Time, Socio-economic Background, and Adolescent Well-being: A Time–Diary Study of 14-Year-Olds**  
 Grace Chang\*
- 4-5 **Gender, Paid Work, and Mental Health of Adolescents and Young Adults in Resource-Poor Settings of India**  
 Dibyasree Ganguly\*, *Jawaharlal Nehru University*; Srinivas Goli, *University of Western Australia*; Oriel Sullivan, *UCL*
- 4-6 **Childhood ADHD Symptoms, Diagnosis, and Adult Well-being: An Examination of Labeling Theory**  
 Kira England\*
- 4-7 **Grandparental Death and Adolescent Depressive Symptoms**  
 Emily Smith-Greenaway, *University of Southern California*; Michelle Livings\*, *University of Southern California*; Rachel Margolis, *University of Western Ontario*; Ashton Verdery, *Pennsylvania State University*

## 5 Flash: COVID-19 Data, Measures, and Methods in Low- and Middle-Income Countries

CHAIR: Ayesha Mahmud, *University of California, Berkeley*

### 8:00 AM-9:30 AM — International 6

#### 5-1 Can Big Data From Social Networks Predict Epidemic Outbreaks?

Alexandre Gori Maia\*, *University of Campinas*; Jose Daniel Morales Martinez, *University of Campinas*; Leticia Marteleto, *University of Texas at Austin*; Cristina Guimaraes Rodrigues, *University of São Paulo*; Luiz Gustavo Sereno, *University of Campinas*

#### 5-2 Age Reporting for the Oldest Old in the Brazilian COVID-19 Vaccination Database: What Can We Learn From It?

Cassio Turra\*, *CEDEPLAR*; Fernando Fernandes, *Cedeplar - UFMG*; Marília Nepomuceno, *Max Planck Institute for Demographic Research*; Julia Calazans, *Cedeplar - Federal University of Minas Gerais*

#### 5-3 COVID-19 Age-Mortality Curves for 2020 Are Flatter in Developing Countries Using Both Official Death Counts and Excess Deaths

Gabriel Demombynes\*, *World Bank*; B. Piedad Urdinola, *Universidad Nacional de Colombia-Bogota*

#### 5-4 Food Assistance and Mobility During COVID-19 Lockdowns

Monica Mogollon\*, *Rutgers University*; Juan Mogollon, *Universidad de los Andes, Colombia*; Catalina Villamil, *Universidad Nacional de Colombia*

#### 5-5 Under-5 Mortality During the COVID-19 Outbreak: Evidence From Four Demographic Surveillance Systems in Low-Income Countries

Julio Romero Prieto\*, *London School of Hygiene and Tropical Medicine*; Andrea Verhulst, *University of Pennsylvania*; Nurul Alam, *International Centre for Diarrhoeal Disease Research, Bangladesh*; Constance Cruz; Momodou Jasseh, *Medical Research Council - The Gambia Unit at London School of Hygiene and Tropical Medicine*; ARISH QAMAR; Gilles Pison, *French Museum of Natural History - French Institute for Demographic Studies*; Michel Guillot, *University of Pennsylvania and INED*; Georges Reniers, *London School of Hygiene and Tropical Medicine*

#### 5-6 The Rapid Mortality Mobile Phone Surveys (RAMMPS) Project

Georges Reniers\*, *London School of Hygiene and Tropical Medicine*

## 6 COVID-19 and Mortality

CHAIR: Mary Beth Ofstedal, *Institute for Social Research, University of Michigan*  
DISCUSSANT: Theresa Andrasfay, *University of Southern California*

### 8:00 AM-9:15 AM — M104

#### 6-1 Life Expectancy Losses and Lifespan Disparity During the Pandemic Years 2020–2021: Evidence From 37 Industrialized Countries

Dmitry Jdanov\*, *Max Planck Institute for Demographic Research*; Domantas Jasilionis, *Max Planck Institute for Demographic Research*; Nazrul Islam, *University of Oxford*

#### 6-2 Measuring and Modeling Years of Life Lost Due to COVID-19

Scott Lynch\*, *Duke University*; Christina Kamis, *University of Wisconsin-Madison*

#### 6-3 County-Level Racial/Ethnic Inequities in Excess Mortality During the COVID-19 Pandemic

Dielle Lundberg\*, *Boston University*; Elaine Nsoesie, *Boston University*; Irma Elo, *University of Pennsylvania*; Samuel Preston, *University of Pennsylvania*; Katherine Hempstead; Andrew Stokes, *Boston University*

#### 6-4 County-Level Socioeconomic Disparities in COVID-19 Mortality in the United States

Denys Dukhovnov\*, *University of California, Berkeley*; Magali Barbieri, *Human Mortality Database, UC Berkeley*; INED

## 7 Statistical and Bayesian Methods in Demography

CHAIR: Adrian Raftery, *University of Washington*  
DISCUSSANT: Mark Wheldon, *United Nations Population Division*

### 8:00 AM-9:15 AM — International 9

#### 7-1 Modeling Strategies for Data Synthesis in Global Health With the Estimation of Child Mortality as an Illustration

Jon Wakefield\*, *University of Washington*; Katie Wilson, *University of Washington*

#### 7-2 A Bayesian Hierarchical Time Series Model for Estimating Sex Disparity in Age-Specific Mortality

Fengqing Chao\*, *King Abdullah University of Science and Technology*; Bruno Masquelier, *Centre for Demographic Research, Université catholique de Louvain*; Haavard Rue, *King Abdullah University of Science and Technology*; Hernando Ombao, *King Abdullah University of Science and Technology*; Leontine Alkema, *University of Massachusetts Amherst*

#### 7-3 Small Area Estimation of District-Level Age-Specific Fertility in Sub-Saharan Africa, 2000–2020

Oliver Stevens\*; Matthew Thomas, *Imperial College*; Jeffrey Eaton, *Imperial College*

- 7-4 **Measuring the Educational Gradient of Period Fertility Behavior in Europe**  
 Angela Greulich\*, *OSC - IEP Sciences Po Paris*; Laurent Toulemon, *Institut National d'Études Démographiques (INED)*

## 8 Gender, Work, and Family in High-Income Countries

CHAIR: Iga Magda, *Warsaw School of Economics*  
 DISCUSSANT: Isha Bhatnagar, *Cornell University*

**8:00 AM-9:15 AM — International 10**

- 8-1 **The Rise of Cohabitation and Changes to Gendered Work Specialization**  
 Alicia Adsera\*, *Princeton University*; Federica Querin, *Princeton University*
- 8-2 **The Child Tax Credit and Labor Market Outcomes of Mothers**  
 Hyein Kang\*
- 8-3 **Optional Familism and Educational Differences in Work–Family Arrangements**  
 Andreas Jozwiak\*
- 8-4 **Educational Differences in Parents' Time Use in Heterogeneous Child Care, 2004–2019**  
 Sujung Lee\*, *Yonsei University*; Seongsoo Choi, *Yonsei University*

## 9 Neighborhoods, Housing, and Inequality

CHAIR: Jacob Rugh, *Brigham Young University*  
 DISCUSSANT: Lydia Wileden,  
 DISCUSSANT: Kendra Bischoff, *Cornell University*

**8:00 AM-9:15 AM — M103**

- 9-1 **Race, Housing Policy, and the Demographic and Spatial Structure of Modern Housing Programs: Who Receives Rental Assistance and Where Do They Live?**  
 Andrew Fenelon\*, *Pennsylvania State University*
- 9-2 **Gentrification, Displacement, and the Role of Federal Place-Based Policy**  
 Laura Tach\*, *Cornell University*; Emily Parker, *Cornell University*
- 9-3 **Neighborhood Change and Neighborhood Inequality in the Suburbs, 1990–2019**  
 Kristin Perkins\*, *Georgetown University*; Hyojung Lee, *Virginia Tech*
- 9-4 **It Is Surprisingly Difficult to Measure Income Segregation**  
 Josh Gagné\*, *Stanford University*; Sean Reardon, *Stanford University*

## 10 Parenthood, Health, and Well-being

CHAIR: Lisa Stroschein, *The University of Alberta*  
 DISCUSSANT: Emma Zang, *Yale University*  
 DISCUSSANT: Sneha Kumar, *University of Texas at Austin*

**8:00 AM-9:15 AM — M102**

- 10-1 **Parenting From a Distance: Children's Living Arrangements and Migrant Parents' Well-being in South Africa**  
 Sangeetha Madhavan\*, *University of Maryland, College Park*; Seungwan Kim, *University of Maryland*; Michael White, *Brown University*
- 10-2 **Mental Health Before and During the COVID-19 Pandemic: The Role of Partnership and Parenthood Status in Growing Disparities Between Types of Families**  
 Nicole Hiekel, *German Youth Institute (DJI)*; Mine Kühn\*, *Max Planck Institute for Demographic Research*
- 10-3 **Any Hope Outside of the Dual-Earner Model? Health and Life Satisfaction in Male and Female Breadwinner Families Across Institutional Contexts in Europe**  
 Clementine Rossier\*, *Université de Genève*; Gina Potarca, *NCCR LIVES*
- 10-4 **Parenting Stress Among Mothers With Young Children in Singapore: The Role of Mother's Human Capital and Self-control**  
 Luxi Chen\*, *National University of Singapore*

## 11 Fertility and Reproductive Health Across the Life Course

CHAIR: Yasamin Kusunoki, *University of Michigan*  
 DISCUSSANT: Lindsay Cannon, *University of Wisconsin - Madison*

**8:00 AM-9:15 AM — M304**

- 11-1 **Why Do People Risk an Unintended Pregnancy? Explaining Non-Use of Contraception Among People Not Trying to Have a Child**  
 Jasmin Passet-Wittig\*, *Federal Institute for Population Research*; Detlev Lueck, *Federal Institute for Population Research*
- 11-2 **Maternal Health After Unplanned Births: Evidence From the Constances Cohort Study**  
 Anna Barbuscia\*, *Institut National d'Études Démographiques (INED)*; Ariane Pailhé, *INED*; Anne Solaz, *INED*
- 11-3 **The Association Between Intimate Partner Violence and Multiple-Partner Fertility Among Colombian Women**  
 Iris Cardenas\*, *Rutgers University*



## 12 Men's Fertility and Sexual and Reproductive Health

CHAIR: Jessica Gipson, University of California, Los Angeles

DISCUSSANT: Jeffrey Edmeades, Avenir Health

### 8:00 AM-9:15 AM — International 7

- 12-1 **"If I Am Ready": Exploring the Relationships Between Masculinities, Reproductive Life Courses, and Pregnancy Supportability Among Men**  
Joe Strong\*, London School of Economics and Political Science (LSE)
- 12-2 **Internal Migration and Male Fertility in Rural and Urban Sub-Saharan Africa**  
Ashira Menashe-Oren\*, Université Catholique de Louvain; David Sanchez Paez, Université catholique de Louvain
- 12-3 **Reconstructing and Projecting Male Fertility Around the World**  
Bruno Schoumaker\*, Université Catholique de Louvain
- 12-4 **Husbands', Wives', and Couples' Fertility Preferences in Fertility Transitions: Levels and Trends in Six Pretransitional Countries in Sub-Saharan Africa**  
Dana Sarnak\*, Johns Hopkins Bloomberg School of Public Health; Stan Becker, Johns Hopkins Bloomberg School of Public Health

## 13 Gender Inequality in Low- and Middle-Income Countries

CHAIR: Ndola Prata, University of California, Berkeley

DISCUSSANT: Ndola Prata, University of California, Berkeley

### 8:00 AM-9:15 AM — M106

- 13-1 **The Burden of Unpaid Activities on Gender Equality in Indian states**  
Aditi Prasad\*; Aparajita Chattopadhyay, International Institute for Population Sciences
- 13-2 **Gender Disparities in Young People's Agency Over the Course of Adolescence in Kinshasa: Results From the Global Early Adolescent Study**  
Linnea Zimmerman\*, Johns Hopkins Bloomberg School of Public Health; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Astha Ramaiya, Ifakara Health Institute; Eric Mafuta, University of Kinshasa School of Public Health, Kinshasa, DRC; Aimee Lulebo, University of Kinshasa School of Public Health, Kinshasa, DRC; Caroline Moreau, INSERM/INED and Johns Hopkins School of Public Health
- 13-3 **Female Empowerment and the Intrinsic Demand for Agency: Experimental Evidence From Northern Nigeria**  
Kenneth Leonard\*, University of Maryland; Markus Goldstein, The World Bank; Marcel Fafchamps, Stanford University; M. Mehrab Bakhtiar, IFPRI; Sreelakshmi Papineni, The World Bank

## 13-4 The Gendered Economic Outcomes of Mexican Return Migrants

Michael Schultz\*, University of Texas at Austin; Jacqueline Hagan, University of North Carolina at Chapel Hill; Joshua Wassink, Office of Population Research, Princeton University

## 14 Urban Health

CHAIR: Virginia Chang, New York University

DISCUSSANT: Solveig Cunningham, Emory University

### 8:00 AM-9:15 AM — M109

- 14-1 **Historical Redlining and the Health of Contemporary Urban Residents: A Nashville-Based Community Study**  
Reed DeAngelis\*
- 14-2 **Rural-to-Urban Migration and Overweight Status in Low- and Middle-Income Countries: Evidence From Longitudinal Data in Indonesia**  
Weilong Li\*, University of Pennsylvania
- 14-3 **The Impact of Working Conditions on Mental Health: Novel Evidence From the United Kingdom**  
Michele Belloni, University of Torino; Ludovico Carrino\*, King's College London; Elena Francesca Meschi, University of Milano Bicocca
- 14-4 **Public Mental Health Facility Closures and Criminal Justice Contact in Chicago**  
Ashley Muchow\*, University of Illinois at Chicago; Agustina Laurito, University of Illinois at Chicago

## 15 Migration, Gender, and Families

CHAIR: Jennifer Glick, Pennsylvania State University

DISCUSSANT: Emily Treleaven, University of Michigan

DISCUSSANT: Abigail Weitzman, University of Texas at Austin

### 8:00 AM-9:15 AM — M105

- 15-1 **Family Resources, Gender, and Adolescent Migration Aspirations in a Low-Income Setting**  
Melissa Alcaraz\*, The Ohio State University; Kammi Schmeer, The Ohio State University
- 15-2 **Migration, Gender, and Families: The Effects of Spousal Migration on Women's Empowerment**  
Heidi West\*, University of California, Los Angeles; Angubeen Khan, University of California, Los Angeles; Abdur Razzaque, International Center for Diarrhoeal Disease Research; Randall Kuhn, University of California-Los Angeles
- 15-3 **Parental Migration Experience and Children's Marriage Timing in Nepal**  
Ka U Ng; Chih-lan Winnie Yang, McGill University; Sarah Brauner-Otto\*, McGill University
- 15-4 **How Does Father's Migration Status Influence School Choice and Achievement of Their Children?**  
Dirgha Ghimire\*, University of Michigan; Uttam Sharma

## 16 Adult Mortality in Low- and Middle-Income Countries

CHAIR: Christine Bachrach, *University of Maryland*

DISCUSSANT: Lauren Gaydos, *Vanderbilt University*

### 8:00 AM-9:15 AM — M101

- 16-1 **Mortality Impact of Chile's Explicit Health Guarantees (GES) Insurance Reform**  
Felipe Menares\*
- 16-2 **Cardiovascular Disease and Associated Risk Factors Among Older Adults in India: Evidence From LASI Wave 1**  
Jhumki kundu\*
- 16-3 **Behavioral Economic Incentives to Support HIV Treatment Adherence (BEST): One-Year Results of a Randomized Controlled Trial in Uganda**  
Sebastian Linnemayr\*, *RAND Corporation*; Zachary Wagner, *RAND Corporation*; Uzaib Saya, *Pardee RAND Graduate School/RAND Corporation*; Chad Stecher, *Arizona State*; Mary Odiit, *Mildmay Uganda*; Barbara Mukasa, *Mildmay Uganda*
- 16-4 **Recent Trends in Adult Mortality in Sub-Saharan African Countries Using Sibling Histories Data**  
Kai Hon Tang\*; Jeffrey Eaton, *Imperial College*

## 17 Spatial Mobility and Neighborhood Change

CHAIR: Corina Graif, *Pennsylvania State University*

DISCUSSANT: Barbara Entwisle, *University of North Carolina at Chapel Hill*

DISCUSSANT: Megan Evans, *Pennsylvania State University*

### 8:00 AM-9:15 AM — International 2

- 17-1 **Neighborhood Crime and Patterns of Older Adults' Activity Space: Evidence From the Chicago Health and Activity Space in Real-Time (CHART) Study**  
Alyssa Goldman\*, *Boston College*; Liang Cai, *University of Chicago*; Christopher Browning, *Ohio State University*
- 17-2 **Daily Diversity Flows: Assessing Intraday Change in Ethnoracial Diversity at Home and Work**  
Christian Hess\*, *Cornell University*; Matthew Hall, *Cornell University*
- 17-3 **"Green" Selection Into Neighborhoods Among a Highly Mobile Population in California, 2007–2015**  
Samantha Gailey\*, *University of Minnesota*; Tim-Allen Bruckner, *University of California, Irvine*
- 17-4 **The Effect of Natural Disasters on Migration and Demographic Change at the Neighborhood Level: U.S. Hurricanes, 2005–2018**  
Theodore Mouw\*, *University of North Carolina at Chapel Hill*; Elizabeth Frankenberg, *University of North Carolina at Chapel Hill*; Anna Gardner, *UNC-Chapel Hill*

## 18 The Great Demographic Illusion: Racial Change in the United States

CHAIR: Reynolds Farley, *University of Michigan*

### 8:00 AM-9:15 AM — International 3

- 18-1 **Panelist - Discussant**  
Nicholas Jones\*, *U.S. Census Bureau*
- 18-2 **Panelist - Discussant**  
Carolyn Liebler\*, *University of Minnesota*
- 18-3 **Panelist - Discussant**  
Dowell Myer\*, *University of Southern California*
- 18-4 **Panelist - Discussant**  
Emilio Parrado\*, *University of Pennsylvania*
- 18-5 **Author of "The Great Demographic Illusion"**  
Richard Alba\*, *City University of New York*

## NIH Program Officer/ P2C Administrator Meeting

### 9:00 AM-10:30 AM — L402

## Census Bureau Hiring and Recruiting

### 9:00 AM-3:00 PM — L503

## 19 Intergenerational Relationships and Well-being

CHAIR: Jeffrey E. Stokes, *University of Massachusetts Boston*

DISCUSSANT: Minki Chatterji, *National Institute on Aging (NIA)*

### 9:45 AM-11:00 AM — International 4

- 19-1 **Women's Intergenerational Intimate Partner Violence and Household Child Abuse in Burma (Myanmar)**  
Stephanie Miedema\*, *Emory University*; Aye Thiri Kyaw, *London School of Economics*
- 19-2 **Social Relationships in Later Life: Does Marital Status Matter?**  
Zhenmei Zhang\*, *Michigan State University*; Ning Hsieh, *Michigan State University*; Wenhua Lai, *Michigan State University*
- 19-3 **Dynamics of Intergenerational Proximity Before and After Parents' Health Shocks**  
Yongxin Shang\*, *Cornell University*; Adriana Reyes, *Cornell University*
- 19-4 **Parent-Surviving Child Relationship Dynamics Following Child Death in Later Life**  
Kagan Mellencamp\*, *Bowling Green State University*

## 20 Cognitive Aging in Low- and Middle-Income Countries

CHAIR: Bussarawan Teerawichitchainan, National University of Singapore

DISCUSSANT: Amal Harrati, Stanford University

### 9:45 AM-11:00 AM — International 7

- 20-1 **Deciphering the Upward Spillover Effect of Children's Education on Parental Cognitive Aging: Evidence From the Compulsory Schooling Law in China**  
Zhuoer Lin\*, Yale University; Xi Chen, Yale University
- 20-2 **The Influence of Birth Cohort Differences in Education and Occupation Type on the Cognitive Function of Mexican Older Adults**  
Mariela Gutierrez\*, Brian Downer, University of Texas Medical Branch; Rebeca Wong, University of Texas Medical Branch
- 20-3 **Caring for Parents and In-Laws in China: Implications for Cognitive Functioning of Adult Child Caregivers**  
Zhiyong Lin\*, University of Texas at Austin; Haoshu Duan, University of Maryland

## 21 Estimates and Projections of COVID-19 Pandemic-Induced Population Change

CHAIR: Sara Curran, University of Washington

DISCUSSANT: Neal Marquez, University of Washington

DISCUSSANT: TBD Discussant,

### 9:45 AM-11:00 AM — International 1

- 21-1 **COVID-19 Insights Using Census Household Pulse Survey Combined With Community Resilience Estimates (CRE) and the Social Vulnerability Index (SVI)**  
Renee Ellis\*, U. S. Census Bureau; Robert Nowak, U. S. Census Bureau; Kathryn Mcnamara, U. S. Census Bureau; Joy Brown, U. S. Census Bureau
- 21-2 **Puerto Rico Migration: Methodological Adjustments Using Airline Passenger Traffic Data**  
Angelica Menchaca\*, U.S. Census Bureau; Jason Schachter, U.S. Census Bureau
- 21-3 **Impact of COVID-19 Infection on Life Expectancy, Premature Mortality, and DALY in Maharashtra, India**  
Sanjay K Mohanty, International Institute for Population Sciences; Guru Vasishtha\*, International Institute for Population Sciences
- 21-4 **Robustness and Bias of European Excess Death Estimates Under Varying Model Specifications**  
Jonas Schöley\*, Interdisciplinary Centre on Population Dynamics

## 22 Economic Mobility and the Transition to Adulthood

CHAIR: Annaliese Grant, University of Wisconsin–Madison

DISCUSSANT: Monica Grant, University of Wisconsin–Madison

### 9:45 AM-11:00 AM — International 8

- 22-1 **Upward Mobility Context and Health Outcomes and Behaviors in Emerging Adulthood: The Intersectionality of Race/Ethnicity and Gender**  
Emma Zang\*, Yale University; Nathan Kim; Melissa Tian, Yale University
- 22-2 **A Tale of Two Cohorts: Educational Differentials in Labor Market Outcomes Cumulated Over the Early Life Course**  
Limor Gabay-Egozi\*, Bar-Ilan University, Israel; Hyunjoon Park, University of Pennsylvania; Meir Yaish, University of Haifa
- 22-3 **College Dropout and the Transition to Adulthood**  
Christina Ciocca Eller, Harvard University; Ohjae Gowen\*, Harvard University; Natasha Quadlin, University of California, Los Angeles
- 22-4 **Time Waits for No One: Delayed Enrollment and Bachelor's Degree Attainment**  
Stefanie DeLuca, Johns Hopkins University; Jasmine Sausedo\*; Robert Bozick, Rice University

## 23 COVID-19 in Rural America

CHAIR: J. Tom Mueller, University of Oklahoma

DISCUSSANT: Raeven Chandler, Pennsylvania State University

### 9:45 AM-11:00 AM — M104

- 23-1 **Rural-Urban Variation in COVID-19 Experiences and Impacts Among U.S. Working-Age Adults**  
Shannon Monnat\*, Syracuse University
- 23-2 **Undergraduate Vaccine Hesitancy and the Influence of "Home" Locales**  
Tyler Myroniuk\*, University of Missouri; Enid Schatz, University of Missouri, Columbia; Michelle Teti, University of Missouri; Joan Hermesen, University of Missouri
- 23-3 **Rural–Urban School District Disparities in COVID-19 Response and Impacts on Student Enrollment and Teacher Retention**  
Sarah Pedersen\*, Princeton University; Emily Miller, Princeton University
- 23-4 **Pandemic Migration in Rural America**  
Julia Petersen; Richelle Winkler\*, Michigan Technological University; Miranda Mockrin, USDA Forest Service

## 24 Flash: COVID-19, Social Isolation, and Mental Health

CHAIR: Joanna Maselko, *University of North Carolina at Chapel Hill*

9:45 AM-11:15 AM — International 5

- 24-1 **Pregnant During the Pandemic: Exploring the Experiences of Pregnant and Postpartum Women During COVID-19**  
Courtney Williams\*, *Louisiana State University*; Heather Rackin, *Louisiana State University*
- 24-2 **Neighborhoods and Changes in Psychological Distress and Stress During the COVID-19 Pandemic: The Role of Social Capital**  
Kimberly Wu\*
- 24-3 **The Impact of COVID-19 Policy Responses on Mental Well-being: Evidence From 28 European Countries**  
Veronica Toffolutti\*, *Università Commerciale Luigi Bocconi*; Samuel Plach, *Bocconi University*; Teodora Maksimovic, *Bocconi University*; Massimiliano Mascherini, *Eurofund*; Giorgio Piccitto, *Bocconi University*; Letizia Mencarini, *Università Bocconi*; Arnestein Aassve, *Bocconi University*
- 24-4 **Unemployment Benefit Receipt and Substance Use Among Low-Income Households During COVID-19**  
Soyun Jeong\*, *University at Albany, SUNY*; Ashley Fox, *University at Albany, SUNY*
- 24-5 **Social Networks and Psychological Well-being of Chinese Immigrants in the United States During the COVID-19 Pandemic**  
Yingzhi Xu\*, *Yale University*; Giovanna Merli, *Duke University*; Theodore Mouw, *University of North Carolina at Chapel Hill*
- 24-6 **Social Networks in America During COVID-19**  
Byungkyu Lee\*, *New York University -- Abu Dhabi*; Benjamin Hartmann, *Indiana University*

## 25 Statistical Methods for Measurement Error and Small-Area Estimation

CHAIR: Nathan Welch, *University of Washington*

DISCUSSANT: Heather King, *U.S. Census Bureau*

9:45 AM-11:00 AM — International 9

- 25-1 **A Bayesian Hierarchical Small-Area Population Model Accounting for Data Source Specific Methodologies From American Community Survey, Population Estimates Program, and Decennial Census Data**  
Emily Peterson\*, *Emory University*; Rachel Nethery, *Harvard University*; Tullia Padellini, *Imperial College UK*; Jarvis Chen, *Harvard University*; Brent Coull, *Harvard University*; Fred Piel, *Imperial College UK*; Jon Wakefield, *University of Washington*; Marta Blangiardo, *Imperial College UK*; Lance Waller, *Emory University*
- 25-2 **Stock-Flow Sampling and Marriage Preference Parameter Estimation in a Two-Sided Logit**  
Michael Rendall\*, *University of Maryland-College Park*; Shuchi Goyal, *UCLA*; Mark Handcock, *University of California*; Heide Jackson, *University of Maryland-College Park*
- 25-3 **Measuring Within and Between Group Inequality in Infant Mortality Over Time: A Bayesian Approach With Application to India**  
Antonio Pedro Ramos\*, *University of California, Los Angeles*
- 25-4 **A New Approach to Estimate Age-Specific Mortality From Sibling Survival History Data in the Presence of Recall Errors**  
Zhengfan Wang\*, *University of Massachusetts Amherst*; Emily Peterson; Stéphane Hellingranger, *Johns Hopkins University*; Bruno Masquelier, *Centre for Demographic Research, Université catholique de Louvain*; Leontine Alkema, *University of Massachusetts Amherst*

## 26 Nonstandard Work Arrangements and Their Consequences

CHAIR: Christopher Lowenstein, *Stanford University*

DISCUSSANT: Patrick Präg, *Institut Polytechnique de Paris*

9:45 AM-11:00 AM — International 10

- 26-1 **Nonstandard Work Schedules in the United Kingdom: What Are the Implications for Parental Mental Health and Relationship Happiness?**  
Afshin Zilanawala\*, *University of Southampton*; Anne McMunn, *University College London*
- 26-2 **When Are Women Who Work From Home More Likely to Have Children?**  
Beata Osiewalska\*, *University of Warsaw*; Anna Matysiak, *University of Warsaw*; Anna Kurowska



26-3 **Unequal Gains from Remoteability: Evidence from Longitudinal Data in Singapore**  
Poh Lin Tan\*, *National University of Singapore*; Zeewan Lee, *National University of Singapore*; Jie Sheng Tan-Soo, *National University of Singapore*

26-4 **The Role of Home-Based Work for Return to Employment After Birth**  
Anna Matysiak\*, *University of Warsaw*; Beata Osiewalska, *University of Warsaw*; Anna Kurowska

## 27 Human Capital and Inequality in Low- and Middle-Income Countries

CHAIR: **Wolfgang Lutz**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*

DISCUSSANT: **Wolfgang Lutz**, *Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*

**9:45 AM-11:00 AM — M103**

27-1 **A Dividend or Divider? Fertility Transitions and Economic Inequality in Sub-Saharan Africa**  
Gorreyt Parmu, *Population Reference Bureau (PRB)*; Parfait M. Eloundou-Enyegue\*, *Cornell University*

27-2 **Age Structure, Education, and Economic Growth in India: Evidence and Policy Implications**  
Abhishek Kumar\*, *Central University of Gujarat*; William Joe, *Institute of Economic Growth*

27-3 **Unequal Opportunities of Human Capital Investment From Different Socioeconomic Origins in Mexico: 1994, 2006, and 2014**  
Rosa-Elvira Cedillo-Villar\*

27-4 **Educational Progress of Women in Turkey: Mechanisms of Demographic Change and Inequality of Opportunity**  
Serdar Polat\*, *Presidency of Turkey, Presidency of Strategy and Budget*

## 28 Comparative Perspectives on Families

CHAIR: **Wei-Jun Yeung**, *National University of Singapore*

DISCUSSANT: **James M Raymo**, *Princeton University*

**9:45 AM-11:00 AM — International 2**

28-1 **Inequalities in Resources for Preschool-Age Children by Parental Education: Evidence From Six Advanced Industrialized Countries**  
Jane Waldfogel\*, *Columbia University*; Elizabeth Washbrook, *University of Bristol*

28-2 **Children's Living Arrangements Across the Globe**  
Arnstein Aassve\*, *Bocconi University*; Marcia Carlson, *University of Wisconsin-Madison*; Albert Esteve, *Centre d'Estudis Demografics*; Letizia Mencarini, *Università Bocconi*

28-3 **Macro-Level Gender Equality and Individuals' Aversion to Female Hypogamy in 42 Countries: Are Men More Aversive Than Women?**  
Sangsoo Lee\*

28-4 **The Speed of Life and the Life Course**  
Nicoletta Balbo\*, *Bocconi University*; Francesco Billari, *Bocconi University*; Elia Boschetti

## 29 Family Contexts and Children's Health, Development, and Well-being

CHAIR: **Kriti Vikram**, *National University of Singapore*

DISCUSSANT: **Kammi Schmeer**, *Ohio State University*

DISCUSSANT: **Daniel Miller**, *Boston University*

**9:45 AM-11:00 AM — M102**

29-1 **Best for Whom? Heterogeneous Treatment Effects of Breastfeeding on Child Development**  
Jessica Su\*, *University of North Carolina at Chapel Hill*; Kerri Raissian, *UConn*; Jiyeon Kim, *University of North Carolina at Chapel Hill*

29-2 **Mothers' Nonstandard Work Schedules and Children's Socioemotional Development: Divergent Patterns by Maternal Education**  
Jia Wang\*, *University of Wisconsin-Madison*

29-3 **Who Eats Last? Intrahousehold Gender Inequality in Food Allocation Among Children**  
Dipanwita Ghatak, *Indian Institute of Management Bangalore*; Soham Sahoo\*; Sudipa Sarkar; Varun Sharma, *Child Rights and You*

29-4 **Intergenerational Impact of Aging on Children's Health and Schooling**  
Sophia Chae\*, *University of Montreal*; Hans-Peter Kohler, *University of Pennsylvania*; Iliana Kohler, *University of Pennsylvania-Population Studies Center*

## 30 Fertility and Family Planning During Social Crises

CHAIR: **Philip Cohen**, *University of Maryland, College Park*

DISCUSSANT: **Jacqueline Ellison**,

**9:45 AM-11:00 AM — M304**

30-1 **Inequalities in Fertility and Reproductive Health Outcomes Across Novel Infectious Disease Crises**  
Leticia Marteleto\*, *University of Texas at Austin*

30-2 **Trump Voting and Fertility Change During the Pandemic in Florida**  
Heather Rackin\*, *Louisiana State University*; Christina Gibson-Davis, *Duke University*; Courtney Williams

30-3 **The Impact of COVID-19 on Family Planning Service Delivery at Title X-Supported Clinics in Texas**  
Kristen Burke\*, *University of Texas at Austin*; Gracia Sierra, *University of Texas at Austin*; Klaira Lerma, *University of Texas at Austin*; Kari White, *University of Texas at Austin*

30-4 **Recent Birth Trends in Europe: Disentangling the Effect of the Pandemic and the Demographic Trap**

Giammarco Alderotti\*, *University of Florence*; Letizia Mencarini, *Università Bocconi*; Daniele Vignoli, *University of Florence*

**31 Sexuality, Intersectionality, and Health**

CHAIR: Ariane Ophir, *Centre for Demographic Studies*

DISCUSSANT: Samuel Silva, *Cedeplar UFMG*

**9:45 AM-11:00 AM — M106**

31-1 **Preventive Care Inequities at the Intersection of Sexuality, Gender, and Race/Ethnicity: The Case of Influenza Vaccination in the United States**

Ning Hsieh\*, *Michigan State University*

31-2 **The Impact of Multiple Minority Statuses on Health Disparities for Sexual Minorities**

Steven Weeks\*, *University of Texas at San Antonio*

31-3 **Social Support for Sexual-Minority Families During the COVID-19 Pandemic**

Kristen Gustafson\*; Wendy Manning, *Bowling Green State University*; Claire Kamp Dush, *University of Minnesota*

31-4 **Demographic and Health Characteristics and Parenthood Across Three Cohorts of Sexual Minority Adults**

Kay Simon, *University of Connecticut*; Gaëlle Meslay\*, *Institut National d'Études Démographiques (INED)*; Rachel Farr, *University of Kentucky*; Stephen Russell, *University of Texas at Austin*

**32 The Environment and Population Health**

CHAIR: Victoria Sass, *University of Washington*

DISCUSSANT: Anjum Hajat, *University of Washington*

**9:45 AM-11:00 AM — M109**

32-1 **Race Disparities in Temperature-Related Deaths in the United States**

Risto Conte Keivabu\*, *European University Institute*; Ugofilippo Basellini, *Max Planck Institute for Demographic Research*; Emilio Zagheni, *Max Planck Institute for Demographic Research*

32-2 **The Medium-Term Impact of Prenatal Exposure to Air Pollution**

Chiara Serra\*, *Università Bocconi*; Simone Ferro, *University of Milan*; Alessandro Palma, *ran Sasso Science Institute and CEIS - Tor Vergata University*; Massimo Stafoggia, *Lazio Region Health Service*

32-3 **The Effect of Bituminous Coal Bans on Lung Disease Among Older People in Ireland**

Sean Lyons, *Economic & Social Research Institute*; Likun Mao, *Trinity College Dublin*; Anne Nolan; Vincent O'Sullivan\*, *Lancaster University*

32-4 **Association Between Indoor Air Pollution, Depression, Insomnia and Their Interplay on Cognitive Health Among Older Adults in India**

Subhojit Shaw\*; Sampurna Kundu; Aparajita Chattopadhyay, *International Institute for Population Sciences*

**33 Opportunities and Barriers: Migrant Selection and Policy Constraints**

CHAIR: Rebecca Tesfai, *Temple University*

DISCUSSANT: Ernesto Amaral, *Texas A&M University*

**9:45 AM-11:00 AM — M105**

33-1 **Gender Inequality in International Scholarly Migration: Evidence on German-Affiliated Researchers From 8 Million Scopus Publications**

Xinyi Zhao\*, *Max Planck Institute for Demographic Research*; Samin Aref, *University of Toronto*; Emilio Zagheni, *Max Planck Institute for Demographic Research*; Guy Stecklov, *University of British Columbia*

33-2 **Gender Differences in Migration Selection: Focusing on Korean Immigrants to the United States**

Minyoung An\*

33-3 **Up and Down the Legal Immigration Escalator: The Case of U.S. Conditional Legal Permanent Residents**

Guillermina Jasso\*, *New York University*; Mark R. Rosenzweig, *Yale University*

33-4 **How Documentation Patterns Over Lifetime Migration Shape Migrants' Labor Market Outcomes: Evidence From Mexican Migrants in the United States**

Zhenxiang Chen\*, *University of California, Los Angeles*

**34 Infant Health and Mortality in Context**

CHAIR: Juanita Chinn, *Eunice Kennedy Shriver National Institute of Child Health and Human Development*

DISCUSSANT: Emily Parker, *University of Michigan*

**9:45 AM-11:00 AM — M101**

34-1 **Trends in Risk of Low and Very Low Birth Weight, by Maternal Race/Ethnicity and Age, 1990–2018: Three Decades of Weathering**

Hannah Olson\*, *University of Pennsylvania*

34-2 **Changes to the Composition of Births and Birth Outcomes in Texas, USA, Following Changes in the State-Level Funding of Family Planning Clinics**

Allison Stolte\*, *Duke University*

34-3 **Is Medicaid Expansion More Effective in Socially Vulnerable Communities?**

Yongjin Choi\*; Sungyoon Lee, *University at Albany, SUNY*; Ashley Fox, *University at Albany, SUNY*

34-4 **Impacts of the Chernobyl Accident on U.S. New-borns: Fetal Death and Birth Outcomes**

Chon-Kit Ao\*, *National Cheng Kung University*; Teng-Jen Chang, *AHEAD Medicine*; Ming-Jen Lin, *National Taiwan University*

P2

**What Influences Fertility and Gender Preference: The Gender Difference or the Gender of the First Child or the Gender of the Only Child? A Study of the Population Exposed to Extreme Weather Events in Bangladesh**

Shah Md Atiqul Haq, *Shahjalal University of Science and Technology*; Khandaker Jafor Ahmed\*

P2

**35 Measuring Sex, Gender Identity, and Sexual Orientation: Findings From a National Academies Study**

CHAIR: Tara Becker, *National Academy of Sciences*

**9:45 AM-11:00 AM — International 3**

35-1 **Guidelines for the Measurement of Sex and Gender**

Kellan Baker\*, *Whitman-Walker Institute*

P2

**Not All Hurricanes Are Born Equal: Distinguishing Between Disruptive and Nondisruptive Hurricanes When Looking at Post-Event Migration**

Eugenio Paglino\*

35-2 **Balancing Science and Community Innovation in Measuring Sexual Orientation Identity**

D'Lane Compton\*, *University of New Orleans*

35-3 **Measuring Gender Identity for the National Institutes of Health: Recommendations from the National Academy of Sciences, Engineering, and Medicine**

Aliya Saperstein\*, *Stanford University*

P2

**Twenty-first Century Bogotá—Older and Lone-liner: Long-Term Implications of Household Size Reduction and City Aging on Energy Consumption According to Census 2018 and Quality of Life Surveys**

Romel Rodriguez, *Ministry of Mines and Energy, Government of Colombia*; Romel Rodriguez\*, *Ministry of Mines and Energy, Government of Colombia*

35-4 **Developing Measures of Intersex Status/Differences in Sex Development at the Population Level**

Tara Becker\*, *National Academy of Sciences*

P2

**Place Attachment, Community Cohesion, and Migration in Southwestern Bangladesh**

Kelsea Best; Amanda Carrico, *University of Colorado Boulder*; Katharine Donato, *Georgetown University*; Bishawjit Mallick\*, *TU Dresden*

**P2 Family Demography, Population Development and Environment**

**10:00 AM-11:30 AM — Marquis Ballrooms A-D (Posters)**

P2 **Migration and Climate Change and Variability in the Contiguous United States at the County Level, 1970–2010**

Shuai Zhou\*, *Pennsylvania State University*; Guangqing Chi, *Pennsylvania State University*; Brian Thiede, *Pennsylvania State University*

P2

**Ambient Temperature and Birthweight in Latin American Cities**

Maryia Bakhtsiyarava\*, *University of California Berkeley*; Ana Ortigoza, *Drexel University*; Ariela Braverman-Bronstein, *Drexel University*; Josiah Kephart, *Drexel University*; Santiago Rodriguez, *Universidad Nacional de Córdoba*; Jordan Rodriguez Hernandez, *Drexel University*; Brisa Sanchez, *Drexel University*; Ana Diez Roux, *Drexel University*

P2 **What Are the Spatial Dynamics of Climate Change in Azerbaijan?**

Chelsea Lissette Cervantes de Blois\*, *University of Minnesota, MPC*

P2 **Integrating Environmental, Population, and Livelihood Datasets to Quantify Human Dimensions of Desertification and Land Degradation (DLD): Age and Gender Structures**

Kevin Mwenda\*, *Brown University*; Narcisa Pricope, *University of North Carolina Wilmington*; Gabriel Daldegan, *Conservation International*; Alex Zvoleff, *Conservation International*; David Lopez-Carr, *University of California, Santa Barbara*

P2

**Predictors of Perceptions of COVID-19 Threat in Uganda and Its Impact on Household Welfare: Evidence From High-Frequency Phone Survey on COVID-19**

John Atwebembeire\*, *Makerere University*; mukoki james; Candia Douglas, *Makerere University*

P2

**Childhood Lead Exposure and Trajectories of Cognitive Functioning Among U.S. Older Adults**

Haena Lee\*, *University of Southern California*; Mark Lee, *University of Minnesota*; John Warren, *University of Minnesota*

- P2 **Climate Change and Conceptions: Comparing Weather and Fertility Linkages in Armenia and Tajikistan**  
Sunnee Billingsley, *Stockholm University*; Kathryn Grace\*, *University of Minnesota, Twin Cities*; Maryia Bakhtsiyarava, *University of Minnesota*
- P2 **The Impact of Heat and Humidity on the Prevalence of Stillbirth in India**  
Payal Hathi\*, *UC Berkeley*
- P2 **Disaster Migration and Social Capitals: Results From the Meta-Analysis**  
Yining Feng\*; Guangqing Chi, *Pennsylvania State University*
- P2 **Climate Change and Food Security in Ethiopia**  
Sara Ghebremicael\*, *UNC-Chapel Hill*; Clark Gray, *University of North Carolina at Chapel Hill*; Heather Randell, *Pennsylvania State University*
- P2 **Women's Internal Migration in Bangladesh: Investigating Type, Timing, and Environmental Intersections**  
Helen Wilson Burns\*, *University of Colorado Boulder*; Amanda Carrico, *University of Colorado - Boulder*; Katharine Donato, *Georgetown University*; Kelsea Best
- P2 **Too Worried About Climate Change to Have Children? Or More Worried About Climate Change Once One Is a Parent? The Reciprocal Relationship Between Environmental Concern and Fertility**  
Erich Striessnig\*, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*; Maria Testa, *Austrian Academy of Sciences*; Steffen Peters, *Max Planck Institute for Demographic Research*; Alessandra Trimarchi, *Department of Sociology, University of Vienna*; Natalie Nitsche, *Max Planck Institute for Demographic Research*
- P2 **Exposure to Urban Environment and Associated Lifestyle Diseases Among Older Adults in India: Evidence From LASI**  
Arup Jana\*; Sampurna Kundu; Subhojit Shaw
- P2 **Climate Shocks and Labor Migration: A Case Study of Rural Mozambique**  
Sam Hyun Yoo\*, *Hanyang University*; Victor Agadjanian, *University of California Los Angeles*
- P2 **Population and Environment: Interrogating the Effects of Ethics and Religious Taboos on Environmental Conservation Using Mixed-Methods Research Incorporating Geographical Information Systems**  
Yemi Adewoyin, *University of Nigeria*; Nkem Adeyemi-Adewoyin\*, *University of Ibadan*
- P2 **Intergenerational Transmission of Green Revolution on Human Capital**  
Vikas Gawai\*, *University of Wisconsin-Madison*; Valentina Duque, *University of Sydney*; Lauren Schmitz, *University of Wisconsin-Madison*
- P2 **Climate Shocks and Violence Against Women: Examining the Relationship Between Drought and Intimate Partner Violence in India**  
Nabamallika Dehingia\*, *University of California San Diego*; Anita Raj, *University of California San Diego*
- P2 **Association Between Environmental Parameters and COVID-19 Infection in India**  
Arup Jana; Aparajita Chattopadhyay\*, *International Institute for Population Sciences*; Subhojit Shaw; Sampurna Kundu
- P2 **Intergenerational Consequences of Maternal Adverse Childhood Experiences for Emotional Support and Cognitive Stimulation of Children**  
Lawrence Stacey\*, *The Ohio State University*; Kristi Williams, *The Ohio State University*
- P2 **The Conditional Indirect Effect of Polygyny in the Relationship Between Decision Autonomy, Antenatal Care, and Birthweight**  
Tolulope Ariyo\*, *Xi'an Jiaotong University*; Quanbao Jiang, *Xi'an Jiaotong University*
- P2 **Components of Race Differences in First Marriage Rates, 1960–2019**  
Steven Ruggles\*, *University of Minnesota*
- P2 **Economic Uncertainty and Partnership Status in Lowest-Low Fertility Countries**  
Ryohei Mogi\*, *University of Oxford*; Ryota Mugiya, *Gakushuin University*; Giammarco Alderotti, *University of Florence*
- P2 **Impact of Grandparental Childcare on Fertility Decisions of Female Chinese Immigrants in Spain: A Qualitative Study**  
Mengyao Wu\*, *University of Salamanca*; Alberto del Rey, *University of Salamanca*
- P2 **The Gendered Economic Determinants of Marriage: Do They Vary by Class?**  
Kim McErlean\*
- P2 **Parental Health and Children's Adult Status Attainments**  
Xing Zhang\*, *Arizona State University*; Anna Hammersmith, *Grand Valley State University*
- P2 **Shared Physical Custody and Children's Residential and School Mobility in Sweden**  
Jani Turunen\*, *Stockholm University*; Johanna Björkstén, *Södertörn University*; Inger Lindblad, *Södertörn University*
- P2 **Maternal and Paternal Grandmothers and Child Health: Exploring Potential Differences in the Effect of Intergenerational Coresidence in Sub-Saharan Africa**  
Chiara Puglisi\*, *European University Institute*
- P2 **Women Living With Their Mothers-in-Law**  
Kristin Bietsch\*, *Avenir Health*; Katherine LaNasa, *Tulane University*
- P2 **Child Care Arrangements and Children's Sleep in Dual-Career Households**  
Cassidy Castiglione\*, *Rice University*; Mackenzie Brewer, *Baylor University*; Rachel Kimbro, *Rice University*



- P2 **Demographic and Family Determinants of Childhood Adversity in a Low-Income Setting: A Case Study in Rural Malawi**  
Etienne Breton\*, *University of Pennsylvania*; Rachel Kidman, *Stony Brook University*; Hans-Peter Kohler, *University of Pennsylvania*
- P2 **Undernutrition Among Mother–Child Dyad: Does Father’s Migration Play a Role?**  
Kirti Gaur; Aravinda Guntupalli\*; Kunal Keshri; Jennie Macdiarmid, *University of Aberdeen, UK*
- P2 **Insights on Dynamic Family Structures Using Administrative and Survey Data**  
Jennifer Bernard, *U.S. Census Bureau*; Katie Genadek\*, *University of Colorado Boulder*
- P2 **Changing Relationship Between Employment Conditions and Transition to Parenthood in Japan, 1985–2015**  
Manting Chen\*, *Southwestern University of Finance and Economics*; Fumiya Uchikoshi, *Princeton University*
- P2 **Women’s Education, Intergenerational Coresidence, and Housework Hours in Urban China**  
Shuyin Liu\*, *UMass Amherst*
- P2 **Adultery Law and Women’s Attitudes Toward Extramarital Affairs and Divorce: Evidence From South Korea**  
Jiwon Lee\*; Yool Choi, *Chung-Ang University*
- P2 **Gender Role Bargaining and Marital Behavior of Cohabiting Couples**  
Daniele Florean\*, *Humboldt University of Berlin*
- P2 **Cognitive Impairment and Partnership Status by Gender, Race/Ethnicity, and Education in the United States, 1998–2016**  
Shubhankar Sharma\*, *University of St Andrews*; Jo Mhairi Hale, *University of St Andrews*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*; Hill Kulu, *University of St Andrews*
- P2 **Long-Term Trends of Educational Assortative Mating and Age Difference Between Partners in Four Different Contexts**  
Alessandra Trimarchi, *Department of Sociology, University of Vienna*; Ignacio Pardo, *Facultad de Ciencias Sociales, Universidad de la República*; Laurent Toulemon\*, *Institut National d’Études Démographiques (INED)*
- P2 **Changes in Paid Leave Uptake and Duration After the Implementation of a Paid Family Leave Program in New York**  
Amanda Speller\*, *Harvard University*; Maria Steenland
- P2 **Do More Egalitarian Men Experience Less Union Dissolution? Reconsidering Men’s Roles in Gender Theories of Family Change**  
Barbara Okun\*, *Hebrew University of Jerusalem*; Liat Raz-Yurovich, *The Hebrew University of Jerusalem*; Matanel Ben-Avi, *Israeli National Road Safety Authority*
- P2 **Dividing the Child: Divorce, Custody, and Gender in Chinese Courts**  
Yifeng Wan\*, *Johns Hopkins University*
- P2 **Parental Relationship Quality, Family Structure History, and the Formation of First Union in the United States**  
Ali Roghani\*, *University of Utah*
- P2 **Labor Distribution in Refugee Households: The Impact of Gender and Health Limitations**  
Kimberly Horner\*; Ryan Allen, *University of Minnesota*; Jung Ho Choi, *University of Minnesota*
- P2 **Adolescent Gender Ideology in India: Does Mothers’ Empowerment Matter?**  
Xu Yan\*; Feinian Chen, *University of Maryland*
- P2 **Cohort Changes and Drivers of Education-Specific Union-Formation Patterns in Sub-Saharan Africa**  
Benson John\*; Natalie Nitsche, *Max Planck Institute for Demographic Research*
- P2 **The Demographic Profile of Italian Grandparents, 1998–2016**  
Elisa Cisotto\*, *Free University of Bozen-Bolzano*; Giulia Cavrini, *Free University of Bozen-Bolzano*; Eleonora Meli, *Italian National Institute of Statistics (ISTAT)*
- P2 **Partnering With Partisans: The Impact of Party Identity on Long-Term Partner Preferences**  
Kara Joyner\*, *University of Texas at San Antonio*; Taylor Orth, *Stanford University*
- P2 **Racial-Ethnic Differences in Step-Grandparent Versus Biological Grandparent Support**  
Corrine Wiborg\*
- P2 **Cultural Foundations of the Second Demographic Transition: The Role of Inherited Values**  
Hande Tugrul\*; Arnstein Aassve, *Bocconi University*
- P2 **The Risk of Documented Prenatal Substance Exposure on Three-Year Child Protective Services Placement Outcomes Among a 2017 California Birth Cohort Reported During Infancy**  
Julia Reddy\*; Lindsey Palmer, *Children’s Data Network*
- P2 **The Emergence of Health Gaps in Early Life in France: Effects of Childhood Deprivation**  
Yuliya Kazakova, *Institut National d’Études Démographiques (INED)*; Lidia Panico\*, *Institut National d’Études Démographiques (INED)*; Marion Leturcq, *Institut National d’Études Démographiques (INED)*
- P2 **How Does Religion Influence Young Adults’ Coresidence With Parents?**  
Lei Lei\*, *Rutgers University*; Frederic Traylor, *Rutgers University*
- P2 **Educational Field and Fertility Decline in Finland, 2010–2019**  
Julia Hellstrand\*, *University of Helsinki*; Jessica Nisen, *University of Turku*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*
- P2 **Genetic Influences on Educational Attainment Across U.S. Birth Cohorts: The Role Of Parental Separation and Death**  
Zachary Van Winkle\*, *University of Oxford*; Tina Baier

- P2 **Does Socioeconomic Inequality in Family Coerce Young Men to Marry Early: A Decomposition Analysis Approach**  
Shekhar Chauhan\*, *International Institute for Population Sciences*
- P2 **Change in Time-Use Patterns and Union Dissolution Due to Involuntary Job Loss: A Comparison by Gender and Migration Background**  
Rishabh Tyagi\*, *Max Planck Institute for Demographic Research (MPIDR)*; Peter Eibich, *Max Planck Institute for Demographic Research*; Vegard Skirbekk, *Norwegian Institute of Public Health*
- P2 **Is It the Economy? Divorce in the United States, 1880–2019**  
Krista Westrick-Payne\*, *Bowling Green State University*; Lisa Carlson, *Bowling Green State University*
- P2 **Contextual Determinants of Fertility Transitions Among Black South African women: A Multilevel Analysis**  
Leonard Ahuejere\*
- P2 **Children’s Family Stability: Can the Cohabitation Disadvantage Diminish as Cohabiting Births Become More Common?**  
Laurie DeRose\*, *The Catholic University of America*; Mark Amos, *University of Portsmouth*; Gloria Huarcaya, *Universidad de Piura*
- P2 **Does Relationship Churning and Complexity Undermine Later Family Religious Practice? Evidence From Add Health**  
Jesse Smith\*, *The Pennsylvania State University*
- P2 **Mothers’ and Fathers’ Levels and Changes in Parental Stress Before and During the COVID-19 Pandemic**  
Mackenzie Grace; Wendy Manning\*, *Bowling Green State University*; Monica Longmore, *Bowling Green State University*; Peggy Giordano, *Bowling Green State University*
- P2 **Impact of Health Shock on Household Well-being: Change in Household Consumption Expenditure During the COVID 19 Pandemic**  
Debasis Barik\*, *National Council of Applied Economic Research*; Santanu Pramanik, *National Council of Applied Economic Research*; Pallavi Choudhuri, *National Council of Applied Economic Research*
- P2 **The Effects of Husbands’ and Wives’ Relative Resources on Subsequent Childbearing: The Case of Taiwan**  
Hao-Chun Cheng\*; Ruoh-rong Yu, *Academia Sinica*
- P2 **Health Insurance and Parental Coverage for Young Adults**  
Laryssa Mykyta, *U.S. Census Bureau*; Jonathan Vespa\*, *US Census Bureau*
- P2 **Determinants of Marriage Registration in India: An Exploratory Study of Rajasthan**  
Nutan Kumari\*
- P2 **Has an Era of Father Absence Gone? The Rise of a Dual-Fatherhood Model and Its Settlement in Stepfamilies**  
Youngjin Chae\*, *Rutgers University*
- P2 **Bring Parents Back in: Matchmaking and Family Formation in China and Japan**  
Manting Chen\*, *Southwestern University of Finance and Economics*; Man Yee Kan, *University of Oxford*
- P2 **Mother’s Marital Status and Child Fostering in Sub-Saharan Africa**  
Cassandra Cotton\*, *Arizona State University*
- P2 **Social Change, Courtship Processes, and Marital Quality in a Non-Western Setting**  
Dirgha Ghimire\*, *University of Michigan*; Keera Allendorf, *Indiana University*
- P2 **Analysis of Societal Pressure and Child Marriage Among Adolescent Girls in Nigeria**  
Bosede Adejugbe\*, *Obafemi Awolowo University, Ile-Ife, Nigeria*
- P2 **Racial/Ethnic Variation in the Relationship Between Educational Assortative Mating and Women’s Labor Market Participation**  
Patrick Denice\*, *University of Western Ontario*; Kate Choi, *University of Western Ontario*
- P2 **Priorities Under Pressure: Balancing Work and Childcare During the COVID-19 Pandemic**  
Melanie Fox\*, *Princeton University*
- P2 **Estimating the Casual Effect of Shared Legal and Physical Custody on Child Outcomes**  
Hunter York\*, *Princeton University*
- P2 **“She Does Not Want to Marry the Man”: Marriage, Childbearing, and Attitudes Toward Abortion**  
Jane Lankes\*, *Penn State*; Tricia Bruce, *University of Notre Dame*
- P2 **Who Brings Home the Bacon? The Rise of Female-Breadwinner Households in the United States**  
Anita Li\*, *University of Wisconsin-Madison*
- P2 **Female Independence and the Risk of Divorce: Evidence From Sweden, 1947–2015**  
Maria Stanfors\*, *Lund University*; Martin Bergvall
- P2 **Child Care Subsidies and the Labor Force Outcomes for Working Married Mothers**  
Benjamin Gurrentz\*, *U.S. Census Bureau*
- P2 **Marital Status and Epigenetic Clocks Among Older Adults in the United States: Evidence From the Health and Retirement Study**  
Yan-Liang Yu\*, *Howard University*
- P2 **Double the Trouble: Stress Reactivity, Marital Satisfaction, and Marital Support in Same-Sex and Different-Sex Couples**  
Hye Won Chai\*, *University of Texas at Austin*; Sara Mernitz, *University of Texas at Austin*; David Almeida, *The Pennsylvania State University*; Debra Umberson, *University of Texas at Austin*
- P2 **Consanguinity and Associated Diseases Among Their Offspring in India**  
Sampurna Kundu\*; Subhojit Shaw; Arup Jana

- P2 **Grandparenting, Gender, and Dementia Risk**  
Seung-won Emily Choi\*, *Texas Tech University*; Zhenmei Zhang, *Michigan State University*; Hui Liu, *Michigan State University*
- P2 **Age Composition of Young Children and Parental Well-being: Evidence From Japan**  
Yuka Minagawa\*, *Sophia University*
- P2 **Variation in Parental Time: Does Parents' Immigration Status Matter?**  
Xinyan Cao\*
- P2 **Female-Headed Households in Egypt: Gendered Dynamics of Household Structure, Economic and Social Support**  
Maia Sieverding\*, *American University of Beirut*; Rasha Hassan, *Cairo University*; zeinab Khadr
- P2 **Half the Women in India Get Married Before 18—Or Not?**  
Sharan Sharma\*, *University of Maryland, College Park*
- P2 **Families, Living Arrangements, and Subjective Well-being: Connected Lives in Transitional China**  
Youqin Huang\*, *State University of New York-Albany*; Yuyao Li, *Central University of Finance and Economics*; William Clark, *University of California - LA, SOCIAL SCIENCES DIVISION*
- P2 **Assortative Mating and the Rising Economic Resemblance of Spouses**  
Yifan Shen\*, *Brown University*
- P2 **Racial-Ethnic Differences in the Division of Care Work, Housework, and Employment Among Black, Hispanic, and White Couples in the United States**  
Léa Pessin, *Pennsylvania State University*; Elena Pojman\*
- P2 **Breastfeeding Promotion Programs as Intensive Parenting Treatments: Impacts on Parenting Style, Child Development, and Maternal Mental Health**  
Jessica Polos\*, *University of Wisconsin–Madison*
- P2 **Union Formation and Dissolution and Health Changes of Sexual Minorities: Does Sex Composition of the Union Matter?**  
Yiwen Wang\*, *University of Texas at Austin*
- P2 **Converging Destinies? Patterns of Educational Attainment Following Divorce and Nonmarital Childbearing in Two U.S. Cohorts**  
mma Romell\*, *University of Wisconsin-Madison*
- P2 **Marriage Trends in South Korea: The Role of Sex Ratios**  
Narae Park\*, *University of Texas at Austin*
- P2 **The Reversal in the Effect of Parental Separation on Daily Childcare Responsibilities in Sweden**  
Helen Eriksson\*, *Stockholm University*; Martin Kolk, *Stockholm University*
- P2 **On Father Custody**  
Emma Liu\*, *Phillips Exeter Academy*
- P2 **Educational Assortative Mating and Motherhood Penalty in China**  
Cheng Cheng\*, *Singapore Management University*; Yang Zhou, *Central University of Finance and Economics*
- P2 **Living Alone in the Philippines: Temporal and Spatial Patterns, 1990–2010**  
Jeofrey Abalos\*, *National University of Singapore*; Wei-Jun Yeung, *National University of Singapore*
- P2 **Impacts of the COVID-19 Pandemic on Subjective Well-being in the Middle East and North Africa: A Gender Analysis**  
Maia Sieverding\*, *American University of Beirut*; Caroline Krafft, *St. Catherine University*; Irene Selwaness, *Cairo University -Egypt*; Alexandra Abi Nassif, *American University of Beirut*
- P2 **Food Prices and Domestic Violence in Urban Peru**  
Chris Boyd Leon\*, *University of Minnesota*
- P2 **Female Rural-to-Urban Migration and the Gender Division of Household Labor in China: Examining the Role of Destination**  
Weiwen Lai\*
- P2 **Divorce in the Family: Transmission of Divorce Across Three Generations, 1904–2015**  
Martin Bergvall\*
- P2 **Relationship Quality Change Among Partnered Older Adults During the COVID-19 Pandemic**  
Jaclyn Wong\*, *University of South Carolina*; Selena Zhong; Hui Liu, *Michigan State University*
- P2 **Characteristics of Caregivers and Work of Caregiving to Elderly in India**  
Tulika Tripathi; neha rai\*
- P2 **Couple's (Dis)agreement on the Intention to Co-habit and Consequences for Relationship Development**  
Richard Preetz\*
- P2 **Gender and the Economic Ramifications of Divorce in the United States: Variations by Race/Ethnicity**  
Kristen Tzoc\*, *Boston University*; Pamela Smock, *University of Michigan*; Deborah Carr, *Boston University*
- P2 **Stuck in the Middle? The Effect of Caring for One's Parents on Grandchild Care Provision**  
Ginevra Floridi\*, *King's College London*; Ludovico Carrino, *King's College London*; Giorgio Di Gessa, *University College London*
- P2 **Leave Usage Following a First Birth Among Men in the United States: Evidence From New Nationally Representative Data**  
Zachary Scherer\*, *U.S. Census Bureau*
- P2 **The Timing and Determinants of Retreat From Marriage in Asia, 1970–2020**  
Fatemeh Torabi\*, *University of Tehran*

## 36 Social and Economic Consequences of Population Aging

CHAIR: **Melissa Hardy**, *Pennsylvania State University*

DISCUSSANT: **Andrew Felelon**, *Pennsylvania State University*

### 11:30 AM-12:45 PM — International 4

- 36-1 **Age, Period, and Cohort Effects on Voter Turnout for the 1976–2020 Presidential Elections**  
Jiwon Lee\*
- 36-2 **Unequal Duties and Unequal Retirement: Decomposing the Female Labor Force Decline in Post-Reform China**  
Kai Feng\*, *University of Pennsylvania*
- 36-3 **Population Aging, Cohort Replacement, and the Evolution of Income Inequality**  
Matthias Schief; Vesa-Matti Heikkuri\*
- 36-4 **Six Ways Population Change Will Affect the Global Economy**  
Andrew Mason\*, *East-West Center*; Ronald Lee, *University of California, Berkeley*

## 37 Place, Environment, and Cognitive Health

CHAIR: **Seung-won Emily Choi**, *Texas Tech University*

DISCUSSANT: **Mark Hayward**, *University of Texas at Austin*

### 11:30 AM-12:45 PM — International 7

- 37-1 **Intergenerational Effects of New Deal Employment Programs on Cognitive Aging**  
Mark Lee\*, *University of Minnesota*; Amal Harrati, *Mathematica*; Sepideh Modrek, *San Francisco State University*; David Rehkopf, *Stanford University*
- 37-2 **The Geography and Contextual Correlates of Assessed Dementia in the United States**  
Meghan Zacher\*, *Brown University*; Samantha Brady; Susan Short, *Brown University*
- 37-3 **Rural–Urban Patterns in Older Adult Cognitive Functioning**  
Elizabeth Lawrence\*, *University of Nevada, Las Vegas*; Samantha John, *University of Nevada, Las Vegas*; Tirth Bhatta, *University of Nevada, Las Vegas*

## 38 Old Wine in New Bottles: Tools for Applied Demographers

CHAIR: **Rhiannon Miller**, *Johns Hopkins University*

DISCUSSANT: **Jennifer Ortman**, *U.S. Census Bureau*

### 11:30 AM-12:45 PM — International 1

- 38-1 **Forecasting Far Into the Future: The Hopi Nation in 2100**  
David Swanson\*, *University of California, Riverside*
- 38-2 **Using Cumulative Sums as a Tool During Error Evaluation**  
Jan Vink\*, *Cornell University*
- 38-3 **Demographic Change and Sea-Level Rise–Driven Migration in the United States**  
Mathew Hauer\*, *Florida State University*; Sunshine Jacobs; Scott Kulp, *Climate Central*
- 38-4 **Functional Data Analysis Approach in Population Studies: An Application on the Gender Gap in Life Expectancy**  
Alessandro Feraldi\*, *University of Rome La Sapienza*

## 39 Stability and Change in Family Contexts of Children and Youth

CHAIR: **Monica Caudillo**, *University of Maryland*

DISCUSSANT: **Lawrence Wu**, *New York University (NYU)*

### 11:30 AM-12:45 PM — International 8

- 39-1 **Parental Separation and Children’s High School Performance: Further Evidence and Heterogeneity From Italy**  
Luca Maria Pesando\*, *Department of Sociology and Centre on Population Dynamics, McGill University*; Manuela Stranges, *University of Calabria*
- 39-2 **Explaining Investments in Children in Cohabiting Families: Social Parents, Relationship Duration, and Economic Resources**  
Orestes Hastings\*, *Colorado State University*
- 39-3 **Cumulative Childhood Risks of Family Destabilization: The Spatial and Racial Dimensions of Parental Imprisonment and Foster Care Removal**  
Anneliese Luck\*, *University of Pennsylvania*
- 39-4 **Cohort Change in the Family Complexity of Adults and Children in the United Kingdom**  
Carla Rowold\*, *Nuffield College*; Zachary Van Winkle, *University of Oxford*



## 40 COVID-19 and Health and Well-being

CHAIR: Allison Stolte, *Duke University*

DISCUSSANT: Megan Todd, *Philadelphia Department of Public Health*

**11:30 AM-12:45 PM — M104**

40-1 **Collateral Consequences of Coronavirus: Exploring Contextual and Situational Predictors of Anti-Asian Hate Incidents in the United States During 2020**

Christopher Seto\*

40-2 **Unequal Loss: Disparities in Social Network Proximity to a COVID-19 Death Among U.S. Older Adults**

Alicia Riley\*, *University of California San Francisco*

40-3 **COVID-19 Employment Shocks and Safety Net Expansions: Health Effects on Displaced Workers**

Daniel Schneider\*, *Harvard University*; Kristen Harknett, *University of California, San Francisco*; Annette Gailliot, *Harvard University*

40-4 **Pandemic Babies: The Effects of Medical Procedure Delays on Infant and Maternal Health**

Xuechao Qian\*, *The Ohio State University*

## 41 Statistical Modeling and Smoothing in Demography

CHAIR: Daphne Liu, *University of Washington*

DISCUSSANT: Patrick Gerland, *United Nations Population Division*

**11:30 AM-12:45 PM — International 9**

41-1 **Estimating the Proportion of Modern Contraceptives Supplied by the Public and Private Sectors Using a Bayesian Hierarchical Penalized Spline Model**

Hannah Comiskey\*, *Maynooth University*; Niamh Cahill; Leontine Alkema, *University of Massachusetts Amherst*

41-2 **Stratified Shared- and Correlated-Frailty Modeling of Regional Differences in Transition to Parenthood in Ethiopia**

Gebrengus Ghilagaber\*, *Stockholm University*; Amanda Akinyi Lagehäll, *Stockholm University*; Elelta Yemane, *Stockholm University*

41-3 **The Time-Varying Effect of Causes of Death on Human Longevity: An Application of Functional Regression With Compositional Covariates**

Emanuele Depaoli\*; Marco Stefanucci; Stefano Mazzucco, *Università di Padova*

41-4 **Application of a Singular Value Decomposition-Based Factorization and Parsimonious-Component Model of Mortality to HIV Epidemics in Africa**

Brian Houle, *The Australian National University*; Jonathan Muir, *Emory University*; Sara Hertog, *United Nations*; Francois Pelletier, *United Nations*; Samuel Clark\*, *The Ohio State University*; Patrick Gerland, *United Nations Population Division*

## 42 Gender Segregation in Education and Occupations

CHAIR: Iga Magda, *Warsaw School of Economics*

DISCUSSANT: Patrick Denice, *University of Western Ontario*

**11:30 AM-12:45 PM — International 10**

42-1 **Decomposing Occupational Sex Segregation Among College Graduates: Impact of Field of Study and Gender**

Haowen Zheng\*, *Cornell University*; Kim Weeden, *Cornell University*

42-2 **Do the Math! High School Math Requirement and Gender Wage and Location Gap**

Xi Yang\*, *University of North Texas*

42-3 **Gender Gap in Education-Occupation Mismatch Among Highly Educated Workers**

Yao Lu\*, *Columbia University*; Xiaoguang Li, *Xi'an Jiaotong University*

42-4 **What Happens in Women's Legal Careers?**

Carolyn Waldrep\*

## 43 Intergenerational Transmission of Socioeconomic Status

CHAIR: Xi Song, *University of Pennsylvania*

DISCUSSANT: Florencia Torche, *Stanford University*

**11:30 AM-12:45 PM — M103**

43-1 **The Influence of Family Income on College Completion: Discovering the Nonlinear and Heterogeneous Effects of a Continuous Treatment**

Ian Lundberg\*, *University of California, Los Angeles*; Jennie Brand, *University of California, Los Angeles*

43-2 **The Intergenerational Transmission of Poverty and Public Assistance: Evidence From the Earned Income Tax Credit**

Nicardo McInnis\*, *California State University, Northridge*; Katherine Michelmore; Natasha Pilkauskas, *University of Michigan*

43-3 **Intergenerational Educational Mobility in 31 Countries**

Meir Yaish\*, *University of Haifa*; Youngshin Lim, *Seoul National University*; Hyunjoon Park, *University of Pennsylvania*

43-4 **Parenting in a "Universal Concerted Cultivation" Society: Class and Childrearing in South Korea**

HaJoon Chung\*; James M Raymo, *Princeton University*

## 44 Families and Economic Inequality

CHAIR: Zachary Parolin, Bocconi University

DISCUSSANT: Christine Percheski, Northwestern University

**11:30 AM-12:45 PM — International 2**

- 44-1 **The COVID Cash Transfer Study: The Impacts of an Unconditional Cash Transfers on the Well-being of Low-Income Families**  
Natasha Pilkauskas\*, University of Michigan; Luke Shaefer, University of Michigan; Brian Jacob, University of Michigan; Elizabeth Rhodes, Open Research Lab; Katherine Richard, University of Michigan
- 44-2 **Household Wealth Among Nonresidential Parents of U.S. Children**  
Jake Hays\*, University of Michigan; Paula Fomby, University of Michigan
- 44-3 **The Mediating Role of Intergenerational Stratification in the Long Arm of Childhood**  
David Brady\*, University of California, Riverside; Manjing Gao; Christian Guerra, University of California, Riverside; Bruce Link, University of California, Riverside; Ulrich Kohler, University of Potsdam
- 44-4 **Automation, the Skill Content of Work, and Fertility in Germany**  
Honorata Bogusz\*, University of Warsaw; Anna Matysiak, University of Warsaw; Michaela Kreyenfeld, Hertie School of Governance GmbH

## 45 Union Dissolution

CHAIR: David Ribar, Georgia State University

DISCUSSANT: Pamela Smock, University of Michigan

DISCUSSANT: Patrick Ishizuka, Washington University in St. Louis

**11:30 AM-12:45 PM — M102**

- 45-1 **The Divorce Decline and Relationship Stability, 1970–2019**  
Christine Schwartz\*, University of Wisconsin-Madison; Anita Li, University of Wisconsin-Madison
- 45-2 **The Intergenerational Transmission of Family Dissolution and How It Varies by Social Class Origin and Birth Cohort**  
Alessandro Di Nallo\*, Université de Lausanne; Daniel Oesch, Université de Lausanne
- 45-3 **Young Adult Relationship Churning and Subsequent Marital and Cohabitation Instability**  
Eric Severeid\*, Bowling Green State University; Wendy Manning, Bowling Green State University; Peggy Giordano, Bowling Green State University; Monica Longmore, Bowling Green State University
- 45-4 **The Dynamic Role of Nonmonogamy, Conflict, Violence, and Power in Intimate Relationship Churning During the Transition to Adulthood**  
Jennifer Barber\*, Indiana University; Yasamin Kusunoki, University of Michigan

## 46 Adolescent Fertility and Reproductive Health

CHAIR: Yohannes Wado, African Population and Health Research Center

DISCUSSANT: Emily Marshall, Franklin and Marshall College

**11:30 AM-12:45 PM — M109**

- 46-1 **Disparities in Latina and White Adolescent Births in the United States: The Role of Nativity**  
Blair Darney\*, Oregon Health & Science University; Emily Boniface, Oregon Health & Science University; Evelyn Fuentes-Rivera; Laura Jacobson, OHSU-PSU School of Public Health; Kate Coleman-Minahan, University of Colorado; Biani Saavedra, Center for Research and Teaching in Economics (CIDE); Fernando Riosmena, University of Colorado Boulder
- 46-2 **Exposure to Nearby Homicides and Young Women's Reproductive Lives During the Transition to Adulthood**  
Abigail Weitzman\*, University of Texas at Austin; Jennifer Barber, Indiana University; Justin Heinze, University of Michigan; Yasamin Kusunoki, University of Michigan; Marc Zimmerman, University of Michigan
- 46-3 **Early Cognitive Skills and Fertility Desire and Knowledge Among Adolescents in Ethiopia: Evidence From Young Lives**  
Fatima Zahra\*, University of Pennsylvania; Erica Soler-Hampejsek, Independent Consultant; Nicole Haberland, Population Council
- 46-4 **What's Driving Adolescent Marriage Decline in Southcentral Uganda? Understanding the Role of Teenage Pregnancies and Social Determinants**  
Esther Spindler\*, Columbia University's Mailman School of Public Health; Man Luo, University of California San Diego (UCSD); Fred Nalugoda, Rakai Health Sciences Program (RHSP); Susie Hoffman, HIV Center for Clinical and Behavioral Studies, New York State Psychiatric Institute and Columbia University; Ivy Chen, Columbia University's Mailman School of Public Health; Erin Moore, Ohio State University (OSU); Tom Lutalo, Rakai Health Sciences Program (RHSP); Joseph Kagaayi, Rakai Health Sciences Program (RHSP); Ying Wei, Columbia University's Mailman School of Public Health; John Santelli, Columbia University's Mailman School of Public Health

## 47 Gender Norms and Attitudes

CHAIR: Nancy Luke, Pennsylvania State University

DISCUSSANT: Joeun Kim, KDI School of Public Policy and Management

**11:30 AM-12:45 PM — M106**

- 47-1 **Changing Gender Status Beliefs in the U.S. Population: Implications for Gender Inequality**  
Claudia Buchmann\*, The Ohio State University; David Melamed, The Ohio State University

47-2 **Patriarchal Norms, Women's Empowerment, and Demand Satisfied for Family Planning in India**  
Ivan Mejia\*, *Stanford University*; Beniamino Cislighi; Gary Darmstadt, *Stanford University*

47-3 **A Matter of (In)congruence: Attitudes Toward Women's Childlessness and Their Relation to Occupational Sex Segregation**  
Valeria Insarauto, *University of Lausanne*; Danilo Bolano\*, *University of Lausanne*

47-4 **Why Are People in Some Countries More Likely to Perceive Children as a Burden? A Novel Explanation Based on Societal Gender-Role Norms**  
Sinn Won Han\*, *Harvard University*

## 48 Flash: Trends in Adult Health and Health Behaviors

CHAIR: Rebecca Schut, *University of Pennsylvania*

**11:30 AM-1:00 PM — International 6**

48-1 **Racial/Ethnic and Gender Differences in Smoking in Middle Adulthood**  
Juhee Woo\*, *University of Nevada, Las Vegas*; Stefanie Mollborn, *University of Colorado Boulder*

48-2 **Childhood Health and Socioeconomic Conditions and Insomnia Among Older Adults**  
Connor Sheehan\*, *Arizona State University*; Phillip Cantu, *University of Texas Medical Branch*; Danielle Powell, *John Hopkins University*; Sydney Tran, *Arizona State University*

48-3 **Optimism as a Buffer Against Disability-Related Distress: Do Protective Effects Vary Over the Life Course?**  
Deborah Carr\*, *Boston University*; Shinae Choi, *University of Alabama*; Eun Ha Namkung, *Brandeis University*

48-4 **C-Sections, Obesity, and Health Care Specialization: Evidence From Mexico**  
Catalina Herrera Almanza\*, *Illinois University, Urbana-Champaign*; Fernanda Marquez-Padilla; Silvia Prina, *Northeastern University*

48-5 **A Lack of Food for Thought: Midlife Food Insecurity and Cognitive Function Among Older Americans**  
Dongmei Zuo\*, *Syracuse University*

48-6 **Distrust in Public Health Institutions, Trust in Trump, and Trends in COVID-19 Vaccine Hesitancy and Refusal in the United States**  
Yongjin Choi\*; Ashley Fox, *University at Albany, SUNY*

48-7 **Pain Limits Older Adults' Expectations of Their Life Expectancy**  
Gillian Fennell\*, *University of Southern California*; Margarita Osuna, *University of Southern California*; Erica Sluys, *Weill Cornell Medical College*; Jennifer Ailshire, *University of Southern California*

48-8 **How and Why Is Pain Increasing in the United States?**  
Teresa Eun\*

## 49 Social Relationships and Health Disparities

CHAIR: Emily Parker, *University of Michigan*

DISCUSSANT: Jessica West, *Duke University*

**11:30 AM-12:45 PM — M304**

49-1 **Intergenerational Social Mobility and Mortality: Evidence From U.S.-Linked Census-Mortality Data. 1900–2005**  
Alexander Adames\*, *University of Pennsylvania*; Jingying He; Xi Song, *University of Pennsylvania*; Irma Elo, *University of Pennsylvania*

49-2 **Cohesion for All? Adolescent Social Network Cohesion and Depressive Symptoms by Race-Ethnicity and Gender**  
Molly Copeland\*, *Michigan State University*; Christina Kamis, *University of Wisconsin-Madison*

49-3 **Does the Marital Survival Advantage Exist Across Race and Gender Groups? The United States, 1992–2018**  
Sven Wilson\*, *Brigham Young University*

49-4 **Exploring the Link Between Place's Income Mobility and Mortality Using an Agent-Based Model**  
Sebastian Daza\*, *University of Wisconsin Madison*

## 50 Immigrant Adaptation, Incorporation, and Stratification

CHAIR: Leafia Ye, *University of Wisconsin-Madison*

DISCUSSANT: Amy Hsin, *Queens College, City University of New York*

**11:30 AM-12:45 PM — M105**

50-1 **Reemerging Inequality: Narrow Economic Gaps Between Immigrant and Nonimmigrant Offspring Widen Over the Life Course**  
Nino Crico\*

50-2 **Intergenerational Social Mobility of Asian Americans Under the Shadow of the Asian Exclusion, 1882–1943**  
Ziyao Tian\*, *Princeton University*; Xi Song, *University of Pennsylvania*; Yu Xie, *Princeton University*

50-3 **Does the Perceived Value of STEM Immigrants Translate to Success in the U.S. Labor Market?**  
Cheyenne Lonobile\*

50-4 **What's Driving Inequalities in Pay Across Immigrant Generations? Evidence on Within-Job Wage Gaps and Occupational-Workplace Sorting in the Norwegian Labor Market**  
JooHee Han, *University of Oslo*; Are Skeie Hermansen\*, *University of Oslo*

## 51 Child Health: Spillover and Spatial Effects

*CHAIR: Emily Smith-Greenaway, University of Southern California*

*DISCUSSANT: Audrey Dorélien, University of Minnesota*

**11:30 AM-12:45 PM — M101**

### 51-1 Connections Between Birth Order, Birth Spacing, and Child Maltreatment: Population-Level Estimates

Anna Rybinska\*, *Population Association of America*; Yu Bai, *Duke University*; W. Benjamin Goodman, *Duke University*; Kenneth A. Dodge, *Duke University*

### 51-2 The Timing of Sibling Mortality in the Widespread Antiretroviral Treatment Era: Comparative Evidence From Population-Based Surveillance in Rural South Africa, 2000–2015

Brian Houle, *The Australian National University*; Jonathan Muir\*, *Emory University*; Chodziwadziwa Kabudula, *University of the Witwatersrand*; Samuel Clark, *The Ohio State University*

### 51-3 Extension of Seasonal Malaria Chemoprevention to Children Over Age 5: A Quasi-Experimental Evaluation of Effectiveness and Externality Effects

Yaya Togo, *University of Sciences, Techniques and Technologies of Bamako (USTTB), Mali*; Mark McGovern\*, *Rutgers, The State University of New Jersey*

### 51-4 Impact of Child Undernutrition on Child Mortality: A Geospatial Analysis

Apoorva Nambiar\*, *IITB- Monash Research Academy*; Abhishek More; Satish B Agnihotri, *IIT Bombay*; Ayushi Jain, *IIT Bombay*; Ashish Singh, *Indian Institute of Technology Bombay, India*; Arunachalam Dharmalingam, *Monash University*

## 52 Flash: Demography of Extreme Events

*CHAIR: Maryia Bakhtsiyarava, University of Minnesota*

**11:30 AM-1:00 PM — International 5**

### 52-1 How Will We Move: Modeling Climate-Driven Age-Specific Displacement Migration

Mathew Hauer, *Florida State University*; Sunshine Jacobs\*

### 52-2 Long-Term Disaster Effects on Housing Markets and Neighborhood Inequality

Amy Read\*, *Princeton University*

### 52-3 The Impact of the L'Aquila Earthquake on Demographic Changes

Sara Miccoli\*, *Sapienza University of Rome*; Cecilia Reynaud, *Roma Tre University*; Elena Ambrosetti, *University La Sapienza*; Francesca Licari, *Italian National Institute of Statistics*

### 52-4 The Demographic Drivers of Grief and Memory After Genocide in Guatemala

Diego Alburez-Gutierrez\*, *Max Planck Institute for Demographic Research*

### 52-5 Investigating the Combined Impacts of Drought, Conflict, and COVID-19 on Household Dynamics: A Longitudinal Analysis of Female Decision-making Power in Burkina Faso

Maya Luetke\*, *University of Minnesota*; Kathryn Grace, *University of Minnesota, Twin Cities*; Matt Gunther, *University of Minnesota*

### 52-6 Extreme Natural Events Experienced in Households and Their Correlates With Anthropometric Failure Among Under-5 Children in India: Findings From the Comprehensive National Nutrition Survey, 2016-2018

Sutapa Agrawal; Aravinda Guntupalli\*; Kunal Keshri, *G. B. Pant Social Science Institute*; SANDHYA MAHAPATRO

## 53 Health and Mortality Statistics in the United States: Challenges and Plans

*CHAIR: Narayan Sastry, University of Michigan*

**11:30 AM-12:45 PM — International 3**

### 53-1 Data Developments and Modernization at the NCHS

Brian Moyer\*, *NNational Center for Health Statistics*

### 53-2 NIA Update on Data Development for Demographic Research on Aging

John Phillips\*, *National Institute on Aging*

### 53-3 OASIS for Monitoring State and Local Health at the Georgia Department of Public Health

Margaret Levenstein\*, *University of Michigan*

### 53-4 Data Advancements through the Social, Behavioral, and Economic Research on COVID-19 Consortium

Gordon Freymann\*, *Georgia Department of Public Health*



## Career Mentoring Lunch (must pre-register)

12:00 PM-1:30 PM — M301

### 54 Paid Work and Care Work: Tradeoffs and Penalties

CHAIR: Joan Kahn, University of Maryland, College Park

DISCUSSANT: Pilar Gonalons Pons, University of Pennsylvania

DISCUSSANT: Jane Waldfogel, Columbia University

2:00 PM-3:15 PM — International 4

#### 54-1 Variations in the Parental Caregiver Penalty by Cohort and Occupational Context

Samantha Brady\*

#### 54-2 Productive Activities and Effects on Chinese Older Women's Health: Types, Intensities, and Moderators

Xinyi Chen\*; Wei-Jun Yeung, National University of Singapore

#### 54-3 Paid Family Leave and Work: Eldercare Tradeoffs

Kanika Arora\*, University of Iowa; Douglas Wolf, Syracuse University

#### 54-4 Child Care Policy Implications for Women's Lifetime Earnings and Retirement Savings

Robert Paul Hartley\*; Ajay Chaudry, Johns Hopkins University

### 55 Work, Wealth, and Child Well-being

CHAIR: Marcia Carlson, University of Wisconsin–Madison

DISCUSSANT: Nicholas Mark, New York University

DISCUSSANT: Omkar Joshi, University of Maryland

2:00 PM-3:15 PM — International 8

#### 55-1 Child Custody Laws and Partners' Cooperation: An Analysis of Married and Unmarried Mothers During the Time of COVID

Crystal Wong; Cynthia Bansak\*

#### 55-2 Welfare-to-Work and Adolescent's Socioemotional Development: The Impact of the Lone Parent Obligation Reform in the United Kingdom

Liming Li\*; Mauricio Avendano, King's College London / Harvard University

#### 55-3 The Impact of Return Migration on School-Work Tradeoff and Labor Outcomes of Adolescents

Avinandan Chakraborty\*

#### 55-4 Household Wealth Inequality by Children's Family Structure, 1984–2019

Jake Hays\*, University of Michigan

### 56 COVID-19 and Mental Health

CHAIR: Chioun Lee, University of California-Riverside

DISCUSSANT: Sung Park, Harvard University

2:00 PM-3:15 PM — M104

#### 56-1 Experiences of COVID-19 Policy Measures and Mental Health in Uganda: Cross-Sectional Evidence From a Mobile Phone–Based Population Survey

Emma Clarke-Deelder\*, Harvard School of Public Health; Slawa Rokicki, Rutgers School of Public Health; Mark McGovern, Rutgers, The State University of New Jersey; Catherine Birabwa, Makerere University School of Public Health; Jessica Cohen, Harvard School of Public Health; Peter Waiswa, Makerere University School of Public Health; Catherine Abbo, Makerere University College of Health Sciences

#### 56-2 Aging, Depression, and the First Wave of the COVID-19 Outbreak in Europe

Omar Paccagnella\*; Benedetta Pongiglione, Bocconi University

#### 56-3 Loneliness Before and During the COVID-19 Pandemic: Are Unpartnered and Childless Older Adults at Higher Risk?

Bruno Arpino, University of Florence; Christine Mair\*, University of Maryland, Baltimore County; Nekehia Quashie, TU Dortmund University; Radoslaw Antczak, SGH Warsaw School of Economics

#### 56-4 Couple Relationship Functioning and Mental Health During the COVID-19 Pandemic: Evidence From the National Couples' Health and Time Study

Claire Kamp Dush\*, University of Minnesota; Chalandra Bryant, University of Minnesota-Twin Cities; TeKisha Rice, Virginia Polytechnic Institute and State University; Wendy Manning, Bowling Green State University; Miranda Berrigan, The Ohio State University

### 57 Computational Demography, Machine Learning, and Algorithmic Bias

CHAIR: Zack Almquist, University of Washington

DISCUSSANT: Courtney Allen, The DHS Program, ICF

2:00 PM-3:15 PM — International 9

#### 57-1 Stop, in the Name of COVID!

Jordan Klein\*; Ingmar Weber, Qatar Computing Research Institute; Emilio Zagheni, Max Planck Institute for Demographic Research

#### 57-2 New Approaches to Collecting Data From a Respondent-Driven Sample

Casey Breen\*, University of California, Berkeley; Dennis Feehan, University of California, Berkeley

57-3 **FPSim: An Agent-Based Model of Family Planning for Informed Policy Decision-making**  
Michelle O'Brien\*, *Bill and Melinda Gates Foundation*; Annie Valente, *Bill and Melinda Gates Foundation*; Guillaume Chabot-Couture, *Bill and Melinda Gates Foundation*; Joshua Proctor, *Bill and Melinda Gates Foundation*; Daniel Klein, *Bill and Melinda Gates Foundation*; Cliff Kerr, *Bill and Melinda Gates Foundation*; Marita Zimmermann, *Bill and Melinda Gates Foundation*

57-4 **Linking Electronic Health Records to the American Community Survey: A Process Perspective**  
Barbara Entwisle\*, *University of North Carolina at Chapel Hill*; Victoria Udalova, *U.S. Census Bureau*; Lucinda Dalzell, *U.S. Census Bureau*; Joana Motro, *U.S. Census Bureau*; Timothy Carey, *University of North Carolina at Chapel Hill*; Paul Chelminski, *University of North Carolina at Chapel Hill*

## 58 **Flash: Data Collection in Difficult Times: COVID-19 and Other Challenges**

CHAIR: Jason Fields, *U.S. Census Bureau*

### 2:00 PM-3:30 PM — International 6

58-1 **When the Students Don't Get Counted: College Town 2020 Census**  
Jamiko Deleveaux\*, *Mississippi State University*

58-2 **MyTimeUse: An Online Implementation of the Day-Reconstruction Method**  
Robert Rinderknecht\*, *Max Planck Institute for Demographic Research*; Long Doan; Liana Sayer, *University of Maryland*

58-3 **Tiered Access to Research Data for Secondary Analysis**  
John Marcotte\*, *University of Michigan*; Sarah Rush, *Data Sharing for Demographic Research (DSDR)*; Kelly Ogden-Schuette, *Data Sharing for Demographic Research/ICPSR*

58-4 **Distributed Clouding Telephone Survey During COVID-19**  
Miao Li\*, *Clemson University*; Weidong Wang, *renmin university of china*

58-5 **Validating Facebook Tagging to Examine the Impacts of COVID-19 Pandemic on a South-South Migration Setting**  
Victoria Prieto Rosas\*, *Universidad de la República*; Julieta Bengochea; Camila Montiel, *Universidad de la República*; Gabriel Barasch, *Neuronal*

58-6 **To Answer or Not to Answer: What Determines Telephone Survey Response Rates in the Times of Lockdown?**  
Neerad Deshmukh\*, *National Council of Applied Economic Research*; Manjitha Banerji, *National Council of Applied Economic Research*

58-7 **A Multifactor Model of the Accuracy of the 2020 Census**  
Steven Martin\*, *Urban Institute*; Diana Elliott, *Urban Institute*

58-8 **The DEPP Survey: Challenges in Piloting an In-Person Longitudinal Household Survey in Remote Post-Disaster Areas**  
Nikhil Kotheagal\*, *University of North Carolina at Chapel Hill*; Rene Iwo, *University of North Carolina at Chapel Hill*; Anna Gardner; Nathan Dollar, *University of North Carolina at Chapel Hill*; Bethany Stoutamire, *University of North Carolina, Chapel Hill*; Elizabeth Frankenberg, *University of North Carolina at Chapel Hill*

## 59 **Gender, Work, and Family in Low- and Middle-Income Countries**

CHAIR: Caroline Krafft, *St. Catherine University*

DISCUSSANT: Amit Anshumali, *University of Chicago*

### 2:00 PM-3:15 PM — International 10

59-1 **A Gender Story of Social Disengagement of Young Adults in Latin America**  
Chia Liu\*, *University of St. Andrews*; Andres Castro, *Max Planck Institute for Demographic Research*; Ewa Batyra, *Center for Demographic Studies*

59-2 **Transporting Gender Empowerment? Role of Transport in Women's Work Participation in Indian Cities**  
Arun Balachandran\*

59-3 **From Subsidies to Cash Transfers: The Child Care Burden and Labor Market Behavior of Couples in Mexico**  
Saleha Waqar\*, *University of Maryland-College Park*

59-4 **Reproductive Burden and Its Impact on Female Labor Market Outcomes in India: Evidence From Longitudinal Analyses**  
Chhavi Tiwari\*, *Indian Institute of Management Ranchi*; Srinivas Goli, *University of Western Australia*; Anu Rammohan, *University of Western Australia*

## 60 **Family, Neighborhood, and Inter-generational Mobility**

CHAIR: Peter Catron, *University of Washington*

DISCUSSANT: Christine Schwartz, *University of Wisconsin-Madison*

DISCUSSANT: Siwei Cheng, *New York University*

### 2:00 PM-3:15 PM — M103

60-1 **The Echo of Neighborhood Disadvantage: Multi-generational Exposure to Community Hardship in Childhood and Economic Well-being in Adulthood**  
Steven Alvarado, *University of Notre Dame*; Alexandra Cooperstock\*, *Cornell University*

- 60-2 **Poverty Timing, Cumulative Disadvantage, and the Persistence of Intergenerational Inequality**  
Davis Daumler\*, *University of Michigan*
- 60-3 **Friendship Network Formation in Chinese Middle Schools: Patterns of Inequality and Homophily**  
Weihua An\*, *Emory University*
- 60-4 **Intergenerational Income Mobility in the United States: A Spatial Account**  
Masoud Movahed\*; Tiffany Neman, *University of Wisconsin-Madison*

## 61 Families, the Law, and Public Policy

CHAIR: Benoit Laplante, *Institut national de la recherche scientifique*

DISCUSSANT: Benoit Laplante, *Institut national de la recherche scientifique*

### 3:15 PM — International 2

- 61-1 **A Brief Foray Into Law and Demography: Grandparents' Rights, Dependency Ratios, and Crude Death Rates**  
Hanock Spitzer\*, *University of Chicago*
- 61-2 **Property Division Law and Investment in Household Public Goods: Evidence in China**  
Xi Yang\*, *University of North Texas*; Emma Zang, *Yale University*; Zitong Wang, *Chinese University of Hong Kong*
- 61-3 **An Equal Right to Inherit? Failure of an Inheritance Law Amendment in South Korea for Gender Equality in Intergenerational Transfers**  
Dahye Kim\*, *National University of Singapore*
- 61-4 **Survivors Benefits and Conjugal Behavior: Evidence From the Netherlands**  
Julie Treguier\*, *Institut National d'Études Démographiques (INED)*; Julie Treguier, *Institut National d'Études Démographiques (INED)*

## 62 Families and Time Use

CHAIR: Jocelyn Wikle, *Brigham Young University*

DISCUSSANT: Daniel Carlson, *University of Utah*

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

### 2:00 PM-3:15 PM — M102

- 62-1 **Beyond Intensive Mothering: Racial/Ethnic Variation in Maternal Time With Children**  
Kei Nomaguchi\*, *Bowling Green State University*; Melissa Milkie, *University of Toronto*; Amira Allen, *Bowling Green State University*; Veena Kulkarni, *Arkansas State University*
- 62-2 **Subjective Well-being During Time Spent Alone, With Family, and With Nonfamily**  
Kelsey Drotning\*, *University of Maryland, College Park*; Sarah Flood, *University of Minnesota*; Liana Sayer, *University of Maryland*

- 62-3 **The Division of Labor in Same and Different-Gender Couples During the COVID-19 Pandemic**  
Hyunjae Kwon\*, *University of Minnesota-Twin Cities*; Claire Kamp Dush, *University of Minnesota*; Miranda Berrigan, *The Ohio State University*; Ann Meier, *University of Minnesota*; Wendy Manning, *Bowling Green State University*
- 62-4 **Multigenerational Coresidence and Parental Time Investment in China**  
Cheng Cheng\*, *Singapore Management University*; Menghan Zhao, *Renmin University of China*

## 63 Critical Approaches to Fertility and Family Planning Indicators

CHAIR: Elisabeth Root, *The Ohio State University*

DISCUSSANT: Maria Vignau Loria, *University of Washington*

### 2:00 PM-3:15 PM — International 7

- 63-1 **New Measures for Family Planning and Exposure to Risk of Pregnancy Based on Sexual Activity and Contraceptive Use Data**  
Chi Hyun Lee\*; Herbert Susmann, *University of Massachusetts Amherst*; Leontine Alkema, *University of Massachusetts Amherst*
- 63-2 **Assessing the Suitability of Unmet Need as a Proxy for Access to Contraception and Desire to Use It**  
Leigh Senderowicz\*, *University of Wisconsin-Madison*; Brooke Bullington; Ana Langer, *Harvard T.H. Chan School of Public Health*; Abdramane Soura, *Université Joseph Ki-ZERBO*; Nathalie Sawadogo, *Université Joseph Ki-ZERBO*; Pascal Zabre, *Centre de Recherche en Santé de Nouna*; Ali Sie, *Centre de Recherche en Santé de Nouna*
- 63-3 **Nomenclature Nonsense? A Qualitative Exploration of Contraceptive Definition and Classification by Respondents in Four African Countries**  
Nurudeen Alhassan\*, *African Institute for Development Policy (AFIDEP)*; Maame Peterson, *African Institute for Development Policy (AFIDEP)*; Naa Dodua Dodoo, *University of Ghana*; John Atwebembeire, *Makerere University*; Francis Dodoo, *Pennsylvania State University*; Eliya Zulu, *African Institute for Development Policy (AFIDEP)*; Nyovani Madise, *African Institute for Development Policy (AFIDEP)*
- 63-4 **Happiness About a Potential Pregnancy Affects Contraceptive Behavior, Especially in Women With Unknown Fertility Intentions: Evidence From PMA Burkina Faso**  
Linnea Zimmerman\*, *Johns Hopkins Bloomberg School of Public Health*; Celia Karp, *Johns Hopkins Bloomberg School of Public Health*; Sophia Magalona; Elizabeth Gummerson; Georges Guiella, *University of Montreal*; Caroline Moreau, *INSERM/INED and Johns Hopkins School of Public Health*

## 64 Flash: Innovative Methods in Demographic Research on Gender, Family, and Sexual Minorities

CHAIR: Hui Liu, Michigan State University

2:00 PM-3:30 PM — International 5

- 64-1 **Coding Open-Ended Responses to Survey Questions on Sexual Orientation**  
Matthew Virgile\*, Jessica Holzberg, U. S. Census Bureau; Renee Ellis, U. S. Census Bureau; Shelley Feuer, U. S. Census Bureau
- 64-2 **Who Gets Married, and Who Breaks Up? Tracking Relationship Transitions After the Introduction of Legal Same-Sex Marriage in the United States Using Linked Survey and Administrative Data**  
Brian Knop\*, U.S. Census Bureau; Marta Murray-Close, U.S. Census Bureau
- 64-3 **ENRICH Marital Satisfaction Scale: Factor Structure and Reliability Study in Rural Population of Uttar Pradesh, India**  
Shekhar Chauhan\*, International Institute for Population Sciences; TV Sekher, International Institute for Population Sciences (IIPS)
- 64-4 **Gendered Challenges in Computer Science, Engineering, and Math: Technical or Interpersonal Blockades?**  
Jisu Park\*; Sarah Damaske, Pennsylvania State University; Susan McHale, Pennsylvania State University; Joshua Rosenberger, Pennsylvania State University; Junjun Yin, Pennsylvania State University
- 64-5 **Structural Stigma Toward Sexual Minorities and HIV Rates: A Google Searches Approach**  
Allen Mallory\*, University of Texas Austin; Prachi Shah, University of Texas at Austin
- 64-6 **Health Disparities by Sexual Orientation Component in the United States**  
Julia Wolf\*, West Virginia University
- 64-7 **Gender Differences in Work Disability Reporting**  
Na Yin\*, CUNY Institute for Demographic Research
- 64-8 **Demographic Surveys and the Burden of Women's Time: Historical Patterns, Considerations for the Future**  
Kerry MacQuarrie\*, The DHS Program (Avenir Health); Win Brown, Bill and Melinda Gates Foundation; Claire Rothschild, PSI

## 65 Social Institutions and Population Health

CHAIR: Debasis Barik, National Council of Applied Economic Research

DISCUSSANT: Pallavi Choudhuri, National Council of Applied Economic Research

2:00 PM-3:15 PM — M304

- 65-1 **Do Trade Unions Reduce Health Inequalities Between Labor Market Insiders and Outsiders?**  
Laura Sochas\*, University of Oxford; Aaron Reeves, University of Oxford
- 65-2 **Identifying Risk Factors in Explaining Women's Anemia in Two Bengals: Evidence From West Bengal of India and Bangladesh**  
Arup Jana\*; Aparajita Chattopadhyay, International Institute for Population Sciences; Unnati Saha, Erasmus MC, University Medical Centre Rotterdam, Rotterdam, the Netherlands.
- 65-3 **Exploring the Veteran–Civilian Health Crossover**  
Mary Roberts\*, Pennsylvania State University
- 65-4 **Explaining the Diminishing of Muslim Advantage in Child Survival in India**  
Dibyasree Ganguly\*, Jawaharlal Nehru University; Srinivas Goli, University of Western Australia; Anu Rammohan, University of Western Australia

## 66 Indirect Effects of Surveillance on Immigrant Adaptation

CHAIR: Susan K. Brown, University of California, Irvine

DISCUSSANT: Juan Pedroza, University of California, Santa Cruz

2:00 PM-3:15 PM — M105

- 66-1 **Immigrant Integration in an Era of Exclusion: State Policy Restrictiveness and Immigrants' Engagement in Formal and Informal Institutions**  
Molly Dondero\*, American University; Claire Altman, University of Missouri, Columbia
- 66-2 **Organizational Mismatch and the Case of Hiring College-Educated Latino Immigrants**  
Nicole Kreisberg\*, Harvard University
- 66-3 **Strangers in the Homeland? The Academic Performance of Children of Return Migrants in Mexico**  
Nathan Hoffmann\*, University of California, Los Angeles
- 66-4 **The Quantum and Tempo of Fertility at the Height and End of the Great Mexican Emigration Era**  
Fernando Riosmena\*, University of Colorado Boulder; Kim-Phuong Truong-Vu; Biani Saavedra, Center for Research and Teaching in Economics (CIDE); Evelyn Fuentes-Rivera, El Colegio de Mexico; Kate Coleman-Minahan, University of Colorado Anschutz Medical Campus; Emily Boniface, Oregon Health & Science University; Blair Darney, Oregon Health & Science University



## 67 Maternal Morbidity and Mortality

CHAIR: *Patience Afulani, University of California, San Francisco*

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

**2:00 PM-3:15 PM — M101**

- 67-1 **Pregnancy-Associated Deaths Due to Drugs, Suicide, and Homicide in the United States, 2010–2019**  
*Claire Margerison, Michigan State University; Meaghan Roberts, Michigan State University; Alison Gemmill\*, Johns Hopkins Bloomberg School of Public Health; Sidra Goldman-Mellor, University of California, Merced*
- 67-2 **Uncertainty About Maternal Mortality in India: New, Higher Estimates From the National Family Health Survey**  
*Nathan Franz, University of Texas at Austin; Aashish Gupta, Population Studies Center, University of Pennsylvania; Dean Spears, University of Texas at Austin; Diane Coffey\*, Population Research Center*
- 67-3 **The Impact of Legal Abortion on Maternal Health: Looking to the Past to Inform the Present**  
*Sherajum Farin\*, Lauren Hoehn-Velasco, Georgia State University; Michael Pesko, Georgia State University*
- 67-4 **The Long Arm of Pregnancy: Maternal Health and Health Later in Life**  
*Ailish Burns\*, Brown University*

## 68 Interracial Relationships, Multiracial Populations, and Racial Fluidity

CHAIR: *Zhenchao Qian, Brown University*

DISCUSSANT: *Kate Choi, University of Western Ontario*

**2:00 PM-3:15 PM — International 1**

- 68-1 **Black–White Status Exchange in 1940**  
*Ryan Gabriel, Brigham Young University; Madeleine Meldrum\*; Samuel McIntyre, Brigham Young University; Joseph Price, Brigham Young University*
- 68-2 **Once in a Blue Moon: Barriers to Inter-marriage Among Second-Generation Muslims in France**  
*Mauricio Bucca\*, Universidad Católica de Chile; Lucas Drouhot, Utrecht University*
- 68-3 **Census Race Categories and the Mortality of Mixed-Race American Men in the Twentieth Century**  
*Maria Osborne\**
- 68-4 **Race, Nativity, Marriage, and Health: How Does Interracial Marriage Shape Women’s Health?**  
*Yoonyoung Choi\*, The Ohio State University; Hui Zheng, The Ohio State University*

## 69 Implications for Population Research of Federal Efforts to Address Diversity, Equity, and Inclusion

CHAIR: *Vida Maralani, Cornell University*

DISCUSSANT: *Hedwig Lee, Washington University in St. Louis*

**2:00 PM-3:15 PM — International 3**

- 69-1 **Panelist**  
*Kellina Craig-Henderson\*, National Science Foundation Social, Behavioral, Economic Directorate*
- 69-2 **Panelist**  
*Marie Bernard\*, National Institutes of Health Scientific Workforce Diversity Initiative*
- 69-3 **Panelist**  
*Nathaniel Stinson\*, National Institute on Minority Health and Health Disparities, NIH*

## P3 Fertility, Family Planning, Sexual Behavior and Reproductive Health

**2:30 PM-4:00 PM — Marquis Ballrooms A-D (Posters)**

- P3 **Getting Married First, or Getting Pregnant First? Examining the Sequence of Marriage and Child-bearing in Taiwan**  
*Li-Hsuan Cheng; Ssu-Chin Peng\*, National Chengchi University*
- P3 **Women’s Reported Satisfaction and Quality of Care at Family Planning Visits: Levels, Patterns, and Correlates From Client Exit Interview Data in Five Countries**  
*Yoonjung Choi\*, iSQUARED Global; Celia Karp, Johns Hopkins Bloomberg School of Public Health; Elizabeth Gummerson, Johns Hopkins Bloomberg School of Public Health; Philip Anglewicz, Johns Hopkins Bloomberg School of Public Health*
- P3 **Epidemics and Fertility Change: Responses to Zika and COVID-19 in Singapore**  
*Poh Lin Tan, National University of Singapore; Joan Ryan\*, University of Pennsylvania; Jeremy Lim-Soh, National University of Singapore*
- P3 **Stress, Fatigue, and Sexual Spontaneity Among Married Couples in a High-Stress Society: Evidence From Sex Diary Data From Singapore**  
*Poh Lin Tan\*, National University of Singapore*
- P3 **Power, Violence, and Identity: Effects of Abstinence Pledges on Romantic Relationships**  
*Soren Starkey\**
- P3 **Does the Family’s Investments in the First Child Affect the Decision to Give Birth to a Second Child?**  
*Ze Xu Wang\**

- P3 **Comparing Approaches to Effective Coverage Measurement for Family Planning Services**  
Sara Riese\*, Shireen Assaf, *ICF international (The DHS Program)*;  
Tom Pullum, *ICF international (The DHS Program)*
- P3 **Trajectories of Method Dissatisfaction Among Kenyan Women Using Modern, Reversible Contraception: A Prospective Cohort Study**  
Claire Rothschild\*, *PSI*; Barbra Richardson, *University of Washington*; Brandon Guthrie, *University of Washington*; Lisa Callegari, *University of Washington*; Alison Drake, *University of Washington*
- P3 **Old Question, New Methods: Advances in Difference-in-Differences and the Effect of Anti-Abortion Laws on Fertility in the Nineteenth-Century United States**  
Janna Johnson\*, *Humphrey School of Public Affairs*; J. David Hacker, *University of Minnesota*
- P3 **Variation in Breastfeeding Initiation and Duration by Mode of Childbirth Delivery**  
Lindsay Mallick\*, *University of Maryland*; Edmond Shenassa, *University of Maryland*
- P3 **Estimating the Contribution of Foreigners to Fertility in Greece**  
Byron Kotzamanis\*, *Dimitrios Karkanis, University of Thessaly*;  
Anastasia Kostaki, *Athens University of Economics & Business*
- P3 **Grandparents' Cooperation in Raising Grandchildren During Mexico's Demographic Transition**  
Roxana Ivette Arana Ovalle\*, *University of Montreal*; Lisa Dillon, *Université de Montréal*; Francisco Zamudio, *Universidad Autónoma Chapingo*; Alejandro Murua, *University of Montreal*
- P3 **Spousal Migration, Empowerment, and Pregnancy: An Analysis of the Effects of International Male Spousal Migration on Perinatal Health Care Utilization of Women in Matlab, Bangladesh**  
Angubeen Khan\*, *University of California, Los Angeles*; Heidi West, *University of California, Los Angeles*; Abdur Razzaque, *International Center for Diarrhoeal Disease Research*; Randall Kuhn, *University of California-Los Angeles*
- P3 **Differentiating Local Government Performance in Strengthening and Scaling Family Planning Programming: A Mixed-Methods Comparative Case Study**  
Emily Das, *Population Services International, India*; Sarah Jane Holcombe\*, *Johns Hopkins Bloomberg School of Public Health*; Oluwayemisi Ishola, *Kent State University*; Moussa Faye, *IntraHealth International*
- P3 **Big Data, Machine Learning, and Contraceptive Use: A Scoping Review**  
Amy Finnegan, *IntraHealth International*; Saisahana Subburaj\*, *Duke University*; Kelly Hunter, *Yale University*; Priya Parkash, *Duke University*; Elizabeth Shulman, *Duke University*; Janel Ramkalawan, *Duke University*; Megan Huchko, *Duke University Global Health Institute*
- P3 **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, *Max Planck Institute for Demographic Research*
- P3 **Age Patterns of Contraceptive Use and Needs: A Global Comparison**  
Mark Wheldon\*, *United Nations Population Division*; Philipp Ueffing, *United Nations Population Division*; Joseph Molitoris, *Lund University*; Vladimira Kantorova, *United Nations*
- P3 **Unmet Need for Family Planning Among Married Women in Sub-Saharan Africa: A Meta-Analysis of DHS Data, 1995–2020**  
Million Phiri\*, *University of the Witwatersrand*; Clifford Odimegwu, *University of the Witwatersrand*; Chester Kalinda, *University of KwaZulu-Natal*
- P3 **A Cross-Country Qualitative Study on Contraceptive Method Mix: Contraceptive Decision-making Among Youth**  
Lynette Ouma, *International Youth Association for Family Planning*;  
Burcu Bozkurt, *University of North Carolina at Chapel Hill*; Christine Power\*, *Population Reference Bureau*; Jill Chanley; Ronald Kakonge, *International Youth Association for Family Planning*; Oluwatosin C. Adeyemi, *University of Lagos*; Ramya Jawahar Kudekallu, *International Youth Association for Family Planning*; Elizabeth Leahy Madsen, *Population Reference Bureau*
- P3 **Association Between Contextual Factors and Adverse Sexual and Reproductive Health Outcomes Amongst Young Women in Durban's Informal Settlements, South Africa**  
Obasanjo Bolarinwa\*, *Tlou Boikhutso, University of KwaZulu-Natal*
- P3 **Recent Induced Abortion in China**  
Tian Wang\*
- P3 **Method-Related Attributes and Contraceptive Discontinuation: Results From a Prospective Study From Nairobi and Homa Bay Counties in Kenya**  
Yohannes Wado\*, *African Population and Health Research Center*;  
Martin Kavao, *African Population and Health Research Center*;  
George Odwe, *Population Council Kenya*; Francis Obare, *Population Council Kenya*; Kazuyo Machiyama, *LSHTM*; John Casterline, *The Ohio State University*; John Cleland, *LSHTM*
- P3 **Improvement in Use of Modern Contraceptive Methods Among Urban Women: Evidence From a Population-Based Survey in TCIRC Program, India**  
Dr Emily Das\*, *Population Services International, India*; Mukesh Sharma; Hitesh Sahni, *Population Services International, India*; Devika Varghese, *Population Services International, India*
- P3 **The Implications of Polygamy in West and Central African Countries for Fertility Intentions and Family Planning**  
Roch Millogo, *Institut Supérieur des Sciences de la Population*;  
Charlotte Greenbaum\*, *Population Reference Bureau*; Debi Bitire, *Population Reference Bureau*; Maté Labité, *Institut Supérieur des Sciences de la Population*; Abdramane Soua, *Institut Supérieur des Sciences de la Population*; Bruno Lankoande

- P3 **Provider Disrespect in the Provision of Family Planning in Public-Sector Facilities in Western Kenya**  
Katherine Tumlinson\*, *University of North Carolina at Chapel Hill*; Laura Britton, *Columbia University*; Caitlin Williams, *University of North Carolina at Chapel Hill*; Debborah Wambua, *Innovations for Poverty Action - Kenya*; Dickens Onyango, *Kisumu County Department of Health*; Leigh Senderowicz, *University of Wisconsin-Madison*
- P3 **Correlates of Teenage Pregnancies in Sub-Saharan African Countries**  
Martin Palamuleni\*, *North West University*
- P3 **How Do Future Trends in Fertility Shape the Demographic Window of Opportunity in USAID Family Planning Priority Countries?**  
Toshiko Kaneda\*, *Population Reference Bureau*; Charlotte Greenbaum, *Population Reference Bureau*; Chrysantus Shem, *Population Reference Bureau*; Kaitlyn Patierno, *Population Reference Bureau*
- P3 **Association of Prenatal Substance Use With Prenatal and Postpartum Care: Evidence From the Pregnancy Risk Assessment Monitoring System, 2016–2019**  
Elizabeth Simmons\*, *University of North Carolina at Chapel Hill*; Anna Austin, *University of North Carolina at Chapel Hill*
- P3 **Policy Interpretations of the Global Effect of Fertility Decline on Population Size and Median Age, 1970–2020**  
Thomas Pullum\*, *Demographic and Health Surveys*; Apoorva Jadhav, *United States Agency for International Development*
- P3 **Low Fertility Among U.S. Subpopulations: Assessing Nulliparity by Nativity and National Origin**  
Guadalupe Aguilera\*, *University of Wisconsin-Madison*; Kim Korinek, *University of Utah*
- P3 **What Does “Unmet Need” Have to Do With It? Young Married Women’s Fertility and Family Planning Needs in Bihar and Uttar Pradesh, India**  
Ilene Speizer\*, *University of North Carolina at Chapel Hill*; AJ Francis Zavier; Lisa Calhoun, *Carolina Population Center*; Priya Nanda, *Bill & Melinda Gates Foundation*
- P3 **Psychosocial Dimensions of Access to Contraception and Their Associations With Contraceptive Use and Intention to Use**  
Moussa Zan\*; Clementine Rossier, *Université de Genève*
- P3 **Missing in Action: A Mixed-Methods Study of Provider Absenteeism and the Impact on Contraceptive Use in Western Kenya**  
Katherine Tumlinson\*, *University of North Carolina at Chapel Hill*; Laura Britton, *Columbia University*; Caitlin Williams, *University of North Carolina at Chapel Hill*; Debborah Wambua, *Innovations for Poverty Action - Kenya*; Dickens Onyango, *Kisumu County Department of Health*
- P3 **Health Care Professionals’ Perceptions of a Patient: Navigation Training to Increase Uptake of PrEP Among Black Men Who Have Sex With Men**  
Paul Burns, *University of Mississippi Medical Center*; Angela Omondi\*, *University of Alabama*
- P3 **Application of the Theory of Gender and Power to Identify Factors Associated With Current Contraceptive Use in Pakistan**  
Bhavita Kumari\*, *Tulane University School of Public Health*; Mai Do, *Tulane University School of Public Health*
- P3 **The Effects of the COVID-19 Pandemic on Access and Delivery of Reproductive Health Services in Some Health Units in Cameroon’s Capital City, Yaoundé**  
Teke Takwa\*, *Central Population for Censuses and Population Studies, BUCREP*; acha eyaih; Guetchuissi Jordan
- P3 **mHealth Interventions for Contraceptive Behavior Change in the United States: A Systematic Review**  
Alice Cartwright\*, *University of North Carolina at Chapel Hill*; Amy Alspaugh, *University of Tennessee*; Laura Britton, *Columbia University*; Seth Noar, *University of North Carolina at Chapel Hill*
- P3 **New Estimates of Parity-Specific Fertility Rates Essential to Understanding Reproductive Inequality in the United States**  
Leslie Root\*, *University of Colorado Boulder*; Amanda Stevenson, *University of Colorado, Boulder Department of Sociology*; Katie Genadek, *U.S. Census Bureau*; Sara Yeatman, *University of Colorado Denver*; Stefanie Mollborn, *University of Colorado Boulder*; Jane Menken, *University of Colorado, Boulder*
- P3 **Selection or Forced Migration Experience? A Comparative Analysis of Fertility Trends Among Syrian Refugees in Jordan and Turkey**  
Ilgi Bozdag\*, *Centre de Recherche de l’Institut de Démographie de l’Université Paris*; Maia Sieverding, *American University of Beirut*
- P3 **Effect of the ACA Contraceptive Mandate on Unintended Pregnancies**  
Neko Michelle Castleberry\*, *American University*
- P3 **Identifying Trends in Access to Abortion and Potential Gaps in Care for Legal Abortion Services in Argentina: An Analysis of Accompanied Abortions, 2016–2019**  
Alexandra Wollum\*; Belén Grosso, *Colectiva Feminista La Revuelta*; Ruth Zurbruggen, *Colectiva Feminista La Revuelta*; Caitlin Gerdtz, *Ibis Reproductive Health*; Brianna Keefe-Oates, *Harvard T.H. Chan School of Public Health*; Sofia Carbone, *Ibis Reproductive Health*; Erika Atienzo, *Ibis Reproductive Health*
- P3 **Spatial Clustering in Temporal Trends of Female Genital Mutilation Risk: Leveraging Sparse Data in Ethiopia, Kenya, and Somalia**  
Kathrin Weny; Romesh Silva\*, *United Nations Population Fund*; Nafissatou Diop, *UNFPA*; Rachel Snow, *United Nations Population Fund*

- P3 **The Role of Contraceptive Method Preferences on Women's Decision to Adopt Contraception**  
Carolina Cardona\*, *Johns Hopkins Bloomberg School of Public Health*; Philip Anglewicz, *Johns Hopkins University*; David Bishai, *Johns Hopkins University*
- P3 **Violence Within Marriage and Women's Reproductive Health Risk in One of the High Gender-Based Violence-Reporting States in India**  
Shubh Swain\*, *Cornell University*; Bitra George, *Family Health International*
- P3 **Spatial Variation in Childlessness Across Districts of India, 1981–2011**  
Adrita Banerjee\*, *International Institute for Population Sciences*
- P3 **The Impact of Family Formation on the Employment Outcomes of Immigrants in France: A Multistate Approach**  
Isaure Delaporte\*, *University of St Andrews*; Hill Kulu, *University of St Andrews*
- P3 **Social Class, Intergenerational Mobility, and Desired Number of Children in China**  
Yiqing Gan\*, *Chinese University of Hong Kong*; Peng Wang, *The Chinese University of Hong Kong*
- P3 **Women's Status and the Evolution of Son Preference in Turkey**  
Selin Köksal\*, *Bocconi University*
- P3 **COVID-19 Related Factors, Contraceptive Use, and Access to Health Care Services of Women in Nigeria**  
Olufemi Adetutu\*, *Obafemi Awolowo University*; ARISH QAMAR; ARISH QAMAR
- P3 **Motivations for Maintaining Virginity Among U.S. Adolescents**  
Giuseppina Holway\*, *University of Tampa*; Karin Brewster, *Florida State University*; Kathryn Tillman, *Florida State University*
- P3 **Increase in Algerian Fertility: Are Changes Linked With Education?**  
Zahia Ouadah-Bedidi\*
- P3 **The National Composite Index for Family Planning (NCIFP): Results and Methodological Issues**  
Rebecca Rosenberg\*, *Independent Demographic Consultant*; Karen Hardee, *What Works Association*; Imelda Zosa-Feranil, *Avenir Health*
- P3 **Time to Care Among Patients Who Receive Medication Abortion With History-Based Screening in the United States**  
Leah Koenig\*, *University of California, San Francisco*; Elizabeth Raymond, *Gynuity Health Projects*; Marji Gold, *RHEDI/Montefiore Medical Center*; Christy Boraas, *Planned Parenthood North Central States*; Bliss Kaneshiro, *University of Hawaii*; Beverly Winikoff, *Gynuity Health Projects*; Leah Coplon, *Maine Family Planning*; Ushma Upadhyay, *University of California, San Francisco*
- P3 **Moral Attitudes and Sexual Behavior: Is There a Reciprocal Relationship for Young Women?**  
Michelle Eilers\*, *University of Texas at Austin*
- P3 **What Emerging Adults Are Saying About Sexual and Reproductive Health Programs: Evidence From a Suburb in Accra, Ghana**  
Laud Sowah\*, *University of Ghana*; Adriana Biney, *University of Ghana*; Donatus Yaw Atiglo, *University of Ghana*; Delali Badasu, *University of Ghana*; Augustine Ankomah, *Population Council, Ghana*
- P3 **Changes in Contraceptive Methods Among Chinese Women of Childbearing Age**  
Chenxi Wu\*
- P3 **Emergency Contraceptive Use as a Contextual and Dynamic Behavior Among Emerging Adults in Urban Ghana**  
Donatus Yaw Atiglo\*, *University of Ghana*; Adriana Biney, *University of Ghana*; Laud Sowah, *University of Ghana*; Augustine Ankomah, *Population Council, Ghana*
- P3 **The State of Induced Abortion in Burkina Faso**  
Suzanne Bell\*, *Johns Hopkins Bloomberg School of Public Health*; Georges Guiella, *University of Montreal*; Meagan Byrne, *Johns Hopkins Bloomberg School of Public Health*; Fiacre Bazie, *Institut Supérieur des Sciences de la Population (ISSP), Université de Ouagadougou*; Yentema Onadja, *University of Montreal*; Haley Thomas, *Johns Hopkins University Bloomberg School of Public Health*; Caroline Moreau, *INSERM/INED and Johns Hopkins School of Public Health*
- P3 **Leadership Skills and Completed Fertility Among Males: A Study Based on Data From Swedish Registries**  
Steffen Peters\*, *Max Planck Institute for Demographic Research*; Kieron Barclay, *Max Planck Institute for Demographic Research*
- P3 **Recent Cesarean Section in China**  
Tian Wang\*
- P3 **Geographic Mobility Over the Life Course and Sexual Health Among Foreign-born Latinx Men Who Have Sex With Men**  
Susan Cassels\*, *University of California Santa Barbara*; Alison Cerezo, *University of California Santa Barbara*; Sean Reid; David Rivera, *University of California Santa Barbara*
- P3 **Lifetime Prevalence and Factors Associated With Family Planning Provider Judgement Among Reproductive-Aged Women With Children in Burkina Faso**  
Brooke Bullington\*, *Leigh Senderowicz, University of Wisconsin–Madison*; Ana Langer, *Harvard T.H. Chan School of Public Health*; Abdramane Soura, *Université Joseph Ki-ZERBO*; Nathalie Sawadogo, *Université Joseph Ki-ZERBO*; Pascal Zabre, *Centre de Recherche en Santé de Nouna*; Ali Sie, *Centre de Recherche en Santé de Nouna*
- P3 **Contraceptive Use Before and After Abortion: A Cross-Sectional Study From Nigeria and Côte d'Ivoire**  
Sophia Magalona\*, *Johns Hopkins University*; Meagan Byrne, *Johns Hopkins University*; Funmilola OlaOlorun, *University of Ibadan, Ibadan, Nigeria*; Rosine Mosso, *École Nationale Supérieure de Statistique et d'Economie Appliquée*; Elizabeth Omoluabi, *CRERD*; Caroline Moreau, *INSERM/INED and Johns Hopkins School of Public Health*; Suzanne Bell, *Johns Hopkins University*



- P3 **National and Subnational Comparisons of Fertility of Nepal**  
Puspa Basnet\*
- P3 **Evaluating the Impact of Social Accountability on Family Planning Use in Western Kenya**  
Katherine Tumlinson\*, *University of North Carolina at Chapel Hill*; Dickens Onyango, *Kisumu County Department of Health*; Stephanie Chung, *University of North Carolina at Chapel Hill*; Brooke Bullington; Catherine Gakii, *Innovations for Poverty Action - Kenya*; Leigh Senderowicz, *University of Wisconsin–Madison*
- P3 **Turbulence in Algerian Fertility: The Return to Three Children in the Face of Economic Recession**  
Zahia Ouadah-Bedidi\*; Soumaya Abdellatif
- P3 **The Association Between Women’s Economic Empowerment and Contraceptive Use, Adoption, and Discontinuation in Kenya**  
Carolina Cardona\*, *Johns Hopkins Bloomberg School of Public Health*; Philip Anglewicz, *Johns Hopkins University*; Elizabeth Gummerson; Peter Gichangi, *Technical University of Mombasa*; Mary Thiongo, *International Centre for Reproductive Health, Kenya*
- P3 **The Burden of Unintended Pregnancies Among Indian Adolescent Girls in Bihar and Uttar Pradesh: Evidence From the UDAYA Survey**  
Himani Sharma\*
- P3 **Antenatal Care-Seeking and the Role of Informational Support From Women’s Social Networks: Qualitative Evidence From Pregnant Women in Uganda**  
Alison Comfort\*, *University of California, San Francisco*; Alison El Ayadi, *University of California, San Francisco*; Carol Camlin, *UCSF Dept. of Ob/Gyn & Reproductive Sciences*; Alexander Tsai, *Massachusetts General Hospital, Harvard Medical School*; Hadija Nalubwama, *Makerere University College of Health Sciences*; Josaphat Byamugisha, *Makerere University College of Health Sciences*; Dilys Walker, *University of California, San Francisco*; Julian Adong, *Mbarara University of Science and Technology*; James Moody, *Duke University*; Tatyana Roberts, *University of California, San Francisco*; Cynthia Harper, *University of California, San Francisco*
- P3 **Exploring Health Care Professionals’ Perspectives on the Impact of the Free Maternal Health Care Policy on the Utilization of Sexual and Reproductive Health Services Among Women in Rural Ghana: A Qualitative Study**  
Alexander Laar\*; Emmanuel Bekyieriya, *School of Hygiene, Environmental Health Programme, Ministry of Health, Tamale, Ghana*; Sylvester Isang, *Ghana School of Law, Kwame Nkrumah University of Science Technology, Kumasi, Ghana*; ARISH QAMAR
- P3 **Does Partner Involvement Affect Abortion Trajectories and Safety in Nigeria and Côte d’Ivoire?**  
Selena Anjur-Dietrich\*; Elizabeth Omoluabi, *CRERD*; Funmilola OlaOlorun, *University of Ibadan, Ibadan, Nigeria*; Rosine MOSSO; Shannon Wood, *Johns Hopkins Bloomberg School of Public Health*; Caroline Moreau, *INSERM/INED and Johns Hopkins School of Public Health*; Suzanne Bell, *Johns Hopkins Bloomberg School of Public Health*
- P3 **Modeling the Impact of Ovulatory Cycle Knowledge on Number of Children and Age of Women at First Birth**  
Karan Babbar\*; Pritha Dev, *Indian Institute of Management Ahmedabad*
- P3 **Using Modern Contraception While Wanting a Child: Implications for a Human Rights–Based Approach to Contraception in Burkina Faso**  
Moussa Zan\*; ARISH QAMAR; Clementine Rossier, *Université de Genève*
- P3 **From Doctors’ Offices to Homes: Impacts of Home Pregnancy Test Availability**  
Chien-Tzu Cheng\*
- P3 **Correlates and Inequality of Antenatal Care Among Reproductive-Aged Women in Uttar Pradesh, India: Evidence From the Latest Cross-Sectional Survey**  
Javed Alam\*
- P3 **Who Receives Support During Pregnancy? Disparities in Social Support by Intendedness**  
Lauren Newmyer\*, *Pennsylvania State University*
- P3 **Do Recessions Impact Childlessness? Evidence From the United Kingdom**  
Ershang Liang\*
- P3 **Internet Use and the Postponement of Age Deadlines for Childbearing**  
Alice Goisis\*, *University College London*; Francesco Billari, *Bocconi University*
- P3 **Partnership Trajectories Into Medically Assisted Reproduction**  
Alina Pelikh\*, *University College London*; Alice Goisis, *University College London*; Hanna Remes, *University of Helsinki*; Niina Metsä-Simola, *University of Helsinki*
- P3 **Have Post-ICPD Population Policies Adhered to the Cairo Consensus?**  
Karen Hardee\*, *What Works Association*
- P3 **Providers’ Perspectives on Training and Provision of Self-injectable DMPA-SC in Lagos, Nigeria**  
Sneha Challa\*, *University of California, San Diego*; Elizabeth Omoluabi, *Akena Associates*; Ivan Idiodi, *Akena Associates*; Chioma Okoli, *Akena Associates*; Ayobambo Jegede, *Akena Associates*; Shakede Dimowo, *Akena Associates*; Aminat Tijani, *Akena Associates*; Awawu Grade Nmadu, *Akena Associates*; Lauren Suchman, *University of California, San Francisco*; Julia Kramer, *University of California San Francisco*; Kehinde Osinowo, *Association for Reproductive and Family Health, Nigeria*; Rodio Diallo, *Bill and Melinda Gates Foundation*; Jenny Liu, *University of California San Francisco*
- P3 **Son Preference and Fertility Behavior in Bangladesh**  
Kaniz Fatema\*, *University of Iowa*
- P3 **Completed Fertility of Women: What Difference Does Exogamy Make?**  
Annegret Gawron\*, *University of Rostock*; Nadja Milewski, *Federal Institute for Population Research*

- P3 **Gender and Moral Norms in Shaping Exchange in Adolescent Courtship: A Case Study From Ghana**  
Madeleine Henderson\*
- P3 **Where the ART Clinics Are (Not): A Sociodemographic Multilevel Analysis of U.S. ART Clinics**  
Katherine Tierney\*
- P3 **Repartnering and Fertility**  
Francesca Luppi, *Università Cattolica del Sacro Cuore*; Matteo Migheli; Chiara Pronzato\*, *University of Turin*
- P3 **Changes in Fertility Plans During the COVID-19 Pandemic in Italy: The Role of Occupation and Income Vulnerability**  
Bruno Arpino, *University of Florence*; Francesca Luppi\*, *Università Cattolica del Sacro Cuore*; Alessandro Rosina, *Università Cattolica SC*
- P3 **Quality of Maternal and Newborn Care and Its Determinants in India, 2015–2016**  
Gursimran Rana\*
- P3 **Factors Associated With Exposure to COVID-19 Among Pregnant Women Who Have Lost Household Income in Four Sub-Saharan African Countries**  
Julius Sseninde\*, *Makerere University*
- P3 **Type of Marriage and Sex Ratio at Birth Among Indian Immigrants in the United States**  
Inbar Weiss\*, *University of Texas at Austin*
- P3 **The Diffusion of Scientific Knowledge on Family Planning Behavior: When, Where, and by Whom Is Research Being Done?**  
Aasli Abdi Nur\*, *University of Washington*; Aliakbar Akbaritabar, *Max Planck Institute for Demographic Research*; Maria Vignau Loria, *University of Washington*; Noah Coolman, *University of Washington*; Xinguang Fan, *Peking University*; Sara Curran, *University of Washington*
- P3 **Children's Sex and Parental Sex Preference**  
Qianqian Shang, *Center for Monetary and Financial Studies*; Quanbao Jiang, *Xi'an Jiaotong University*; Yongkun Yin\*, *Center for Monetary and Financial Studies*
- P3 **Women's Attitudes Toward Abortion in Response to the Zika and COVID-19 Outbreaks in Brazil**  
Brooke Whitfield\*; Leticia Marteleto, *University of Texas at Austin*
- P3 **Preferences Are Not Expectations: Distinguishing Classic Fertility Survey Questions in Repeated Cross-sections of South Korea**  
Narae Park\*, *University of Texas at Austin*; Dean Spears, *University of Texas at Austin*; Samuel Arenberg, *University of Texas at Austin*
- P3 **Exploring the Relationship Between Abortion Stigma and Abortion Reporting in Two Health and Demographic Surveillance Sites: A Pilot Study**  
Onikepe Owolabi\*, *Guttmacher Institute*; Clementine Rossier, *Université de Genève*; Moussa Zan, *University of Geneva*; Ramatou Ouedraogo, *African Population & Health Research Center*; Rachidatou Compaore, *IRSS*; Caron Kim, *World Health Organization*; Martin Bangha, *African Population & Health Research Center*; ARISH QAMAR; Adama Baguiya, *IRSS*; Clement Oduor, *African Population and Health Research Center*; Sherine Athero, *African Population and Health Research Center*; ARISH QAMAR; Bela Ganatra, *World Health Organization*
- P3 **Low Fertility and Individual's Housework Time in Marriage**  
Ian-I Sam\*
- P3 **How the UN's World Population Prospects Encouraged Iran's Pronatalist Approach Toward Population Issues?**  
Nader Mehri\*
- P3 **Fertility and Cognition: Do Genetic Factors, Family Background, and Presence of Spouse Matter?**  
Yan Zhang\*, *Michigan State University*; Jason Fletcher, *University of Wisconsin–Madison*
- P3 **Gendered Fertility Intentions of Millennials Amidst COVID-19 Pandemic: The Case of Lithuania**  
Vytenis Juozas Deimantas\*, *Lithuanian Social Research Centre*; Ausra Maslauskaitė, *Institute for Social Research*
- P3 **Socioeconomic Determinants of Traditional Versus Modern Contraception Use for Married Women in Pakistan, Bangladesh, and India**  
Fizza Raza\*, *Texas A&M University*; Brian Colwell, *Texas A&M University*; David Washburn, *Texas A&M University*; Jay Maddock, *Texas A&M University*
- P3 **Educational Differentials in the Completed Cohort and Total Fertility in Major Regions of India: A Study of Cohorts Born in 1945–1974 and 1992–2015**  
Milan Das\*, *International Institute for Population Sciences*; Michaela Potancokova, *Wittgenstein Centre for Demography and Global Human Capital*; Erich Striessnig, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*
- P3 **Understanding the Drivers of Young Women's Fertility Preferences in Highest Fertility Contexts and Implications for Intervention in Sub-Saharan Africa.**  
Oluwatobi Alawode\*, *University of Florida*
- P3 **Contraceptive Discontinuation Rates and Method Switching in Urban India**  
Emily Das\*, *Population Services International, India*; Mukesh Sharma

P3 **Contraceptive Side Effects as a Corrosive Disadvantage: Using Capability Theory to Understand Side Effects as Violation of Individual Freedom of Choice**

Stephanie Chung\*, *University of North Carolina at Chapel Hill*; Leigh Senderowicz, *University of Wisconsin–Madison*; Nathalie Sawadogo, *Université Joseph Ki-ZERBO*; Ana Langer, *Harvard T.H. Chan School of Public Health*; ARISH QAMAR; Pascal Zabre, *Centre de Recherche en Santé de Nouna*; Abdramane Soura, *Centre de Recherche en Santé de Nouna*

P3 **Adverse Pregnancy Outcomes in the United Kingdom Following Unexpected Job Loss**

Alessandro Di Nallo\*, *Université de Lausanne*; Selin Köksal, *Bocconi University*

P3 **Suicides and Male Twin Live Births in the United States, 2003–2019: An Updated Test of Collective Optimism and In Utero Selection**

Parvati Singh, *The Ohio State University*; Samantha Gailey\*, *University of Minnesota*; Abhery Das, *University of California, Irvine*; Tim-Allen Bruckner, *University of California, Irvine*

P3 **Adolescent Sexual Attitudes and the Likelihood of Teen Pregnancy**

Clarisse Manuel\*, *University of Texas at Austin*

## 70 Caregiving and Well-being

CHAIR: Zhiyong Lin, *University of Texas at Austin*

DISCUSSANT: Emily Agree, *Johns Hopkins University*

DISCUSSANT: I-Fen Lin, *Bowling Green State University*

**3:45 PM-5:00 PM — International 4**

70-1 **Caregiver Status, Gender, and Health: The Moderating Role of Age**

Min Ju Kim\*, *Rice University*

70-2 **Unpaid Caregiving and Stress in Sweden, Canada, and the United Kingdom**

Maria Stanfors\*, *Lund University*; Jeffrey Neilson, *Lund University*

70-3 **Stop Me From Falling: The Causal Impact of Public Home Care on the Well-being of Older People**

Ludovico Carrino, *King's College London*; Erica Reinhard, *King's College London / Erasmus University Medical Center Rotterdam*; Mauricio Avendano\*, *University of Lausanne*

70-4 **Long-Term Services and Supports, Cognitive Impairment, and Disease Management Among Older Chinese Adults**

Zhuoer Lin\*, *Yale University*; Xi Chen, *Yale University*

## 71 Public Policy and Child Well-being

CHAIR: Kelley Fong, *Georgia Institute of Technology*

DISCUSSANT: Lenna Nepomnyaschy, *Rutgers University*

**3:45 PM-5:00 PM — International 8**

71-1 **The Effects of the Child Tax Credit on Child and Family Well-being in New York City: A Comprehensive Analysis**

Sophie Collyer\*, *Columbia University*; Jill Gandhi, *Columbia University*; Christopher Wimer, *Columbia University*

71-2 **Paternity Leave, Family Dynamics, and Children's Behavior in Singapore**

Nanxun Li\*; Wei-Jun Yeung, *National University of Singapore*

71-3 **Does Offering Public Pre-Kindergarten Change Social Program Participation?**

Michah Rothbart, *Syracuse University*; Colleen Heflin, *Syracuse University*; Xiaohan Sun\*, *Syracuse University*; Taryn Morrissey, *American University*

71-4 **State Support Policies and Children's Living Arrangements**

Marina Potter\*, *Pennsylvania State University*; Tenesha Littleton, *University of Alabama, Tuscaloosa*; Sarah Font

## 72 Couples and Children During the COVID-19 Pandemic

CHAIR: Marcia Carlson, *University of Wisconsin–Madison*

DISCUSSANT: Christina Gibson-Davis, *Duke University*

**3:45 PM-5:00 PM — M104**

72-1 **Family Construction or Dissolution? Demographic Transitions During the COVID-19 Pandemic**

Anna Barbuscia, *Institut National d'Études Démographiques (INED)*; Ariane Pailhé\*, *INED*; Anne Solaz, *INED*

72-2 **Marriage and Divorce During the COVID-19 Pandemic: State-Level Analysis**

Krista Westrick-Payne\*, *Bowling Green State University*; Wendy Manning, *Bowling Green State University*; Lisa Carlson, *Bowling Green State University*

72-3 **Marriage and Cohabiting Relationships as a Shield Against Disasters: The Case of the Coronavirus Pandemic**

Michael Rosenfeld\*, *Stanford University*; Sonia Hausen

72-4 **Child Protective Services Involvement and Child Maltreatment-Related Medicaid Claim Trends During the COVID-19 Pandemic: Evidence From Wisconsin**

Jessica Pac\*, *University of Wisconsin-Madison*; Lawrence Berger, *University of Wisconsin–Madison*; HeeJin Kim, *University of Wisconsin-Madison*

## 73 Machine Learning Applications to Population Processes

CHAIR: Ian Kennedy, *University of Washington*

DISCUSSANT: ihsan kahveci,

### 3:45 PM-5:00 PM — International 9

- 73-1 **Examining the Role of Training Data for Supervised Methods of Automated Record Linkage**  
James Feigenbaum, *Boston University*; Jonas Helgertz\*, *University of Minnesota/Lund University*; Joseph Price, *Brigham Young University*
- 73-2 **Computer Vision and Applications in Social Science: Deriving Race and Gender From Photos**  
Melina Raglin\*, *The Ohio State University*; Erick Ae, *The Ohio State University*; Eungang Choi, *The Ohio State University*
- 73-3 **Constructing Segregation: Examining Social and Spatial Division in Road Networks**  
Elizabeth Roberto\*, *Rice University*; Yu Zhu, *Rice University*; Santiago Segarra, *Rice University*
- 73-4 **Beyond Poverty as a Proxy: Reducing Inequality in Infant Mortality by Identifying and Targeting Higher Risk Births**  
Antonio Pedro Ramos\*, *University of California, Los Angeles*; ARISH QAMAR

## 74 Motherhood and Its Labor Market and Health Consequences

CHAIR: Anna Matysiak, *University of Warsaw*

DISCUSSANT: Ipshita Pal,

### 3:45 PM-5:00 PM — International 10

- 74-1 **Does Free Childcare Improve Mother's Mental Well-being? Quasi-Experimental Evidence From the United Kingdom**  
Liming Li\*; Mauricio Avendano, *King's College London / Harvard University*
- 74-2 **Earnings Penalties to Motherhood and Income Inequality Among Couples With Children: How Do the United States and the United Kingdom Differ?**  
Selcuk Beduk, *ISER, University of Essex*; Susan Harrkness\*
- 74-3 **The Role of Sorting Across Firms in the Motherhood Wage Penalty and Fatherhood Premium in the U.S. Service Sector**  
Charlotte O'Herron\*, *Harvard University*; Daniel Schneider, *Harvard University*; Kristen Harknett, *University of California, San Francisco*
- 74-4 **Couples' Earnings and Mothers' Labor Market Attachment Following First Birth**  
Kelly Musick\*, *Cornell University*; Wonjeong Jeong

## 75 Poverty and Social Policy

CHAIR: Tim Slack, *Louisiana State University*

DISCUSSANT: Hope Harvey, *University of Kentucky*

### 3:45 PM-5:00 PM — M103

- 75-1 **Administrative Burdens and the Benefits Gap Among Black, Latino, and White Families**  
Zachary Parolin\*, *Columbia University*; Christina Cross, *Harvard University*; Rourke O'Brien, *Yale University*
- 75-2 **COVID-19 and the Effect of the Decision to Implement Federal Waivers for SNAP**  
Colleen Heflin, *Syracuse University*; William Clay Fannin\*; Leonard Lopoo, *Syracuse University*
- 75-3 **Dynamic Earnings, Stable Benefits? An Examination of How Social Programs Respond to Household Earnings Volatility**  
Hilary Wething, *Pennsylvania State University*; Elizabeth Pelletier\*, *University of Washington*
- 75-4 **The Effects of the Child Tax Credit on the Economic Well-being of Low-Income Families**  
Natasha Pilkauskas\*, *University of Michigan*; Katherine Michelmore; Nicole Kovski; Luke Shaefer, *University of Michigan*

## 76 Cohabitation and Nonmarital Relationships

CHAIR: Kara Joyner, *University of Texas at San Antonio*

DISCUSSANT: Pamela Smock, *University of Michigan*

### 3:45 PM-5:00 PM — International 2

- 76-2 **Migration, Marriage, and Cohabitation Among Hispanic Immigrant Women in the United States**  
Zohra Ansari-Thomas\*
- 76-1 **Living Apart Together in Spain: Different Meanings According to Life Stage—Choice or Constraints?**  
Momoko Nishikido\*; Teresa Castro Martin, *CSIC*
- 76-3 **Italian Nonmarital Fertility Ratio: Components of an Unexpected Rise**  
Ester Fanelli\*, *Brown University*
- 76-4 **Estate Planning Among Married and Cohabiting Couples: The Gendered Effect of Children From Previous Unions**  
Maude Pugliese\*, *Institut national de la recherche scientifique*; Hélène Belleau, *Institut national de la recherche scientifique*; Camille Biron-Boileau



## 77 Contexts of Parental Time Investments in Children

CHAIR: Hayley Pierce, Brigham Young University

DISCUSSANT: Boroka Bo, University of Essex

3:45 PM-5:00 PM — M102

- 77-1 **Trends in Developmental Gradient in Mothers' Childcare Time by Maternal Education, 2003–2019**  
Ge Gao\*, University of Maryland, College Park; Hangqing Ruan, University of Maryland, College Park; Philip Cohen, University of Maryland, College Park
- 77-2 **Changes in Mothers' and Fathers' Time at Home and Work During the Pandemic**  
Thomas Lyttelton\*, Copenhagen Business School; Emma Zang, Yale University; Kelly Musick, Cornell University
- 77-3 **Who Benefits From the Village? Parents' Time Use in Doubling Up Households**  
Ariane Ophir\*, Centre for Demographic Studies
- 77-4 **Estimating the Causal Effect of SNAP on Parental Time Investments**  
Anika Schenck-Fontaine\*, Maternal and Child Health Bureau; Afshin Zilanawala, University of Southampton; Almudena Sevilla-Sanz, Queen Mary University of London

## 78 Contextual Influences on Fertility and Family Planning

CHAIR: Ewa Batyra, Center for Demographic Studies

DISCUSSANT: Stuart Gietel-Basten, Hong Kong University of Science and Technology

3:45 PM-5:00 PM — M109

- 78-1 **Stratified Fertility: Age Norms, Ideals, Behaviors, and the Moderating Role of Culture, Economy, and Institutions**  
Luca Badolato\*, The Ohio State University; Francesco Billari, Bocconi University; Aart Liefbroer, Netherlands Interdisciplinary Demographic Institute
- 78-2 **Persistently High Fertility in a Low-Fertility Context: How Do America's Amish Heterogeneously Respond to Fertility-Reducing Structural Incentives?**  
Cory Anderson\*, Pennsylvania State University; George Hayward, Pennsylvania State University; Shuai Zhou, Pennsylvania State University; Guangqing Chi, Pennsylvania State University; Mary Shenk, Pennsylvania State University
- 78-3 **Women's Education and Low Fertility: The Moderating Effect of Familism and Gender Ideology**  
Annalisa Donno\*, University of Padua; Maria-Letizia Tanturri, University of Padua

## 79 Health Consequences of Surveillance and Social Control

CHAIR: Kazumi Tsuchiya, University of Minnesota, Minnesota Population Center

DISCUSSANT: Amy Thierry, Xavier University of Louisiana

3:45 PM-5:00 PM — M304

- 79-1 **Watched, Stopped, and Handcuffed: The Effects of Direct and Indirect Police Contact on the Health of Black Women**  
April Fernandes\*; Katrina Leupp, Washington State University, Vancouver; Qiana Cryer-Coupet, North Carolina State University; Elan Hope, North Carolina State University
- 79-2 **Reproductive Governance and Resistance at the U.S.–Mexico Border: The Role of Social Networks in the Diffusion of Self-managed Abortion**  
Kathleen Broussard\*, The University of Texas at Austin
- 79-3 **Parental Incarceration and Adolescent Sleep Health**  
Amelia Branigan\*, University of Maryland, College Park; Jess Meyer, University of North Carolina at Chapel Hill; Kathleen Mullan Harris, University of North Carolina at Chapel Hill
- 79-4 **Early-Adult Arrests and Physical Health Among U.S. Adults**  
Denise Mitchell\*

## 80 Healthy Lifestyles Across the Life Course

CHAIR: Elizabeth Lawrence, University of Nevada, Las Vegas

DISCUSSANT: Iliya Gutin, University of Texas at Austin

DISCUSSANT: TBD Discussant,

3:45 PM-5:00 PM — M101

- 80-1 **Lifetime Exposure to Smoking, Epigenetic Aging, and Morbidity and Mortality in Older Adults**  
Eric Klopach\*; Judith Carroll, University of California, Los Angeles; Steve Cole, University of California, Los Angeles; Teresa Seeman, University of California, Los Angeles; Eileen Crimmins, University of Southern California
- 80-2 **Longitudinal Pathways Linking Short Sleep Duration and Metabolic Syndrome in Early Mid-Adulthood: Differences by Race?**  
Jess Meyer\*, University of North Carolina at Chapel Hill; Kathleen Mullan Harris, University of North Carolina at Chapel Hill
- 80-3 **Social Disconnectedness and Changes in Health Behaviors During the COVID-19 Pandemic Among Older Adults**  
Won Choi\*, University of Chicago; Laura Finch, NORC; Ashwin Kotwal, University of California, San Francisco; Linda Waite, University of Chicago
- 80-4 **The Subnational Geographical Structure of Health Lifestyle Participation**  
Tom VanHeuvelen, University of Minnesota; Jane VanHeuvelen\*

## 81 Immigrant Enclaves and Internal Migration

CHAIR: Susan K. Brown, *University of California, Irvine*

DISCUSSANT: Zhenchao Qian, *Brown University*

**3:45 PM-5:00 PM — M105**

- 81-1 **Networks and Ethnic Enclaves During the Age of Mass Migration: Swedish Immigrants in the United States**  
Marcos Castillo\*, *Lund University*; Jonas Helgertz, *University of Minnesota/Lund University*
- 81-2 **Manifest Prejudice: Anti-German Discrimination in the United States Around World War I**  
Megan Kercher, *University of Minnesota*; Hannah Klose, *University of Minnesota*; Megan Olson, *University of Minnesota*; Luke Vannurden, *University of Minnesota*; David Villarama, *University of Minnesota*; Evan Roberts\*, *University of Minnesota*
- 81-3 **Words on the Street: How Family and Community Factors Influence Youth Language Choice**  
Bocheng Zhang\*, *Lillian Norman, University of Minnesota*; Mason Ellsworth, *University of Minnesota*; Paige Olsen, *University of Minnesota*; Isabella Ou, *University of Minnesota*; Evan Roberts, *University of Minnesota*
- 81-4 **Internal Migration Patterns of the Foreign-born Population in the United States, 2005–2015**  
Crystal Yu\*, *University of Washington*

## 82 Methodological Innovations in Mortality

CHAIR: Emma Zang, *Yale University*

DISCUSSANT: Shawn Bauldry, *Purdue University*

**3:45 PM-5:00 PM — International 7**

- 82-1 **Misery Needs Company: Confronting Claims of the Link Between Unemployment and Suicide**  
Byungkyu Lee\*; Bernice Pescosolido, *Indiana University*
- 82-2 **Modeling Age Patterns of Under-5 Mortality by Detailed Age in Low- and Middle-Income Countries Using Demographic and Health Surveys**  
Andrea Verhulst\*, *University of Pennsylvania*; Julio Romero Prieto, *London School of Hygiene and Tropical Medicine*; Michel Guillot, *University of Pennsylvania and INED*
- 82-3 **Mortality Modeling of Partially Observed Cohorts Using Administrative Death Records**  
Joshua Goldstein\*, *University of California, Berkeley*; Casey Breen, *University of California, Berkeley*; Serge Atherwood, *University of California, Berkeley*; Maria Osborne; Leslie Root, *University of Colorado Boulder*; Nathan Seltzer, *University of Wisconsin-Madison*; Jordan Weiss, *University of Pennsylvania*

- 82-4 **Do Grandparents Matter to Grandchildren's Mortality Risks? Intergenerational Associations in Mortality Risk Using Cohort Life Tables From the Human Mortality Database**

Ken Smith\*, *University of Utah*; Mike Hollingshaus, *University of Utah*; Jere Behrman, *University of Pennsylvania*; Jaesung Choi, *Sungkyunkwan University*; Irma Elo, *University of Pennsylvania*; Hyunjoon Park, *University of Pennsylvania*

## 83 Flash: Neighborhood Effects in an Era of Big and Small Data

CHAIR: Brian Levy, *George Mason University*

**3:45 PM-5:15 PM — International 6**

- 83-1 **Estimating Population Density From Satellite Imagery Using Convolutional Neural Networks**  
Ethan Roubenoff\*, *University of California, Berkeley*
- 83-2 **Examining the Relationship Between Neighborhood and Activity Space Using Large-Scale Digital Trace Data**  
Neal Marquez\*, *University of Washington*; Sara Curran, *University of Washington*; Adrian Dobra, *University of Washington*
- 83-3 **Neighborhood Change and Nonprofit Organizations**  
Dylan Nguyen\*, *Rice University*
- 83-4 **Patterns of Force in Times of Change: The Relationship Between Officer-Involved Homicides of Black Citizens and Gentrification**  
Joseph Gibbons\*, *San Diego State University*; Audrey Beck, *San Diego State University*; Brian Finch, *University of Southern California*; Kyla Thomas
- 83-5 **Disentangling the Community and Individual Effects in the Relationship Between Intimate Partner Violence and Housing Insecurity**  
Patricia Lewis\*; Kathryn Yount, *Emory University*; Weihua An, *Emory University*; Janeria Easley, *Emory University*
- 83-6 **Acute and Cumulative Effects of Local Violence on Marriage Formation During the Mexican War on Drugs, 2000–2019**  
Monica Caudillo, *University of Maryland*; Constanza Hurtado\*, *University of Maryland*; Jingwen Liu, *University of Maryland*
- 83-7 **Community Characteristics and the Risk of Non-communicable Diseases in Ghana**  
Winfred Avogo\*, *Illinois State University*
- 83-8 **A Tale of Four Cities and Towns: Neighborhood Effects, Poverty, and Academic Achievement in an Intentionally Diverse Environment**  
Jonathon Acosta\*

## 84 Innovative Approaches in the Study of Race/Racism

CHAIR: René Flores, *University of Chicago*

DISCUSSANT: Ariela Schachter, *Washington University in St. Louis*

DISCUSSANT: TBD Discussant,

### 3:45 PM-5:00 PM — International 1

#### 84-1 Reaching Nirvana? Structural Racism as a Multi-dimensional Determinant of Birth Outcomes for Black and White Minnesotans

Tongtan Chantararat\*, *University of Minnesota School of Public Health*; David Van Riper, *Minnesota Population Center, University of Minnesota*; Rachel R. Hardeman, *University of Minnesota School of Public Health*

#### 84-2 Self-identified Race, Socially-Assigned Race, and Health: Examining How Multiple Dimensions of Race Differentially Predict the Physical and Mental Health of Prisoners

Rachel Zajdel\*

#### 84-3 Money Whitens—and Darkens

Jeronimo Muniz\*, *Universidade Federal de Minas Gerais*; Edward Telles, *University of California, Irvine*

#### 84-4 Regional Conflict and Ethnic Politics in Bolivia

Maria Unzueta\*, *Princeton University*

## 85 Flash: Race and Ethnicity: Global Perspectives

CHAIR: Leticia Marteleto, *University of Texas at Austin*

### 3:45 PM-5:00 PM — International 5

#### 85-1 International Comparisons of Black–White Inter-marriage

Albert Esteve\*, *Universidad Autonoma de Barcelona*; Edward Telles, *University of California, Irvine*

#### 85-2 The Intersection of Family Income, Race, and Academic Performance in Access to Higher Education in Brazil

Flavio Carvalhaes\*, *Federal University of Rio de Janeiro*; Adriano Senkevics; Carlos Costa Ribeiro

#### 85-3 Inter-marriage in Mexico: An Analysis of Latin American Immigrant Unions

Nydia Navarrete Suárez\*, *Colegio del Mexico*

#### 85-4 Who Gains and Who Loses From Interethnic Marriage? Evidence From Western China

Man Xu\*, *Minnesota Population Center*

#### 85-5 Religious Composition and Change in India

Stephanie Kramer\*, *Pew Research Center*

#### 85-6 Caste and Community Conflict in India: Is Untouchability Still a Factor?

Saswathi Natta\*, *University of Maryland*

## 86 Family Demography: Where Is It Now? Where Should It Be Going?

CHAIR: Lingxin Hao, *Johns Hopkins University*

### 3:45 PM-5:00 PM — International 3

#### 86-1 Panelist

Frances Goldscheider\*, *Brown University*

#### 86-2 Panelist

Wendy Manning\*, *Bowling Green State University*

#### 86-3 Panelist

Philip Cohen\*, *University of Maryland, College Park*

#### 86-4 Panelist

Andrew Cherlin\*, *Johns Hopkins University*

## 87 Social Mobility and the Development of Inequalities Over the Life Course

CHAIR: Xavier St-Denis, *Institut National De La Recherche Scientifique, Centre Ucs*

DISCUSSANT: Jonathan Horowitz, *University of Toronto*

### 3:45 PM-5:00 PM — M106

#### 87-1 Intergenerational Income Mobility and the Role of the Transmission of Occupation

Catherine Haeck\*, *Université du Québec à Montréal*

#### 87-2 New Findings on Intergenerational Wealth Mobility

Fabian Pfeffer\*, *University of Michigan*

#### 87-3 The Unequal Impact of the COVID Pandemic on Infant Health

Florencia Torche\*, *Stanford University*

#### 87-4 Socioeconomic Resources and Mental Health in Canada: Examining Stability and Change Over the Life Course

Adam Vanzella Yang\*, *University of British Columbia*

## P4 Health and Health Behavior

### 4:30 PM-6:00 PM — Marquis Ballrooms A-D (Posters)

#### P4 Intersecting Inequalities: Living Arrangements, Perceived Neighborhood Social Cohesion, and Self-rated Health Among Middle-Aged and Older Adults in the United States

Esther Lamidi\*, *University of Colorado Colorado Springs*; Sue Nash



- P4 **Self-reported Provision of Person-Centered Maternity Care Among Providers in Kenya and Ghana: Scale Validation and Examination of Associated Factors**  
Patience Afulani\*, *University of California, San Francisco*; Raymond Aborigo; Jerry John Nutor, *University of California San Francisco*
- P4 **Rurality, Social Capital, and Maternal Smoking in Texas, 2014–2018**  
Sarah Sharmin\*, *The University of Texas at San Antonio*; Corey Sparks, *University of Texas at San Antonio*
- P4 **Is Marital Relationship Quality Associated With Depression Among Newly Married Couples Cohabiting With Their Mothers-in-Law in Rural Nepal? Evidence From a Longitudinal Study**  
Lakshmi Gopalakrishnan\*; Nadia Diamond-Smith, *University of California San Francisco*
- P4 **Prevalence and Determinants of Child Malnutrition Across Slums of India: Evidence From NFHS-4, 2015–2016**  
Dilwar Hussain\*; ARISH QAMAR; Subhojit Shaw
- P4 **How Do Pathways to Death Differ Across Individuals in the Last Year of Life? Classifying Deaths Based on Utilization of Care and Living Arrangement in Sweden**  
Marcus Ebeling\*, *Max Planck Institute for Demographic Research*; Anna Meyer, *Karolinska Institutet*; Karin Modig, *Karolinska Institutet*
- P4 **Has the Ban on Tobacco Advertisements Worked in India? A Multilevel Analysis of Panel Data**  
Rashmi Rashmi\*; Ronak Paul; Shobhit Srivastava
- P4 **Risk of Developing NCDs in Later Life Among the Overweight and Obese Women in India: Insights From a Nationally Representative Longitudinal Study**  
Debasis Barik\*, *National Council of Applied Economic Research*
- P4 **Personal Determinants of Hypertension Among Population Aged 35–70 in North West, South Africa**  
Ololade Baruwa\*, *North-West University Mafikeng Campus*; Lanthe Kruger, *North-West University, Potchefstroom*
- P4 **Experienced Discrimination in the Labor Market and Suicidal Ideation Among Korean Women**  
Youngmin Chu\*
- P4 **The Long-Term Effects of Graduating in a Recession on Health and Health Behavior in South Korea**  
Eunhye Kwak\*
- P4 **Associative Factors of Women’s Menstrual Product Procurement Behavior**  
Ruchira Bhattacharya\*
- P4 **The Relationship Between Gender Equality and Insecticide-Treated Net Use in Uganda**  
Anna Passaniti\*, *Johns Hopkins Center for Communication Programs*; Bolanle Olapeju, *Johns Hopkins Bloomberg School of Public Health*; Judith Nalukwago, *Johns Hopkins Center for Communication Programs*; Pallen Mugabe, *Johns Hopkins Center for Communication Programs*; Isaac Musoke, *Johns Hopkins Center for Communication Programs*; Musa Kimbowa, *Johns Hopkins Center for Communication Programs*; Emmanuel Kayongo, *Johns Hopkins Center for Communication Programs*; Ruth Musekura, *Johns Hopkins Center for Communication Programs*; Lyndsey Mitchum, *Johns Hopkins Center for Communication Programs*; Arzum Ciloglu, *Johns Hopkins Center for Communication Programs*; Leanne Wolff, *Johns Hopkins Center for Communication Programs*; Glory Mkandawire, *Johns Hopkins Center for Communication Programs*; Richard Kabanda, *Ministry of Health of Uganda*; Joel Kisubi, *US President’s Malaria Initiative, United States Agency for International Development (USAID), Uganda*; Doug Storey, *Johns Hopkins Bloomberg School of Public Health*; Sheila Nyakwezi, *US President’s Malaria Initiative, United States Agency for International Development (USAID), Uganda*; Pearl Kobusingye, *Johns Hopkins Center for Communication Programs*; Mariam Nabukenya, *Ministry of Health of Uganda*
- P4 **Sibling Absence and BMI: From Adolescence to Adulthood**  
Toni Falbo\*, *University of Texas at Austin*
- P4 **Adverse Childhood Experience and Association With Health, Morbidity, and High-Risk Health Behavior in Adulthood Among Americans**  
M Mazharul Islam, *Sultan Qaboos University*; Maieasha Rashid, *Greencastle Senior High School*; Mamunur Rashid\*
- P4 **Diseases and Threefold Catastrophe Health Spending Among Women in India**  
Manali Swargiary\*; Hemkhotang Lhungdim, *International Institute for Population Sciences*; Mrinmoy Pratim Bharadwaz, *Alpha MD Pvt. Limited*
- P4 **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*
- P4 **Adverse Childhood Experiences and Intimate Partner Violence Among Youth in Cambodia: A Latent Class Analysis**  
Stephanie Miedema\*, *Centers for Disease Control and Prevention*; ARISH QAMAR; Laura Chiang, *Centers for Disease Control and Prevention*; Thanak Ngann, *Gender and Development for Cambodia (GAD/C)*; Joann Wu Shortt, *Centers for Disease Control and Prevention*
- P4 **Analysis on Predisposing, Enabling, Need, and Health Behavioral Factors of Physical Examination Among Chinese Middle-Aged and Older Adults**  
Xiyuan Hu\*; Chao Guo, *Peking University*
- P4 **Anthropometric Data Quality Evaluation in India, NFHS-4, 2015–2016**  
Anjali Bansal\*; Radhika Sharma, *International Institute for Population Sciences*; Laxmi Dwivedi

- P4 **Impact of the 1984 National Minimum Drinking Age Act on Alcohol Consumption Levels and Mortality Risk in the United States**  
Muntasir Masum\*, *University of Texas at San Antonio*; Patrice Sparks, *University of Texas at San Antonio*
- P4 **Prevalence and Determinants of Anemia Among the Women of Reproductive Age Group in India: A Multilevel Approach**  
Sagar Verma\*, *Banaras Hindu University*; Aditya Singh, *Banaras Hindu University*
- P4 **Association of Social Capital With the Decline: The Cognitive Abilities of Elderly in India**  
Mohit Pandey\*
- P4 **Whose Education Matters for Early Child Development in Rural China: The Mother's or the Household's?**  
Liyun Liu\*; Kayla M. Kemp, *Penn State*; Liying Luo, *Penn State*; David Baker, *Penn State University*
- P4 **Romantic Partner Race/Ethnicity and Sleep Duration Among Heterosexual American Adults**  
Angelica Lopez\*; Connor Sheehan, *Arizona State University*; Jenjira Yahirun, *Bowling Green State University*
- P4 **Consequences of Job Loss on Carbohydrate Intake, Body Mass Index, and Diabetes Over Two Decades: Evidence From Urban China**  
Qian Song\*, *University of Massachusetts Boston*; ZeeKee Emily Lim, *UNIVERSITY OF MASSACHUSETTS BOSTON*
- P4 **Religious Disparities in Health in Bangladesh: The Case of Hypertension and Diabetes**  
M Haider\*; Nahid Kamal, *PopDev Consultancy Ltd.*; Mamun Bashar, *icddr,b*; Romanshi Gupta, *PopDev Consultancy Ltd.*; Nurul Alam, *icddr,b*
- P4 **Opioid-Use Timing, Duration, and Health Outcomes, 1976–2017**  
Alexander Chapman\*, *Pennsylvania State University*
- P4 **Attention-Deficit Hyperactivity Disorder (ADHD) Among Children of Immigrants: Immigrant Generation and Family Poverty Status**  
Jina Chang\*, *Lesley University*; Yeonjung Lee, *University of Hawai'i at Manoa*; Katherine Richards; Hannah Lex; Christina Kerns, *Indiana State University*
- P4 **Coal Country Despair: A Contextual Comparison of Mining Counties Across the United States**  
Anna Shetler\*, *Pennsylvania State University*; Raeven Chandler, *Pennsylvania State University*; Aysha Bodenhamer, *Radford University*
- P4 **Together but Apart: How Migration and Marital Separation Impact the Mental Health of Spouses Left Behind in Indonesia**  
Sneha Kumar\*, *Cornell University*
- P4 **The Overlooked 60 Million: Cardiovascular Health Among Diverse U.S. Adults Across Sub-baccalaureate Postsecondary Attainment Levels**  
Anna Zajacova\*, *University of Western Ontario*; Samuel Fishman, *University of Western Ontario*; Elizabeth Lawrence, *University of*
- Nevada, Las Vegas*
- P4 **How Do Knowledge, Attitudes, and Perceptions Affect the Influence of Cigarette Price on Smoking Intensity?**  
Kent Jason Cheng, *Syracuse University*; Rutchter Lacaza, *University of the Philippines - Diliman*; Miguel Antonio Estrada\*, *University of Georgia*
- P4 **The Effects of International Labor Migration and Remittances on Health Spending in Kerala, India**  
Sharon Green\*; Jennifer Hirsch, *Columbia University*; Yao Lu, *Columbia University*
- P4 **Child Marriage and Physical and Mental Health of Indian Women in Later Life**  
Kriti Vikram\*, *National University of Singapore*; Hyo Jung Lee, *Nanyang Technological University*
- P4 **Criminal Legal Contact and Disease Transmission**  
Chloe Craig\*
- P4 **Awareness, Knowledge, and Attitude Toward Tuberculosis Among Indian Women: A Multilevel Analysis**  
Sagar Verma\*, *Banaras Hindu University*; Aditya Singh, *Banaras Hindu University*
- P4 **Increasing Health Insurance Enrolment in Low- and Middle-Income Countries: What Works, What Does Not, and Research Gaps**  
Nigel James\*; Yubraj Acharya, *The Pennsylvania State University*
- P4 **What About Stress? Assessing Cardiac Event Risk and Wildfire Evacuations**  
Sophia Arabadjis\*, *University of California, Santa Barbara*; Stuart Sweeney, *University of California-Santa Barbara*
- P4 **Increasing Access to SNAP for Older Adults Through the Standard Medical Deduction**  
Colleen Heflin, *Syracuse University*; Jun Li; Dongmei Zuo\*, *Syracuse University*
- P4 **Understanding the Fragility of Health Systems: An Assessment of the Community-Based Health Planning and Services (CHPS) Effectiveness in Northern Ghana**  
Alastair Ager, *Queen Margaret University, Edinburgh*; Esther Azasi\*, *Queen Margaret University*; Sophie Witter, *Queen Margaret University, Edinburgh*; James F. Phillips, *Columbia University, USA*; Ayaga Bawah, *University of Ghana*
- P4 **Racial/Ethnic Disparities in Mortality Compression in the United States**  
Joseph Lariscy\*, *University of Memphis*; Eric Vogelsang, *California State University, San Bernardino*
- P4 **Conservatives and Liberals Both Want to Be Close to Nature, but for Different Reasons**  
Sasha Johfre\*, *Stanford University*
- P4 **The Linkage Between Living Arrangements, Social Positioning (Security), and Economic Condition With Physical and the Mental Health of the Elderly in India**  
Angad Singh\*, *International Institute for Population Sciences (IIPS)*; Dipti Govil, *International Institute for Population Sciences, Mumbai*

India

- P4 **My Size Is Right: Linking Trajectories of Body Perception to Health Outcomes**  
Miranda Jones, *University of Michigan*; Lori Kowaleski-Jones\*, *University of Utah*
- P4 **Childhood Poverty's Impact on Adult Health: Do Sensitive Periods and Mediating Pathways Differ by Race?**  
Emily Dore\*; Regine Haardoerfer, *Emory University*
- P4 **Role of Social Network in Waiting Time Prioritization: Evidence From India**  
Kumari Youkta\*; Rajendra Narayan Paramanik, *Indian Institute of Technology Patna*
- P4 **Payday Lenders and Premature Mortality**  
Megan Agnew, *University of Wisconsin-Madison*; Megan Bea\*, *University of Wisconsin-Madison*; Terri Friedline, *University of Michigan*
- P4 **Delayed Medical Care Among Older Adults During the COVID-19 Pandemic**  
Selena Zhong\*
- P4 **Race and Depressive Symptoms Among U.S. Older Adults During the COVID-19 Pandemic: Infection Threat or Economic Impact?**  
Miao Li; Ye Luo\*, *Clemson University*
- P4 **Racial Disparities in Tooth Loss Among Middle and Old Age in the United States: The Effects of Education and Dentist Visits**  
Chengming Han\*; Chengming Han
- P4 **Anticipated or Perceived Exclusion, Legal Cynicism, and the Stigma of Youth Police Stops**  
Wade Jacobsen\*, *University of Maryland*; Amanda Geller, *University of California, Irvine*
- P4 **Constructing a Nutrition Deficiency Index: Applications for the Democratic Republic of the Congo Under a Decade of Humanitarian Crises**  
Patrice Mirindi\*, *University of Pretoria*; Mousumi Bhattacharjee, *National Council of Applied Economic Research (NCAER)*; Patrick Mirindi, *World Health Organisation*; Suresh Babu, *IFPRI WASHINGTON DC*
- P4 **The Causal Effect of Social Isolation and Loneliness on Cognitive Decline in the United States, 1996–2016**  
Jo Mhairi Hale\*, *University of St Andrews*
- P4 **Food Security and Psychological Distress Among Elderly in India**  
Pallabi Gogoi\*, *Jawaharlal Nehru University*; Bhabesh Hazarika
- P4 **Effects of Disability Benefits on Health Status and Demand of Health Care Services**  
Alonso Quijano-Ruiz; Marco Antonio Faytong Haro\*, *The Pennsylvania State University*; Omar Galarraga, *Brown University*
- P4 **The Association Between the Obesogenic Environment and 6-month and 24-month Weight Change in a Rural Weight Loss Intervention Trial: The Role of Fast Food and Dollar Stores**
- Jarron Saint Onge\*, *University of Kansas*; Christie Befort, *University of Kansas Medical Center*; Mitchell Fagan, *Kansas City University*
- P4 **Are All (Social) Ties Equal? Transnational Remittance Receivers and Their Impact on U.S.-Based Immigrant Health**  
Coralía Balasca\*, *The Ohio State University*
- P4 **Health Perception Among the Elderly in India: A Gender Perspective**  
Saddaf Naaz Akhtar\*, *Jawaharlal Nehru University*; Nandita Saikia, *Jawaharlal Nehru University*
- P4 **How Far Community Extension Centers Improve Utilization of Maternal Health Services and Health-Seeking Behavior of Urban Poor Women? A Substantiation From India**  
Ankita Siddhanta\*, *Independent Researcher*; Ajay Singh, *IPE Global*
- P4 **English as a Second Language and Preventable Asthma Hospitalizations in New Jersey**  
Sylvia Twersky\*
- P4 **The Relationship Between Postsecondary Education and Adult Health Behaviors**  
Anthony Jehn\*
- P4 **A Comprehensive Examination of Discrimination and the Impact on Health in Young Adults**  
Sadie Ridgeway\*; Justin Denney, *Washington State University*
- P4 **Health, Suicidal Thoughts, and the Life Course: How Worsening Health Emerges as a Determinant of Suicide Ideation During the Young-Adult Life Course**  
Carlyn Graham\*, *The Pennsylvania State University*; Andrew Fenelon, *Pennsylvania State University*
- P4 **Is Sex Good for Your Brain? A National Longitudinal Study on Sexuality and Cognitive Impairment Among Older Adults**  
Shannon Shen\*, *Texas A&M University-San Antonio*; Hui Liu, *Michigan State University*
- P4 **New York City's "Stop, Question and Frisk" Policy and Psychiatric Emergency Department Visits Among Black Americans, 2006–2015**  
Abhery Das\*, *University of California, Irvine*
- P4 **Immigration Status on Use of Health Services Among Children and Youth: Path Analyses Through Need and Insured Status of National Survey of Children's Health, 2016–2017**  
Ye Ji Kim\*; Michael Kramer, *Emory University*; Shakira Suglia, *Emory University*
- P4 **Difference in Time Use and Daily Routine Between HIV-Positive and HIV-Negative Women in Malawi**  
Jeong Hyun Oh\*; Selena Zhong
- P4 **Possession of Mosquito Nets for Malaria Prevention in Guinea at Two Time Points After the Ebola Epidemic**  
Julia Callaway\*; Rodman Turpin, *University of Maryland, College Park*; Tianzhou Charles Ma, *University of Maryland, College Park*

- Elisabeth Fost Maring, *University of Maryland, College Park*; Mona Mittal, *University of Maryland, College Park*; Typhanye Dyer, *University of Maryland, College Park* P4
- P4 **Diet Behaviors in Early Life and Childhood Obesity: More Questions Than Answers**  
Rebecca Jones\*, *Emory University*; Venkat Narayan, *Emory University*; Solveig Cunningham, *Emory University*
- P4 **The Influences of Child's Biological Relationship to Household Head and Household Income in the Physical Health of Young Orphans and Children of Ill Parents in Nigeria**  
Aramide Kazeem\*, *University of West Georgia*; John Musalia, *Western Kentucky University*
- P4 **Racial, Ethnic, and Urban/Rural Differences in Transitions Into Diabetes: Evidence From the Health and Retirement Survey Biomarker and Self-reported Data**  
Hyeran Chung\*, *University of Illinois at Urbana-Champaign*; Mary Arends-Kuenning, *University of Illinois at Urbana-Champaign*
- P4 **Inequality in the Effects of Pesticide Exposure on Infant Health**  
Ailish Burns\*, *Brown University*; Jonathan Tollefson, *Brown University*
- P4 **Urban Migration and HIV Testing in Guinea Before and After the 2014–2016 Ebola Epidemic: A Mediation Analysis**  
Julia Callaway\*, *University of Maryland, College Park*; Tianzhou Charles Ma, *University of Maryland, College Park*; Elisabeth Fost Maring, *University of Maryland, College Park*; Mona Mittal, *University of Maryland, College Park*; Typhanye Dyer, *University of Maryland, College Park*
- P4 **Childhood Adversities and Late-life Cognition: Sociobehavioral Pathways**  
Miao Li\*; Ye Luo, *Clemson University*
- P4 **Machine Learning Prediction of Suicide Risk Among Korean Adults: A Population-Based Study**  
Jeongyoon Lee\*; Tae-Young Pak, *Sungkyunkwan University*
- P4 **Migration and the Left Behind: High Outmigration Communities Associated With More Depressive Symptoms Among Older Adults**  
Amilcar Matos-Moreno\*, *Pennsylvania State University*; Carlos Mendes de Leon; Neil Mehta, *University of Texas Medical Branch at Galveston*; Lu Wang, *University of Michigan School of Public Health*; Eduardo Villamor, *University of Michigan School of Public Health*
- P4 **The Role of Chronic Conditions in Explaining the Rising Trends of Midlife Disability in the United States: Higher Prevalence or Higher Disabling Effect?**  
Hangqing Ruan\*, *University of Maryland, College Park*; Ge Gao, *University of Maryland, College Park*
- P4 **Formulizing the Vaccine Allocation to States in India**  
Nand Mishra\*; Akancha Singh; ALKA CHAUHAN; Bishwajeet Besra, *International Institute For Population Sciences*
- Ties From the Edge: Friendships Outside of School and Adolescent Suicidality**  
ARISH QAMAR\*
- P4 **Why the Middle-Aged U.S. Population Has Higher Increase in Disability Prevalence Than Older Adults? The Role of Stalled Education Expansion**  
Hangqing Ruan\*, *University of Maryland, College Park*; Ge Gao, *University of Maryland, College Park*; Joan Kahn, *University of Maryland, College Park*
- P4 **Job Decision Latitude and Mental Health Among Adults in Early Midlife: Improving our Empirical Estimates**  
Grace Venechuk\*; Donald J. Mather, *University of Colorado Denver*; Adam Lippert, *University of Colorado Denver*
- P4 **The Contributions of Inter- and Intragenerational Socioeconomic Inequality to Racial Differences in the Development of Depression Across Adolescence to Early Midlife**  
Alexis Dennis\*, *University of North Carolina at Chapel Hill*
- P4 **A Comparative Examination of Self-rated Health Among American Indian/Alaskan Natives and White Adults**  
Kiana Wilkins\*, *Rice University*
- P4 **Perceived Social Mobility and Mortality in the United States**  
Patrick Präg, *Institut Polytechnique de Paris*; Alexi Gugushvili\*, *University of Oslo*
- P4 **Neighborhood Disorder in Mexico: Is It Associated With BMI and Obesity?**  
Natalia Ramirez\*; Solveig Cunningham, *Emory University*
- P4 **Network Positions and Social Status on the Transmission of Adolescent Substance Use Behaviors**  
Jihye Lee\*, *University of Southern California*
- P4 **Under-5 Mortality Rate in Haiti, 1994–2016: Trends and Factors of Variation**  
Adama Ouedraogo\*; David Jean Simon, *Université Paris 1 Panthéon Sorbonne*; Ann Kiragu, *Université Paris 1 Panthéon Sorbonne*
- P4 **Estimating and Decomposing Disease-Free Life Expectancies by Sex and Educational Attainment for Major Groups of Causes in Spain, 2012–2017**  
Octavio Bramajo\*, *Centre d'Estudis Demografics*; Inaki Permanyer, *Centre d'Estudis Demografics*; Pilar Zueras, *University of Essex*; Elisenda Renteria, *Centre d'Estudis Demogràfics*
- P4 **Does Health Insurance Help to Reduce Financial Risk in Hospitalization in India**  
Mohit Pandey\*
- P4 **Demographic and Socioeconomic Characteristics of People With Diabetes Who Purchase Over-the-Counter Insulin**  
Natalie Del Ponte\*, *Institute for Social Research and Data Innovation*; Julia Drew, *Minnesota Population Center*



P4 **Health Insurance Coverage and Rates of Foster Care Entry Due to Parental Substance Use**

Haley Stritzel\*, *University of Texas at Austin*

## 88 Social Relationships and Physical Health

CHAIR: Christina Kamis, *Yale University*

DISCUSSANT: Christina Kamis, *Yale University*

**5:30 PM-6:45 PM — International 4**

88-1 **Social Relationships, Wealth, and Cardiometabolic Risk: Evidence From a National Longitudinal Study of U.S. Older Adults**

Kaitlin Shartle\*, *University of North Carolina at Chapel Hill*; Y. Claire Yang, *University of North Carolina at Chapel Hill*; Laura Richman, *Duke University*; Daniel Belsky, *Columbia University Irving Medical Center*; Allison Aiello, *University of North Carolina at Chapel Hill*; Kathleen Mullan Harris, *University of North Carolina at Chapel Hill*

88-2 **Body Mass Index and Depressive Symptoms Among Chinese Older Couples: A Longitudinal Actor–Partner Interdependence Model Analysis**

Tingshuai Ge\*, *Xi'an Jiaotong University*; Quanbao Jiang, *Xi'an Jiaotong University*

88-3 **Lose or Constrain? How Chronic Illness Reduces Network Bridging in Later Life**

Tianyao Qu\*, *Cornell University*

88-4 **Longitudinal Pathways Through Loneliness and Functional Ability Among Older Adults in the United States**

Alex Wambach\*, *Brown University*

## 89 Social Policy and Child Health

CHAIR: Kelley Fong, *Georgia Institute of Technology*

DISCUSSANT: Lucie Kalousova, *Vanderbilt University*

**5:30 PM-6:45 PM — International 8**

89-1 **Children's Disparities in Self-rated Health Across OECD Countries: Behavioral, Social, and Educational Factors and Their Modification by Work–Family Policy**

Matthew Andersson\*, *Baylor University*; Michael Garcia, *University of Texas at Austin*; Jennifer Glass, *University of Texas at Austin*

89-2 **Evaluating the Effect of San Francisco's Paid Parental Leave Ordinance on Birth Outcomes**

Deborah Karasek\*, *University of California, San Francisco*; Sarah Raifman, *UCSF*; Rita Hamad, *University of California San Francisco*; William Dow, *University of California-Berkeley*; Julia Goodman, *OHSU-PSU School of Public Health*

89-3 **Cash Transfers and Adolescent Nutrition Outcomes: Evidence From the Child Support Grant in South Africa**

Kritika Sen\*, *University of New Mexico*; Kira Villa, *University of Mexico*

## 90 Drivers of COVID-19 Infection

CHAIR: Kate Choi, *University of Western Ontario*

DISCUSSANT: Ashton Verdery, *Pennsylvania State University*

**5:30 PM-6:45 PM — M104**

90-1 **The Role of Social Behavior in Mediating the Effect of Weather on COVID-19 Infections**

Chiara Serra\*, *Università Bocconi*; Simone Ferro, *University of Milan*

90-2 **Changing Contact Patterns in Spain During the COVID-19 Pandemic: Evidence From a Large Web-Based Survey Using MRP**

John Palmer\*, *Pompeu Fabra University*; Ramona Ottow, *Pompeu Fabra University*; Frederic Bartumeus, *Centre d'Estudis Avançats de Blanes (CEAB-CSIC)*

90-3 **Adherence to Mask-Wearing and Trust in Government: A Bayesian Hierarchical Analysis of COVID-19 Social Behavior in the United States**

Aja Sutton\*, *University of Washington*; Zack Almquist, *University of Washington*; Ashley Hazel, *University of California, San Francisco*; Michelle Kline, *Brunel University*; Paul Smaldino, *University of California, Merced*; Cristina Moya, *Brunel University*; James Jones, *Stanford University*

90-4 **An Examination of Concurrent Trends in COVID-19 and Violent Crime in Urban Areas**

David Ramey\*, *Pennsylvania State University*

## 91 Advances in Life Course Methods

CHAIR: Tim Liao, *University of Illinois*

DISCUSSANT: Anette Fasang, *Humboldt University*

**5:30 PM-6:45 PM — International 9**

91-1 **Life Course–Sensitive Analysis of Group Inequalities in Old Age: Combining Multichannel Sequence Analysis With the Kitagawa–Oaxaca–Blinder Decomposition**

Carla Rowold\*, *Nuffield College*; Emanuela Struffolino, *University of Milan*; Anna Hammerschmid, *German Institute for Economic Research (DIW Berlin)*; Anette Fasang, *Humboldt University Berlin & WZB*

91-2 **Remembrance of Things Past? Mismatches Between Retrospectively and Prospectively Reported Life History Information and Implications for Population Scientists**

Sarah Burgard\*, *University of Michigan*; Erin Ice, *University of Michigan*; Lucie Kalousova, *Vanderbilt University*; Janet Wang

91-3 **Constructing Residential Histories to Examine Life Course Contextual Exposure in a Geographically Diverse Sample**

Megan Agnew\*, *University of Wisconsin-Madison*; Wei Xu, *University of Wisconsin–Madison*; Amy Schultz, *University of Wisconsin-Madison*; Sarah Salas, *University of Wisconsin-Madison*; Michal Engelman, *University of Wisconsin–Madison*; Kristen Malecki



91-4 **The Cumulative Advantage of a Unionized Career for Lifetime Earnings**

Tom VanHeuvelen\*, *University of Minnesota*; Zachary Parolin, *Columbia University*

**92 Domestic Work and Gendered Outcomes in Low- and Middle-Income Countries**

CHAIR: Caroline Krafft, *St. Catherine University*

DISCUSSANT: Ragui Assaad, *University of Minnesota*

**5:30 PM-6:45 PM — International 10**

92-1 **The Effects of an Unconditional Cash Transfer on Gendered Time Allocation in Ghana**

Gbetoton Djossou\*, *Università degli Studi di Firenze*; Gustavo Angeles, *University of North Carolina at Chapel Hill*; Tia Palermo, *University at Buffalo*

92-2 **Not Beyond Gender: The Nexus of Family Composition, Women's Participation in Labor Force, and Domestic Activities in India**

Balhasan Ali\*, *International Institute for Population Sciences*; Preeti Dhillon, *International Institute for Population Sciences (IIPS)*; Sivakami Muthusamy, *Tata Institute of Social Sciences*; Udaya Shankar Mishra, *Centre for Development Studies*

92-3 **Walking for Water and Fuelwood: Welfare Implications for Women and Children in Ghana**

Monica Lambon-Quayefio\*, *University of Ghana*

92-4 **Long Hours of Domestic Work and Its Implication on Mental Health Problems and Learning Ability Among Unmarried Adolescents and Young Females in India**

Basant Panda\*, *International Institute for Population Sciences (IIPS)*; SNIGDHA BANERJEE; Neelanjana Pandey, *Population Council*

**93 Poverty, Space, and Place**

CHAIR: Tim Slack, *Louisiana State University*

DISCUSSANT: Brian Thiede, *Pennsylvania State University*

**5:30 PM-6:45 PM — M103**

93-1 **Racial Inequality in Poverty and the Local Welfare State**

Paige Kelly\*

93-2 **Factors Associated With Below-Average Claiming of the Earned Income Tax Credit**

Lance Palmer; Danah Jeong\*

93-3 **Food Insecurity and the Opioid Crisis**

Colleen Heflin, *Syracuse University*; Xiaohan Sun\*, *Syracuse University*

93-4 **Cost of Living Variation, Nonmetropolitan America, and Implications for the Supplemental Poverty Measure**

J. Tom Mueller, *University of Oklahoma*; Matthew Brooks\*, *McGill University*; Jose Pacas, *Kids First Chicago*

**94 Race, Ethnicity, and Families**

CHAIR: Youngmin Yi, *University of Massachusetts Amherst*

DISCUSSANT: Deadric Williams, *University of Tennessee Knoxville*

**5:30 PM-6:45 PM — International 2**

94-1 **The Fatherhood Premium: Racial Differences and Change Over Time**

Jordan Young\*, *University of North Carolina at Chapel Hill*

94-2 **The New Great Migration and Black Marriage Patterns in the South**

Chanell Washington\*, *U.S. Census Bureau*; Laquitta Walker, *U.S. Census Bureau*

94-3 **The Demographic and Socioeconomic Consequences of Restricting Access to Marriage for Young Migrants in Denmark**

Bojana Cuzulan, *Rockwool Foundation*; Peter Fallesen\*, *Rockwool Foundation*; Marie Louise Schultz-Nielsen, *Rockwool Foundation*

94-4 **Moving to Love: Migration and Intersectional Approaches to Explaining Interracial Marriage in Brazil**

Chinyere Osuji\*, *Rutgers University*

**95 Parenting Responses to Policy**

CHAIR: Sven Wilson, *Brigham Young University*

DISCUSSANT: Jocelyn Wikle, *Brigham Young University*

DISCUSSANT: Jane Lankes, *Penn State*

**5:30 PM-6:45 PM — M102**

95-1 **Local Welfare State Spending and Educational Gaps in Parental Time With Children**

Margot Jackson\*, *Brown University*; Haoming Song, *Brown University*; Ariel Kalil, *University of Chicago*

95-2 **To Work or Not to Work: How Parenting Affects Employment Decisions of Divorced Mothers in Wisconsin**

Trisha Chanda\*, *University of Wisconsin–Madison*

95-3 **The Earned Income Tax Credit (EITC) and Informal Caregiving for Adult Family Members: Examining Effects on Time Allocation**

Anna Wiersma Strauss\*, *Syracuse University*

95-4 **The Minimum Wage and Parent–Child Time**

Taryn Morrissey\*, *American University*

## 96 Adolescent Contraception

*CHAIR: Martin Bangha, African Population & Health Research Center*

*DISCUSSANT: Mobolaji Ibitoye, The Ohio State University*

**5:30 PM-6:45 PM — M109**

- 96-1 **Contraceptive Use and Discontinuation Among Adolescent Women in 55 Low- and Middle-Income Countries**  
Clara Busse\*; Katherine Tumlinson, *University of North Carolina at Chapel Hill*
- 96-2 **Understanding the Link Between Hormonal Contraception Use and Anemia Among Adolescent Girls and Young Women: Results From a Multi-country Analysis**  
Christina Misunas\*, *Population Council*; Michelle Hindin, *Evidence 4 Global Impact*
- 96-3 **Differences in Quality of Care Received by Age and Contraceptive-Use Dynamics Among Young Mothers in India**  
Elizabeth Tobey\*, *Population Council*; Aparna Jain, *Population Council*
- 96-4 **Adolescent Mothers in Eastern and Southern Africa: An Overlooked and Uniquely Marginalized Subpopulation in the Fight Against HIV**  
Ali Groves\*; Luwam Gebrekristos, *Drexel Dornsife School of Public Health*; Patrick Smith, *Drexel Dornsife School of Public Health*; Kirsten Stoebenau, *University of Maryland*; Marie Stoner, *RTI - Women's Health Imperative*; Wole Ameyan, *World Health Organization*; Alex Ezech, *Drexel University*

## 97 Unmet Need and Contraceptive Preferences

*CHAIR: Mieke Eeckhaut, University of Delaware*

*DISCUSSANT: Subasri Narasimhan, Emory University*

**5:30 PM-6:45 PM — M106**

- 97-1 **Stop or Switch? Correlates of Terminating Contraceptive Use While Desiring to Avoid Pregnancy in 47 Low- and Middle-Income Countries**  
Dana Sarnak\*, *Johns Hopkins Bloomberg School of Public Health*; Sarah Bradley, *Abt Associates*; Kaitlyn Patierno, *Population Reference Bureau*; Eve Brecker, *Population Reference Bureau*; Alison Gemmill, *Johns Hopkins Bloomberg School of Public Health*
- 97-2 **Meeting Contraceptive Preferences: A Counterfactual Analysis**  
Joseph Potter\*, *University of Texas-Austin*; Kristen Burke, *University of Texas at Austin*; Michelle Eilers, *University of Texas at Austin*; Daniel Powers, *University of Texas at Austin*
- 97-3 **Measurement of Unmet Need for Family Planning: A Counterfactual Approach**  
Mahesh Karra\*, *Frederick S. Pardee School of Global Studies, Boston University*

97-4

## Prevalence and Factors Associated With Use of Nonpreferred Family Planning Methods Among Reproductive-Aged Women in Burkina Faso

Brooke Bullington\*; Leigh Senderowicz, *University of Wisconsin-Madison*; Nathalie Sawadogo, *Université Joseph Ki-ZERBO*; Ana Langer, *Harvard T.H. Chan School of Public Health*; Abdramane Soura, *Université Joseph Ki-ZERBO*; Pascal Zabre, *Centre de Recherche en Santé de Nouna*; Ali Sie, *Centre de Recherche en Santé de Nouna*

## 98 Economic Inequality in Fertility and Contraceptive Use

*CHAIR: Sarah Hayford, The Ohio State University*

*DISCUSSANT: Anna Rybińska, Duke University*

**5:30 PM-6:45 PM — International 7**

- 98-1 **Wealth and Marital Fertility at the Onset of the Demographic Transition in the United States**  
Martin Dribe\*, *Lund University*; J. David Hacker, *University of Minnesota*; Jonas Helgertz, *University of Minnesota/Lund University*
- 98-2 **Economic Uncertainty and Fertility in the Contemporary United States**  
Kristen Burke\*, *University of Texas at Austin*
- 98-3 **Casino-Based Cash Transfers and Fertility Among the Eastern Band of Cherokee Indians in North Carolina: A Time-Series Analysis**  
Parvati Singh\*, *The Ohio State University*; Alison Gemmill, *Johns Hopkins Bloomberg School of Public Health*; Tim-Allen Bruckner, *University of California, Irvine*
- 98-4 **Who Is Ordering Abortion Pills Online During COVID-19? Economic Factors and Request for Medication Abortion via an Online Telemedicine Service**  
Dana Johnson\*

## 99 Flash: Race, Ethnicity, Nativity, and Population Health

*CHAIR: Boroka Bo, University of Essex*

**5:30 PM-7:00 PM — International 5**

- 99-1 **An Immigrants' Paradox in Mental Health? A Life Course Approach**  
Claudia Brunori\*
- 99-2 **Social Disparities in Mental Health Trajectories From Middle to Later Life: The Intersecting Consequences of Race/Ethnicity, Nativity, Gender, and Age**  
Jingwen Liu\*, *University of Maryland*; Zhiyong Lin, *University of Texas at Austin*
- 99-3 **Care Needs and Arrangements of Aging Immigrants in the United States**  
Zohra Ansari-Thomas\*

99-4 **The Role of Country of Birth and Residence in Health Disparities: Evidence From Disability Prevalence Among Island- Versus Mainland-born Puerto Ricans**  
Mara Sheftel\*, Pennsylvania State University; Frank Heiland, Baruch College, CUNY

99-5 **The Relationship Between Metabolic Health and Mortality Among Older Hispanics in the United States and Mexico**  
Maria Carabello\*, University of Michigan

99-6 **BMI Among New U.S. Immigrants: Skin Tone, Racial/Ethnic, and Gender Differences**  
Matthew Painter\*, University of North Texas; Jennifer Tabler, University of Wyoming

99-7 **Changes in Smoking Prevalence From Adolescence to Adulthood Among Asian Americans: Evidence of Selective Acculturation Across Gender**  
Zobayer Ahmmad\*, Kaiser Permanente Northern California; Daniel Adkins, University of Utah; Kim Korinek, University of Utah; Ming Wen, University of Utah

## 100 Flash: Immigration Policy and Enforcement Climates: Micro- and Macro-Level Perspectives

CHAIR: Molly Dondero, American University

**5:30 PM-7:00 PM — International 6**

100-1 **The Effects of Immigration Restrictions: Evidence From Chinese Exclusion**  
Hannah Postel\*, Princeton University

100-2 **Sanctuary Policies and Immigrations and Customs Enforcement (ICE) Arrests: Which Sanctuary Policies Have the Greatest Impact on Arrest Rates?**  
Chenoa Allen\*, University of Missouri; Isabel Anadon, University of Wisconsin-Madison

100-3 **Immigrant Enforcement and Local Housing Dynamics: Evidence From the Largest Worksite ICE Raid**  
Matthew Hall\*, Cornell University; Christian Hess, Cornell University

100-4 **Put on ICE? Effects of Immigration Raids on the Animal Slaughtering and Processing Sector**  
Pia Orrenius\*, Federal Reserve Bank of Dallas; Madeline Zavodny, University of North Florida

100-5 **Immigrants at the Crossroads: Have Restrictive Immigration Policies Reinforced Social Friction Across the United States?**  
Juan Pedroza\*, University of California, Santa Cruz

100-6 **Racial-Ethnic, Nativity, and Legal Status Disparities in Health and Health Care: The Role of Local Immigration Enforcement**  
Courtney Boen, University of Pennsylvania; Rebecca Schut\*, University of Pennsylvania; Nick Graetz, Princeton University

100-7 **Building Trust With Hispanic Youth: Evidence From Sanctuary Polices and School Bullying**  
Catalina Amuedo-Dorantes\*, University of California, Merced; Esther Arenas-Arroyo, Vienna University of Economics and Business (WU)

## 101 New Immigrant Destinations in Global Perspective

CHAIR: Zai Liang, State University of New York at Albany

DISCUSSANT: Chenoa Flippen, University of Pennsylvania

**5:30 PM-6:45 PM — M105**

101-1 **The Typology of Immigrant Destinations in the United States: A Spatiotemporal Perspective**  
Bianca Wirth\*, The Pennsylvania State University; Guangqing Chi, Pennsylvania State University

101-2 **Labor Market Competition and Attitudes Toward Immigrants: The Cases of Singapore and South Korea**  
Zeewan Lee\*; Joelle Fong, National University of Singapore

101-3 **Deportation in New Destinations: Examining Regional Variation in Immigration Court Decisions**  
Christopher Levesque\*, University of Minnesota

101-4 **Openness to Migrate Internationally for a Job: Evidence From LinkedIn Data**  
Daniela Perrotta\*; Sarah C. Johnson, Max Planck Institute for Demographic Research; Tom Theile, Max Planck Institute for Demographic Research; Andre Grow, Max Planck Institute for Demographic Research; Helga de Valk, NIDI/Vrije Universiteit Brussel; Emilio Zagheni, Max Planck Institute for Demographic Research

## 102 Measurement of Mortality

CHAIR: Luca Maria Pesando, Department of Sociology and Centre on Population Dynamics, McGill University

DISCUSSANT: Sonja Spitzer, University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)

**5:30 PM-6:45 PM — M101**

102-1 **Measuring Maternal Mortality With Dual Survey-Census Method: An Optimal Balanced Method of Maternal Mortality Estimation in Developing Country Settings**  
Saifuddin Ahmed\*, Johns Hopkins University; Linnea Zimmerman, Johns Hopkins Bloomberg School of Public Health; Mahari Yihdego, Addis Ababa University; Assefa Seme Deresse, Addis Ababa University; ARISH QAMAR

102-2 **Hindu-Muslim Mortality Differences in India, 1990–2019**  
Nazar Khalid\*, University of Pennsylvania; Aashish Gupta, Population Studies Center, University of Pennsylvania; Payal Hathi, University of California, Berkeley; Sangita Vyas, University of Texas at Austin

102-3 **Sex Differences in Life Expectancy in Kerala**  
Sneha Mani\*, *University of Pennsylvania*; Sneha Mani, *University of Pennsylvania*

102-4 **What Drives Maternal Mortality Changes? Decomposing the Variation in Maternal Mortality in Brazil and Its States**

Rafaella Carnevali, *Cedeplar - Federal University of Minas Gerais*; Marcia Castro, *Harvard University*; Bernardo Queiroz\*, *CEDEPLAR*; Giovanny França, *Ministério da Saúde*; Denise Porto, *Ministério da Saúde*

## 103 Who and What We Lose: The Causes and Consequences of Structural Racism

CHAIR: Hedwig Lee, *Washington University in St. Louis*

DISCUSSANT: Savannah Larimore,

**5:30 PM-6:45 PM — International 1**

103-1 **Racial Inequality in the Publication of Quantitative Sociology: An Illustrative Case Study**  
Jesse Shircliff\*, *Utah State University*; J. Tom Mueller, *University of Oklahoma*; Guadalupe Marquez-Velarde, *Utah State University*

103-2 **Missing Persons, Race, and Social Disadvantage**  
Kiara Douds\*, *New York University*; Matthew Wolfe, *New York University*

103-3 **Black Lives: The High Cost of Segregation**  
Robynn Cox\*, *University of Southern California*; Jamein Cunningham, *Cornell University*; Alberto Ortega; Kenny Whaley, *University of Houston*

103-4 **Neighborhood Racial and Economic Composition Predicts Risk of Police Killing**  
Karl Vachuska\*; Brian Levy, *George Mason University*

## 104 The Future of Publishing in the Population Sciences

CHAIR: Mark Hayward, *University of Texas at Austin*

**5:30 PM-6:45 PM — International 3**

104-1 **Panelist**  
Stephen Matthews\*, *Pennsylvania State University*

104-2 **Panelist**  
Corey Sparks\*, *University of Texas at San Antonio*

104-3 **Panelist**  
Sara Curran\*, *University of Washington*

104-4 **Panelist**  
Raya Muttarak\*, *International Institute for Applied Systems Analysis*

104-5 **Panelist**  
Joshua Wilde\*, *Max Planck Institute for Demographic Research*

## Penn State's Population Research Institute Reception

**6:00 PM-10:00 PM — L401**

## Early Career Demographers' Reception

**6:30 PM-8:30 PM — M301**

## Applied Demography Reception

**6:30 PM-8:30 PM — L404**

## Institute for Social Research (ISR) Reception

**6:45 PM-8:00 PM — L507**

## GPAC Reception

**7:45 PM-9:00 PM — L506**

## Memorial Service

**8:30 PM-10:30 PM — International 10**



## Registration/Vaccination Stations Open

7:00 AM-4:00 PM — Marquis Foyer

## Applied Demography Breakfast

7:00 AM-8:30 AM — M301

## Exhibit Hall Open

8:00 AM-4:15 PM — Marquis Ballroom

### P5 Migration, Urbanization, Neighborhoods, Race and Ethnicity

8:00 AM-9:30 AM — Marquis Ballrooms A-D (Posters)

#### P5 How Does Place Matter? Geographic Variation in Sense of Community Belonging and Health

Joseph Clark\*, *University of Wisconsin–Madison*; Michal Engelman, *University of Wisconsin–Madison*; Kristen Malecki

#### P5 Immigrant Health in an Era of Migration Control: Time Variation in Immigrant and U.S.-born Self-rated Health in the United States, 1998–2018

Fatima Touma\*, *University of North Carolina at Chapel Hill*

#### P5 Psychological Distress Among U.S. Latinx Adults in 2020: Disentangling the Immigration Policy, Sociopolitical Context, and COVID-19 Specific Factors

Eileen Díaz McConnell, *Arizona State University*; Connor Sheehan, *Arizona State University*; Angelica Lopez\*

#### P5 The Plight of Displaced Rohingyas From Myanmar to India

ARISH QAMAR\*; Dipti Govil, *International Institute for Population Sciences, Mumbai, India*

#### P5 Access to Housing by Migrant Population in Montevideo

Victoria Prieto-Rosas\*; Julieta Bengochea; Camila Montiel, *University of the Republic*

#### P5 International Migration and Trade Nexus: The Case of Russia

Asiya Validova\*, *University of Texas at San Antonio*

#### P5 The Use of Security Deposits as a Residential Sorting Mechanism: A Computational Text Analysis of Craigslist Rental Listings

Remy Stewart\*, *Cornell University*; Christian Hess, *Cornell University*; Ian Kennedy, *University of Washington*; Kyle Crowder, *University of Washington*

#### P5 Urban Migration and Wages: Evidence From Childhood Migration in Brazil

Raoul van Maarseveen\*

#### P5 Debt Migration: Understanding Its Origins and Pervasiveness

Tatiana Padilla\*

#### P5 Estimating the Average Treatment-on-the-Treated Effects of the DACA Program

Andres Mira\*

#### P5 A Gendered (R)evolution: Intergenerational Educational Attainment Among Children of Immigrants Across the Twentieth Century

Kendal Lowrey\*, *The Pennsylvania State University*

#### P5 Heterogenous Effects of Return Migration on Children's Mental Health and Cognitive Outcomes

Ted London; Qiao Li\*, *Xi'an Jiaotong University*

#### P5 Migration From the United States: Spatio-temporal Variation Within Mexican Municipalities

Claudia Masferrer, *El Colegio de México*; Emerson Baptista, *Asian Demographic Research Institute (ADRI)*; Victor Garcia-Guerrero\*, *El Colegio de Mexico*

#### P5 Migration of Adult Children and Associated Depression Among Older Adults: A Cross-Sectional Gender Analysis From LASI, 2017–2018

Muhammad T.\*, *International Institute for Applied Systems Analysis (IIASA)*

#### P5 Moving Closer for the Grandchild? Fertility and Geographical Proximity of Mothers and Daughters in Belgium

Roberta Rutigliano\*, *Groningen University*; Christine Schnor, *KU Leuven*; Zuzana Zilincikova

#### P5 Fallout From the Public Charge Rule: Unenrollment and Disenrollment in SNAP and Medicaid

Cynthia Pando\*, *University of Minnesota*; Jack DeWaard, *University of Minnesota, Twin Cities*

#### P5 Mutation in West Bengal's Migration Pattern: Bengalis Looking South

RABIUL ANSARY\*



- P5 **Immigrant Youth and Home Leaving: The Role of Parent–Child Relationships**  
Siriruy Methakitwarun\*, *Florida State University*
- P5 **What Languages Does the United States Speak? A Geographic Analysis of the Languages Spoken in the United States**  
Erik Hernandez\*, *U.S. Census Bureau*; Sandy Dietrich, *U.S. Census Bureau*; Kurt Bauman, *U.S. Census Bureau*
- P5 **The Effects of Migration on the Religiosity of Neighbors and Kin Who Stay Behind**  
Emma Labovitz\*; Austin Vo; Lisa Pearce, *University of North Carolina at Chapel Hill*; Jacqueline Hagan, *University of North Carolina at Chapel Hill*
- P5 **Social Mobility Over Lifetime Migration**  
Zhenxiang Chen\*, *University of California, Los Angeles*
- P5 **Plans for Alternative Destinations? Social Networks Factors and the Selection of Destination Among Urban Refugees and Asylum Seekers in Uganda**  
Francis Anyanzu\*, *University of the Witwatersrand*; Nicole DeWet\_Billings, *University of the Witwatersrand*
- P5 **Return Migration to Home Country: A Systematic Literature Review**  
Cecilia Fortunato\*; Andrea Iacobucci, *Region of Emilia Romagna*
- P5 **Rooted America: Immobility and Segregation of the Inter-County Migration Networks**  
Peng Huang\*; Carter Butts, *University of California, Irvine*
- P5 **Diverging Trajectories of Union and Child-birth Transition Among the Second-Generation Young Adults in France: Origin-Country Cultural Norms and Race Differences**  
Ka U Ng\*
- P5 **Labor Market Returns to Cultural Capital: Origin-Country Cultural Distance and Immigrant Earnings in the United States**  
Qian He\*, *University of Wisconsin-Madison*; Theodore Gerber, *University of Wisconsin–Madison*; Yu Xie, *Princeton University*
- P5 **Consequences of COVID-19 Among Refugees in Uganda**  
Elizabeth Nansubuga\*, *Makerere University*
- P5 **Subjective Well-being and the Quality of the Neighborhood: A Comparison Between Immigrants and Natives in Europe**  
Elena Ambrosetti, *University La Sapienza*; Angela Paparusso\*, *Institute for Research on Population and Social Policies*
- P5 **Exposure to Extreme Weather Events and Migration Intentions**  
Elizabeth Frankenberg, *University of North Carolina at Chapel Hill*; Nathan Dollar, *University of North Carolina at Chapel Hill*; Anna Gardner; Rene Iwo, *University of North Carolina at Chapel Hill*; Nikhil Kothehal, *University of North Carolina at Chapel Hill*; Bethany Stoutamire\*, *University of North Carolina, Chapel Hill*
- P5 **Economic Integration of Temporary and Permanent Migrants: From Migrant to Return Migrant Over the Life Course**  
Zhenxiang Chen\*, *University of California, Los Angeles*
- P5 **Origin Country Information and Immigrant Behavior: Evidence From the COVID-19 Pandemic in the United States**  
Stephanie Kang\*, *Brown University*
- P5 **Assessing Land-Use Efficiency (Sustainable Development Goal 11.3.1) in Peri-Urban Villages of Gujarat, India: A Monocentric Model Synergizing Satellite and Census Data**  
Ankit Sikarwar\*, *Institut National d'Études Démographiques (INED)*; Aparajita Chattopadhyay, *International Institute for Population Sciences*; Ritu Rani, *International Institute of Population Sciences (IIPS)*
- P5 **Occupational Mobility and Self-employment Among the Gulf Return Migrants in Murshidabad District, India**  
SNIGDHA BANERJEE\*
- P5 **Labor Market Participation and High Educational Attainment as Drivers of Intergenerational Convergence in the Fertility of Immigrant Descendants in Spain**  
Jesús García-Gómez\*; Alberto del Rey, *Universidad de Salamanca*; Mikolaj Stanek, *Universidad de Salamanca*; Chiara Dello Iacono, *Universidad de Salamanca*
- P5 **The Effect of Policy Imbrication on Migrant Health: A European Cross-National Examination, 2010–2018**  
Zachary Franzoni\*, *University of Utah*
- P5 **Social Mobility Across the Pacific: Examining Socioeconomic Status Transmission Among Three Generations of Japanese and Japanese Immigrants**  
Tate Kihara\*, *Brown University*
- P5 **The Intersection of State-Level Immigrant Policy Climates and Medicaid Expansion: An Examination Among Immigrants**  
Claire Altman\*, *University of Missouri, Columbia*; Molly Dondero, *American University*; Christal Hamilton, *University of Missouri, Columbia*

- P5 **Demographic and Economic Implications of Immigration Policy Options for the U.S. Future**  
Guizhen Ma\*, Erin Hofmann, *Utah State University*; Annie Laurie Hines; Jack Goldstone, *George Mason University*; Justin Gest, *George Mason University*
- P5 **Prejudice Specifically Defined: Predictors of Group-Specific Racial/Ethnic Attitudes in the United States**  
Christopher Maggio\*, *London School of Economics and Political Science*
- P5 **Migrant Exposure and Monetary Remittances on Child Health in Latin American Countries: A Review**  
Sophia Piral Lee\*, *University of Missouri*; Claire Altman, *University of Missouri, Columbia*; Stephanie Howe Hasanali, *Pennsylvania Department of Health*
- P5 **Online Social Integration of Migrants: Evidence From Twitter**  
Jisu Kim\*, *Max Planck Institute for Demographic Research*; Soazic Elise Wang Sonne, *World Bank*; Kiran Garimella; Andre Grow, *Max Planck Institute for Demographic Research*; Ingmar Weber, *Qatar Computing Research Institute*; Emilio Zagheni, *Max Planck Institute for Demographic Research*
- P5 **International Labor Migration and Economic Development: Evidence From Bangladesh**  
Mahreen Khan\*
- P5 **The Long-Term Effects of Housing Insecurity on Physical and Mental Health in Young Adulthood**  
Mary Roberts\*, *Pennsylvania State University*; Andrew Fenelon, *Pennsylvania State University*
- P5 **Left-Behind Children in Rural China: Nutrition and Health**  
Jiahui Xu\*, *Pennsylvania State University*
- P5 **Citizenship Status and Immigrant Children's Socioeconomic Outcomes in Adulthood**  
Leafia Ye\*, *University of Wisconsin–Madison*
- P5 **How and Why Do Intentions to Naturalize Evolve Over Time?**  
Aurélie Pont\*
- P5 **Supplemental Poverty and Recent Migration**  
Kalee Burns\*
- P5 **An Analysis of Mixed Marriages in Nineteenth-Century Tasmania**  
Isabelle Cherklesly\*, *Monash University*
- P5 **Selecting Refugees for Sponsorship: Transnational Networks, Social Capital, and Policy Constraints**  
Ian Van Haren\*, *McGill University*
- P5 **The Race to Exclude: Residential Growth Controls in California Cities, 1970–1992**  
Joe LaBriola\*, *Brown University Population Studies and Training Center*
- P5 **The Association Between Previous Immigration Status and Self-reported Health Among Newly Legalized Legal Permanent Residents**  
Josefina Flores Morales\*, *University of California, Los Angeles/California Center for Population Research*
- P5 **Ride-Sharing and Deaths in Traffic: The Case of Uber in Brazil**  
Rafael Zago\*
- P5 **Census Unbound: Geolocating the Complete 1990, 2000, and 2010 U.S. Censuses to Support Time-Invariant Geographies**  
James Gaboardi\*, *Oak Ridge National Laboratory*; Christopher Fowler, *Penn State University*; Jonathan Schroeder, *Minnesota Population Center, University of Minnesota*; David Van Riper, *Minnesota Population Center, University of Minnesota*
- P5 **Unmet Need for Treatment-Seeking From Public Health Facilities in India: An Analysis of Sociodemographic, Regional, and Disease-Wise Variations**  
Jeetendra Yadav\*, *National Institute of Medical Statistics, Indian Council of Medical Research*; rajaram yadav; Chander Shekhar, *International Institute for Population Sciences (IIPS)*
- P5 **Population Composition and Neighborhood Contact: How Does Local Hostility or Hospitality Moderate Their Impact on Migrants' Well-being?**  
Michaela Sedovic\*
- P5 **Examining the Impact of Neighborhood Deprivation on Obesity Prevalence**  
Lauren Giurini\*; Shaneda Warren Andersen, *University of Wisconsin-Madison*
- P5 **Uneven Vulnerability: Characterizing Population Composition and Change in the Low Elevation Coastal Zones in the United States With a Climate Justice Lens, 1990–2020**  
Daniela Tagtachian\*; Deborah Balk, *CUNY Institute for Demographic Research*; Kytt MacManus, *CIESIN, Columbia University*
- P5 **Racial Age Gaps and Political Partisanship: An Investigation of Consolidated Cleavages at Multiple Spatial Scales**  
Christina Nelson\*, *New York University*
- P5 **Kin Support and Residential Mobility**  
Elizabeth Ackert\*, *University of California, Santa Barbara*; Amy Spring, *Georgia State University*; Allegra Cockburn, *University of California, Santa Barbara*; Thomas Fullagar, *University of California, Santa Barbara*; Kyle Crowder, *University of Washington*; Nicole Kravitz-Wirtz, *Population Studies Center, University of Michigan*

- P5 **Historical Redlining and Food Environments: A Study of 102 U.S. Urban Areas**  
Min Li\*
- P5 **Does Neighborhood-Level Gentrification Contribute to a Relative Measure of School Segregation?**  
Sarah Roche\*
- P5 **Race, Class, and Community Under Lock-down: Did Visits to Formal Community Organizations Decline Differently by Neighborhood Race and Socioeconomic Status During the COVID-19 Pandemic in Los Angeles County?**  
Nicholas DiRago\*, *University of California, Los Angeles*
- P5 **A House-Centered Approach to Measuring Segregation**  
Robert Manduca\*
- P5 **Fear of Victimization, Education, and Neighborhood Dynamics**  
Allison Dwyer Emory, *University at Buffalo*; Zaque Evans\*, *University At Buffalo, Department of Sociology*
- P5 **Internal Migration Profile and Spatial Distribution of Health Care Workers in the United States, 2005–2019**  
Jingqiu Ren; Dylan Nguyen\*, *Rice University*; Ernesto Amaral, *Texas A&M University*
- P5 **Troubling the Tract: Measuring Neighborhood Effects on Airborne Lead Exposure Using School Attendance Zone Boundaries**  
Ruth Buck\*; Billy Southern; Christopher Fowler, *Penn State University*; Erica Frankenberg, *The Pennsylvania State University*; Sarah Asson, *The Pennsylvania State University*
- P5 **The Unintended Consequences of Seattle’s Minimum Wage on Establishment Decisions**  
Hoyoung Yoo\*; Sharada Dharmasankar
- P5 **Race and Ethnicity Disparities in Residential Mobility and Locational Attainment Between Urban and Suburban Neighborhoods in Fragile Families**  
Emily Miller\*, *Princeton University*
- P5 **Urban Shrinkage in India: Patterns, Drivers, and Consequences**  
Nawaj Sarif\*; Sruthi Anilkumar Hemalatha; Archana Roy, *International Institute for Population Sciences*
- P5 **Measuring and Modeling Perceptions of Change in Neighborhood Safety: Evidence From Detroit**  
Lydia Wileden\*
- P5 **The Interactions Between Access to Health Care and Child Health in Rural Kenya**  
Grace Cooper\*, *University of Minnesota*; Elizabeth Boyle, *University of Minnesota*
- P5 **Black Babies Matter: An Intersectional Analysis of Preterm Birth Risk Among Black Mothers**  
Courtney Williams\*; Rhiannon Kroeger, *Louisiana State University*
- P5 **Is India’s Second Largest Population the Most Marginalized? Evidence From a Composite Marginalization Index Approach**  
Manzoor Malik\*
- P5 **Racialized Place-Making: An Investigation Into the Creation of HOLC’s Residential Security Maps**  
Megan Evans\*, *Pennsylvania State University*
- P5 **Racial Differences in Psychological Distress and Obesity Between Black and White women: The Role of Social Cohesion**  
Nicole Fields\*
- P5 **Family Reunion and Poverty: A Semi-Longitudinal Analysis of the Swiss Case**  
Juan Galeano\*, *Centre d’Etudis Demografics*; Roxane Gerber, *Université de Genève*
- P5 **Declining Incarceration Rates, Race, and Lifetime Risks Revisited**  
Jason Robey\*, *University of Wisconsin-Madison*; Michael Mas-soglia; Michael Light, *University of Wisconsin Madison*
- P5 **Interracial Relationships and Parent–Child Bonds**  
Lin Ang\*
- P5 **Preexisting Anti-Asian Sentiment and Eventual Racialized Depictions of COVID-19: Evidence From Google Trends Searches**  
Sepideh Modrek, *San Francisco State University*; Bozhidar Chakalov\*, *University of California, Davis*
- P5 **Driver’s License Suspensions, Social Compliance, and the Reproduction of Racial Inequality**  
Maureen Waller\*, *Cornell Univeristy*; Nathan Robbins, *Cornell University*; Peter Rich, *Cornell University*
- P5 **A Study of Intergenerational Gender Disparities in Education Among Weaver’s Community of Varanasi, India**  
Laeek Ahemad Siddiqui\*, *International Institute for Population Sciences Mumbai*

- P5 **But What About the Schools? How Racial Composition Influences Parents' Preferences for Neighborhoods and Schools**  
Elly Field\*, *University of Michigan*
- P5 **Examining the Healthy Immigrant Paradox in Perinatal Outcomes: Evidence From Perinatal Surveys in France**  
Tatiana Eremenko\*, *Spanish National University of Distance Education (UNED)*
- P5 **Attitudes Toward Marrying Whites, Blacks, Hispanics, and Asian Americans in Contemporary America**  
Ting-Syuan Lin\*, *University of Illinois at Urbana-Champaign*
- P5 **Premarital Cohabitation and Marital Dissolution: Differences by Couples' Joint Race/Ethnicity**  
Kate Choi\*, *University of Western Ontario*; Rachel Goldberg, *University of California Irvine*
- P5 **Indigenous U.S. Citizen Migrants Are Penalized in the Mexican Labor Market**  
María Coria Ortega; Claudia Masferrer\*, *Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México*
- P5 **A New Approach for Quantifying Structural Racism and Discrimination With an Application to Alzheimer's Disease Risk**  
Igor Akushevich, *Duke University*; Arseniy Yashkin\*, *Duke University*; Julia Kravchenko
- P5 **How Participation in a Middle School Immigrant Newcomer Program Shapes Immigrant Youth's High School Choice**  
Tori Thomas\*; Brian Holzman, *Rice University*; Stephanie Potochnick, *University North Carolina at Charlotte*
- P5 **Interracial Unions in Brazil: The Role of Affirmative Action in Public Higher Education**  
Carolina Aragão\*, *University of Texas at Austin*
- P5 **New Insights on Race and Weathering: Longitudinal Changes in Gestational Age at Birth**  
Puneet Chehal\*, *Rollins School of Public Health, Emory University*; Jay Pearson; Michael Kramer, *Emory University*
- P5 **Cultural Involvement and Preference in Ethnic Accommodation**  
Elwood Carlson\*, *Florida State University*; Feng Hou, *Statistics Canada*
- P5 **Linguistic Segregation in the United States, 1900–1930**  
Evan Roberts\*, *University of Minnesota*; Isabella Ou, *University of Minnesota*
- P5 **Immigrants in Rural America: An Analysis of Household Income by Nativity Status and Race/Ethnicity Within Metropolitan and Regional Contexts**  
Rachel Sparkman\*, *Florida State University*; Kathryn Tillman, *Florida State University*
- P5 **Microsimulation and the Risk of Eviction Among Family Members**  
Yi Wang\*
- P5 **Sick and Tired of Being Excluded: Structural Racism in Disenfranchisement as a Threat to Population Health Equity**  
Patricia Homan\*, *Florida State University*; Tyson Brown, *Duke University*
- P5 **Implementation of the ACA: Releasing Former Prisoners From a High Risk of Death**  
Carmen Gutierrez\*, *University of North Carolina at Chapel Hill*; Evelyn Patterson, *Vanderbilt University*
- 105 Networks and Support Across the Life Course**  
CHAIR: Molly Copeland, *Michigan State University*  
DISCUSSANT: Yan Zhang, *University of Wisconsin-Madison*
- 8:00 AM-9:15 AM — International 4**
- 105-1 **All in the Family? Age, Period, and Cohort Differences in Kinship Ties Among Older U.S. Adults**  
Ellen Compennolle\*, *University of Chicago*; Alyssa Goldman, *Boston College*; Eric Hedberg, *Abt Associates*
- 105-2 **The Role of Social Aspects of Occupation Across the Life Course in Older Adult Loneliness, Depression, and Cognition**  
Mara Sheftel\*, *Pennsylvania State University*
- 105-3 **The Demography of Social Support After War: War Exposure, Family Structure, and Social Support in an Older Vietnamese Cohort**  
Yvette Young\*, *University of Utah*; Nhung Tran, *University of Utah*; Kim Korinek, *University of Utah*; Minh Nguyen, *Institute for Family and Gender Studies*
- 105-4 **Networked Rejuvenation or Networked Deterioration: How Do Young Ties Influence Health in Old Age?**  
Shichao Du\*, *University at Albany-State University of New York*



## 106 Inequality in Birth Outcomes and Early Childhood

CHAIR: Lauren Gaydos, Vanderbilt University

DISCUSSANT: Youngmin Yi, University of Massachusetts Amherst

8:00 AM-9:15 AM — International 7

### 106-1 Family Planning and Children's Human Capital: Experimental Evidence From Urban Malawi

Daniel Maggio, Dyson School of Applied Economics and Management, Cornell University; Mahesh Karra\*, Frederick S. Pardee School of Global Studies, Boston University; David Canning, Harvard T.H. Chan School of Public Health

### 106-2 Job Loss and Intrauterine Growth Restriction: Identification of Critical Trimesters of Exposure

Samantha Gailey\*, University of Minnesota; Laust Mortensen; Tim-Allen Bruckner, University of California, Irvine

### 106-3 Is Early Formal Childcare a Potential Equalizer? How Attending Childcare and Education Centers Affects Children's Cognitive and Socioemotional Skills in Germany

Gaia Ghirardi\*, European University Institute; Tina Baier; Corinna Kleinert, University of Bamberg/Leibniz Institute for Educational Trajectories (LifBi); Moris Triventi, University of Trento

### 106-4 Heterogeneous Parental Responses to Children's Early Health Disadvantages

Alicia Garcia Sierra\*

## 107 Gendered Impact of COVID-19 in the Household

CHAIR: Holly Reed, CUNY Institute for Demographic Research

DISCUSSANT: Yana Kucheva, City College of New York

8:00 AM-9:15 AM — M104

### 107-1 Domestic Burden Amid COVID-19 and Women's Mental Health in Middle-Income Africa

Valerie Mueller\*, Arizona State University; Karen Grepin, University of Hong Kong; Atonu Rabbani, University of Dhaka; Anne Ngunjiri, LVCT Health; Amy Oyekunle, Independent Gender Advisor; Clare Wenham, London School of Economics and Political Science

### 107-2 Gender Disparities in Increased Parenting Time During the Pandemic

Jennifer Augustine\*, University of South Carolina; Kate Prickett, Victoria University of Wellington

### 107-3 A Return to Normal? Shifts in U.S. Parents' Divisions of Domestic Labor Over the Course of the COVID-19 Pandemic

Daniel Carlson\*, University of Utah; Richard Petts, Ball State University

### 107-4 Household Work, Marital Life, and Gender Dynamics During COVID-19: The Case of Brazil

Sneha Kumar\*, Cornell University; Leticia Marteleto, University of Texas at Austin

## 108 Qualitative Methods

CHAIR: Lisa Pearce, University of North Carolina at Chapel Hill

DISCUSSANT: Clare Barrington, University of North Carolina at Chapel Hill

8:00 AM-9:15 AM — International 2

### 108-1 Doubled-up Household Stability and Family Well-being

Hope Harvey\*, University of Kentucky

### 108-2 Land Titling and Marriage in Western Uganda: Using Qualitative Methods to Discover Meaning

Michelle Poulin\*, University of California, Berkeley

### 108-3 The Importance of Other Adults in the New Other America: Improving Survey Measures of Youth's Nonparental Adult Relationships

Rachel Brown-Weinstock\*, Princeton University; Kathryn Edin, Princeton University; Sarah Gold, Princeton University; Megan Kang

### 108-4 Many Cooks in the Kitchen: Iterating a Qualitative Analysis Process Across Multiple Countries, Sites, and Teams

Lauren Suchman\*, University of California, San Francisco; Mandayachepa Nyando, Malawi University of Science and Technology; Serah Gitome, Kenya Medical Research Institute; Alfred Maluwa, Malawi University of Science and Technology; Martha Kamanga, Kamuzu University of Health Sciences; Janelli Vallin, University of California San Francisco; Zachary Kwena, Kenya Medical Research Institute; Louisa Ndunyu, Maseno University; Lynn Atuyambe, Makerere University School of Public Health; Dinah Amongin, Makerere University School of Public Health; Elizabeth Omoluabi, Akena Associates; Ivan Idiidi, Akena Associates; Chioma Okoli, Akena Associates; Ayobambo Jegede, Akena Associates; Shakede Dimowo, Akena Associates; Aminat Tijani, Akena Associates; Grace Nmadu, Akena Associates; Address Malata, Malawi University of Science and Technology; Kelsey Holt



## 109 COVID-19 and Inequality in High-Income Countries

CHAIR: **Valentina Rotondi**, *University of Oxford*

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

DISCUSSANT: **Patrick Präg**, *“Institut Polytechnique de Paris*

**8:00 AM-9:15 AM — International 10**

### 109-1 Workers on the Tightrope: Individual Survival, Communal Safety, and the Distribution of Risk During COVID-19

Elizabeth Breen\*, *University of California, Berkeley*

### 109-2 Education Inequality in Home Environments in the United Kingdom During COVID-19

Ting Shen\*

### 109-3 “COVID-19 Learning Gap Effect” for Young Children in Singapore

Wei-Jun Yeung, *National University of Singapore*; Xuejiao Chen\*, *National University of Singapore*; Jiyeon Lee

### 109-4 Learning Through Internet Lag: Inequalities of Access in the Zoom Era

Peter Fiduccia\*

## 110 Discrimination and Group Gaps

CHAIR: **Shauna Dyer**, *University of Michigan*

DISCUSSANT: **Michelle Maroto**, *University of Alberta*

DISCUSSANT: **TBD Discussant**,

**8:00 AM-9:15 AM — M103**

### 110-1 The GI Bill of 1944 and the Roots of Racial Inequality in Suburban Homeownership

Chinyere Agbai\*, *Brown University*

### 110-2 Inequality Below the Poverty Line Since 1967: The Role of U.S. Welfare Policy

Matthew Desmond, *Princeton University*; Zachary Parolin\*, *Columbia University*; Christopher Wimer, *Columbia University*

### 110-3 Equality Pays: Equal Pay Laws and Women’s Life Choices

Pamela Meyerhofer\*; Wendy Stock, *Montana State University*

### 110-4 The Gender Wage Gap: Job Titles and Work Tasks as a Source of Workplace Inequality

Lynda Laughlin\*, *U.S. Census Bureau*; Megan Wisniewski; Liana Landivar, *Women’s Bureau, U.S. Department of Labor*

## 111 Flash: Poverty, Hardships, and Inequality Research

CHAIR: **Colleen Heflin**, *Syracuse University*

**8:00 AM-9:30 AM — International 6**

### 111-1 The Contribution of Adolescent Sleep to Adult Socioeconomic Status

Sarah James\*, *Cornell University*

### 111-2 Getting By in Precarious Times: Intragenerational Mobility in the Transition to Adulthood

Tom VanHeuvelen\*, *University of Minnesota*; Jessie Himmelstern; Xiaowen Han, *University of Minnesota*

### 111-3 The Role of the Accumulation of Poverty and Unemployment for Health Disadvantages

Annalisa Busetta, *University of Palermo*; Daria Mendola; Emanuela Struffolino, *WZB Berlin Social Science Center*; Zachary Van Winkle\*, *University of Oxford*

### 111-4 Spatial Pattern of Multidimensional and Consumption Poverty in Districts of India

Guru Vasishtha\*, *International Institute for Population Sciences*; Sanjay Mohanty, *International Institute for Population Sciences*

### 111-5 On the Edge: Social Safety Net Generosity and Inequalities in Financial Coping During the COVID Pandemic

Lawrence Berger, *University of Wisconsin–Madison*; Meta Brown, *The Ohio State University*; J. Michael Collins, *University of Wisconsin–Madison*; Rachel Dwyer\*, *Ohio State University*; Jason Houle, *Dartmouth College*; Stephanie Moulton, *The Ohio State University*; Davon Norris; Matthew Pesavento, *The Ohio State University*

### 111-6 Impact of Smoking Cessation on Household Food Security

Kaitlyn Berry\*, *University of Minnesota*; Julia Rivera Drew, *University of Minnesota*; Rachel Widome, *University of Minnesota*

### 111-7 Spatial Dis-Match? New Data Showing Low Wage Workers’ Residential Mobility in a Gentrifying City

J. Lamar Foster, *University of Washington*; Delaney Glass, *University of Washington*; Jose Hernandez, *University of Washington*; Jennifer Romich, *University of Washington*; Christopher Salazar; Valentina Staneva; Mahader Tamene\*, *University of California–Berkeley*

### 111-8 Religious Affiliation and Debt Among U.S. Households

Mackenzie Brewer, *Baylor University*; Tristen Clifton\*

## 112 Families and Health Over the Life Course

CHAIR: Kriti Vikram, National University of Singapore

DISCUSSANT: Bussarawan Teerawichitchainan, National University of Singapore

8:00 AM-9:15 AM — M102

### 112-1 Childhood Abuse and Later-Life Health: Examining the Role of Familial Victim–Perpetrator Relationships

Chioun Lee\*, University of California-Riverside; Soojin Park, University of California-Riverside; Juha Lee, University of California-Riverside

### 112-2 Widowhood and Adult Mortality in India: Evidence From a Follow-up Survey of 104,774 Individuals

Babul Hossain\*, International Institute for Population Sciences; Megan Reed, University of Pennsylvania; Aashish Gupta, Population Studies Center, University of Pennsylvania; Srinivas Goli, University of Western Australia; Kuriath James

### 112-3 Family Caregiving Pathways: Emotional and Physical Health Burdens Among Older Adults in China

Haoshu Duan\*, University of Maryland

### 112-4 Adult Children's Education and Mothers' Psychological Well-being: Do Adult Children's Problems Mediate This Relationship?

Robert Frase\*, Purdue University; Shawn Bauldry, Purdue University; J. Jill Sutor, Purdue University; Megan Gilligan, Iowa State University; Destiny Ogle, Purdue University

## 113 Union Formation and Assortative Mating

CHAIR: Vida Maralani, Cornell University

DISCUSSANT: Florencia Torche, Stanford University

8:00 AM-9:15 AM — International 8

### 113-1 Eight Decades of Educational Assortative Mating

Noah Hirschl\*, University of Wisconsin-Madison; Christine Schwartz, University of Wisconsin-Madison; Elia Boschetti

### 113-2 Gender Asymmetries in Cross-National Marriage in High-Income Countries

Albert Esteve, Centre d'Estudis Demografics; Annika Elwert, Lund University; Ewa Batyra\*, Center for Demographic Studies

### 113-3 What a Difference a Definition Makes: Mismatches in Partner Markets Across Three Decades in Denmark

Emil Simonsen\*; Peter Fallesen, Rockwool Foundation

### 113-4 Beauty-Status Exchange of Mate Selection in China

Wen Liu\*; Jia Yu, Peking University; Yu Xie, Princeton University

## 114 Context in Early Life and Adolescence: Reproductive and Family Planning Outcomes

CHAIR: Orsola Torrissi, The London School of Economics

DISCUSSANT: Alison Gemmill, Johns Hopkins University

8:00 AM-9:15 AM — International 9

### 114-1 Disease Exposure in Early Life Affects Female Reproduction

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

### 114-2 Birth Weight and Subsequent Pregnancy Intention in the Context of Disease Outbreaks

David Mallinson\*, University of Texas at Austin; Leticia Marteleto, University of Texas at Austin

### 114-3 Using the Psychosocial-Acceleration Theory to Examine Associations Between Biological Markers of Adulthood and Sexual Debut Among Youth in an Urban Poor Locality in Accra, Ghana

Adriana Biney, University of Ghana; Laud Sowah\*, University of Ghana

### 114-4 Measuring Provider Bias and Its Effects on Adolescent and Young Adult Sexual Reproductive Health Services

Andrew Corley\*; Nirali Chakraborty, Metrics for Management; Dominic Montagu, Metrics for Management

## 115 High Fertility: Causes, Consequences, Variation

CHAIR: Mary Shenk, Pennsylvania State University

DISCUSSANT: Sara Yeatman, University of Colorado Denver

8:00 AM-9:15 AM — M109

### 115-1 Does Child Mortality Accelerate Parity Progression in High Fertility Context? Evidence From Demographic Surveillance Systems in Rural Tanzania

Colin Baynes\*; Amon Exavery, Pact/Tanzania; Tani Kassimu, Ifakara Health Institute; Jithada Baraka, Ifakara Health Institute; Malick Kante, John Hopkins University School of Public Health; James Phillips, Columbia University Mailman School of Public Health

### 115-2 Revisiting "Family Building by Fate or Design": Country-Level Regressions With United Nations Data

Sergey Ivanov\*, Russian Academy of Sciences

115-3 **Do Fertility Preferences Explain Fertility Stalls in Sub-Saharan Africa? Evidence From Six Countries**

David Sanchez Paez\*, *Université catholique de Louvain*; Bruno Schoumaker, *Université Catholique de Louvain*

115-4 **Desired Fertility in Low- and Middle-Income Countries: New Estimates**

John Casterline\*, *The Ohio State University*; Jason Thomas, *The Ohio State University*; Laila El Zeini, *Cairo University*

**116 Early Life Health in Low- and Middle-Income Countries**

CHAIR: Diane Coffey, *Population Research Center*

DISCUSSANT: Dean Spears, *University of Texas at Austin*

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

8:00 AM-9:15 AM — M106

116-1 **Climate Change, Social Vulnerability, and Child Nutrition in South Asia**

Kathryn McMahon\*, *UCSB*; Clark Gray, *University of North Carolina at Chapel Hill*

116-2 **The Normativity of Lone Motherhood and the Partnership Premium for Children's Birthweight**

Laurie DeRose\*, *The Catholic University of America*; Edmond Shenassa, *University of Maryland, College Park*

116-3 **Sibling Mortality in Developing Countries: A Cross-Regional Analysis of Shared Mortality Risk**

Jonathan Muir\*, *Emory University*; Brian Houle, *The Australian National University*; Samuel Clark, *The Ohio State University*; Solveig Cunningham, *Emory University*

116-4 **Open Defecation, Livestock Ownership, and Child Nutritional Status in India**

Nancy Luke\*, *Pennsylvania State University*; Yubraj Acharya, *The Pennsylvania State University*; Marco Antonio Faytong Haro, *The Pennsylvania State University*; Di Yang, *Pennsylvania State University*; Hongwei Xu, *Queens College*; Winsley Rose, *Christian Medical College*

**117 Impacts of Immigration Policies and Enforcement**

CHAIR: Molly Dondero, *American University*

DISCUSSANT: Margot Moinester, *Washington University in St. Louis*

DISCUSSANT: Maria-Elena De Trinidad Young, *University of California, Merced*

8:00 AM-9:15 AM — M105

117-1 **Effect of an Exclusionary Immigration Policy on Pediatric Emergency Department Visits**

Benjamin MacCormack-Gelles\*, *Harvard T.H. Chan School of Public Health*

117-2 **Siting Surveillance: Place, Deportation Threat, and Institutional Involvement Among U.S. Latinos**

Asad Asad\*, *Stanford University*; Livia Baer-Bositis, *Stanford University*

117-3 **The Tough Road to Asylum: The Role of Metering and Other Restrictive Policies on Unauthorized Migrant Flows**

Catalina Amuedo-Dorantes\*, *University of California, Merced*; Jose Bucheli, *New Mexico State University*

**118 Understudied Contributors to Racial/Ethnic Inequalities in Health and Mortality**

CHAIR: Monica Hernandez,

DISCUSSANT: Lauren Brown, *San Diego State University*

8:00 AM-9:15 AM — M101

118-1 **Eviction and All-Cause Mortality in the United States, 2000–2021: Patterns by Age, Race, and Sex**

Nick Graetz\*, *Princeton University*; Emily Lemmerman, *Princeton University*; Carl Gershenson; Danielle Sandler, *U.S. Census Bureau*; Sonya Porter, *United States Census Bureau*; Matthew Desmond, *Princeton University*

118-2 **Long-Term Associations Between Public Emergency Work and Future Trends in Premature Mortality Across U.S. Counties**

Ivan Mejia\*, *Stanford University*; Sepideh Modrek, *San Francisco State University*; V.S. Periyakoil, *Stanford University*; David Rehkopf, *Stanford University*

118-3 **Black and White Racial Differences in Expected Survival: Optimism Drives the Racial Anomaly**

Shayna Bernstein\*, *Tel Aviv University*; Isaac Sasson, *Tel Aviv University*

118-4 **Discriminatory Police Violence and the Health of Black Mothers and Their Infants**

Valentina Chegwin\*, *Columbia University*; Julien Teitler, *Columbia University*; Felix Muchomba, *Rutgers University*; Nancy Reichman, *Robert Wood Johnson Medical School*

**119 Flash: Geographic Differences in Mortality**

CHAIR: Julia Wolf, *West Virginia University*

8:00 AM-9:15 AM — International 5

119-1 **From Convergence to Divergence: Lifespan Variation in U.S. States, 1959–2017**

Wei Xu\*, *University of Wisconsin–Madison*; Michal Engelman, *University of Wisconsin–Madison*; Jason Fletcher, *University of Wisconsin–Madison*

119-2 **Immigration, Domestic Migration, and Life Expectancy Trends in U.S. States, 1990–2017**  
Ryan Masters\*, *University of Colorado Boulder*; Katherine Craig, *University of Colorado Boulder*

119-3 **This (Precarious) American Life: The Role of U.S. States in Rising Suicide Mortality**  
Daniel Simon\*, *University of Colorado Boulder*

119-4 **Natural Resource Dependence and Population Health in the United States: Patterns and Pathways**  
J. Tom Mueller\*, *University of Oklahoma*; Brian Thiede, *Pennsylvania State University*; Ann Tickamyer, *Penn State*; Kai Schafft, *Pennsylvania State University*; Alan Graefe, *Penn State*

119-5 **The Growing Rural–Urban Divide in U.S. Life Expectancy: Contribution of Cardiovascular Disease and Other Major Causes of Death**  
Leah Abrams\*, *Harvard T.H. Chan School of Public Health*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*; Neil Mehta, *University of Texas Medical Branch at Galveston*

119-6 **Understanding the Hispanic Mortality Paradox: Variation by Country of Origin**  
Katerine Perez, *University of California, Berkeley*; Andrea Miranda González\*, *University of California, Berkeley*; Casey Breen, *University of California, Berkeley*

119-7 **Regional Inequalities in Life Expectancy and Lifespan Variation by Educational Attainment in Spain, 2014–2018**  
Octavio Bramajo\*, *Centre d'Estudis Demografics*; Inaki Permanyer, *Centre d'Estudis Demografics*

119-8 **Solitary Deaths in South Korea: Exploring Individual and Contextual Patterns**  
Jaein Lee\*, *University of Maryland - College Park*; Hyeyoung Woo, *Portland State University*; Philip Cohen, *University of Maryland, College Park*; Myoungjin Lee, *Korea University*

## 120 Immigration, Race, and Ethnicity in the Americas

CHAIR: Catherine Garcia, *Syracuse University*

DISCUSSANT: Juan Pedroza, *University of California, Santa Cruz*

8:00 AM-9:15 AM — International 1

120-1 **Geographic Diversity of Latina/os in the United States: Changes in Immigrant Destinations and the Spatial Patterning of Latina/os, 1970–2019**  
Giovanni Román-Torres\*

120-2 **Measuring the Complex State-Level Socio-political Environment Faced by Black Immigrants in the United States**  
Danielle Crookes\*, *Northeastern University*; Maria Elena Young, *University of California, Merced*

120-3 **Immigrants' Sociocultural Integration Trajectories in Quebec**  
Yao Robert Djogbenou\*, *Université de Montréal*; Visseho Adjivanou, *Université du Québec à Montréal*; Solene Lardoux, *University of Montreal*

120-4 **Migration and Ethnic-Racial Identity: Articulation of Afro-Descendant Identity of Latin American Migrants in Mexico**  
Nydia Navarrete Suárez\*, *Colegio del Mexico*

## 121 Evaluating the Quality of the 2020 Census

CHAIR: Marc Perry, *U.S. Census Bureau*

DISCUSSANT: Constance Citro, *Committee on National Statistics*

8:00 AM-9:15 AM — International 3

121-1 **Demographic Analysis Estimates of Net Coverage Error for the 2020 Census**  
Eric Jensen\*, *U.S. Census Bureau*; Sandra Johnson\*, *U.S. Census Bureau*

121-2 **Highlights from the 2020 Census Operational Quality Metrics**  
Michael Bentley\*, *U. S. Census Bureau*

121-3 **A Review of Issues of Concern in the Reporting of 2020 Census Results in North Carolina**  
Mike Cline\*, *North Carolina Office of State Budget & Management*

121-4 **Miscounts and Error in the 2020 Census: Findings from a Simulation Model**  
Diana Elliott\*, *Urban Institute*; Steven Martin\*, *Urban Institute*

9:00 AM-3:00 PM — L503

## 122 Social Networks and Health

CHAIR: Molly Copeland, *Michigan State University*

DISCUSSANT: Haowei Wang, *Pennsylvania State University*

9:45 AM-11:00 AM — International 4

122-1 **Reciprocal Effects of Depression and Sleep Among Chinese Couples: A Longitudinal Dyadic Analysis**  
Yu Guo\*, *Xi'an Jiaotong University*; Quanbao Jiang, *Xi'an Jiaotong University*

122-2 **Social Disadvantage, Context, and Network Dynamics in Later Life**  
Nan Feng\*

122-3 **Pre-Pandemic Social Network Structure and Mental Health After COVID-19**  
Won-tak Joo\*, *University of California, Berkeley*



122-4 **Women's Autonomy, Social Networks, and Access to Family Planning: Experimental Evidence From India**

S. Anukriti, *The World Bank*; Catalina Herrera Almanza\*, *North-eastern University*; Mahesh Karra, *Frederick S. Pardee School of Global Studies, Boston University*

**123 Fertility Decline and Child Outcomes in Global Perspective**

CHAIR: Fangqi Wen, *Australian National University*

DISCUSSANT: Emily Smith-Greenaway, *University of Southern California*

9:45 AM-11:00 AM — International 7

123-1 **The Relationship Between Birth Spacing and Childhood Mortality in the Context of Fertility Decline: Evidence From Rural Tanzania, 2000–2015**

Colin Baynes\*, Amon Exavery, *Pact/Tanzania*; Tani Kassimu, *Ifakara Health Institute*; Jithada Baraka, *Ifakara Health Institute*; Malick Kante, *John Hopkins University School of Public Health*; James Phillips, *Columbia University Mailman School of Public Health*

123-2 **Fertility and Education Between and Within African Cohorts**

Tom Vogl\*, *University of Texas at Austin*

123-3 **When Do Parents Bury a Child? Uncertainty of Offspring Loss Across the Demographic Transition**

Diego Albrez-Gutierrez\*, *Max Planck Institute for Demographic Research*; Ugofilippo Basellini, *Max Planck Institute for Demographic Research*; Emilio Zagheni, *Max Planck Institute for Demographic Research*

123-4 **Only Children and Cognitive Ability in Childhood: A Cross-Cohort Analysis Over 50 Years in the United Kingdom**

Alice Goisis\*, *University College London*; George Ploubidis, *UCL Centre for Longitudinal Studies*; Jenny Chanfreau; Vanessa Moulton, *University College London*

**124 Gendered Impact of COVID-19 on Labor Force Participation**

CHAIR: Holly Reed, *CUNY Institute for Demographic Research*

DISCUSSANT: Teresa Sullivan, *University of Virginia*

9:45 AM-11:00 AM — M104

124-1 **Who Is the “She” in the Pandemic “She-cession”? Variation in COVID-19 Labor Market Outcomes by Gender and Family Status**

Andrew Taeho Kim, *University of Kansas*; Matt Erickson\*, *University of Kansas*; Yurong Zhang, *University of Kansas*; ChangHwan Kim, *University of Kansas*

124-2 **Women's Labor Force Exits During COVID-19: Differences by Motherhood, Race, and Ethnicity**

Mike Zabeck\*, Katherine Lim, *Federal Reserve Bank of Minneapolis*

124-3 **Gender and Employment Disparities in COVID-19 Impacts on Experienced Well-being**

Liana Sayer\*, *University of Maryland*; Xu Yan; Long Doan; Robert Rinderknecht

124-4 **Telework Did Not Save Us: Motherhood, Work, and a Once-in-a-Century Pandemic**

Misty Heggeness\*, *US Census Bureau*

**125 Life Course Trends, Effects, and Patterns**

CHAIR: Ting-Syuan Lin, *University of Illinois at Urbana-Champaign*

DISCUSSANT: Lucie Kalousova, *Vanderbilt University*

DISCUSSANT: Sohee Shin,

9:45 AM-11:00 AM — International 2

125-1 **Vulnerability and Affluence in Adulthood: A Register-Based Study of Sociospatial Life Course Trajectories From Ages 25–59**

Eva Andersson, *Stockholm University*; Ida Borg; Bo Malmberg\*, *Stockholm University*

125-2 **Incarceration Experience at Older Ages: Does Employment Protect Against Recidivism?**

Piotr Błędowski, *SGH Warsaw School of Economics*; Joanna Felczak, *SGH Warsaw School of Economics*; Ewa Gatecka-Burdziak\*; Marek Góra, *SGH Warsaw School of Economics*

125-3 **Age and Cohort Trends in Formal Volunteering and Informal Helping in Later Life**

Sae Hwang Han\*, *University of Texas at Austin*; Yao-Chi Shih, *National Chung Cheng University*; Jeffrey Burr, *University of Massachusetts Boston*; Changmin Peng, *University of Massachusetts Boston*

125-4 **Heterogeneous Origin and Destination Education Effects on Health Over the Life Course: Evidence From the Panel Study of Income Dynamics**

Liying Luo\*, *Pennsylvania State University*; Lai Wei



## 126 COVID-19 and Inequality in Low- and Middle-Income Countries

CHAIR: Ragui Assaad, *University of Minnesota*

DISCUSSANT: Caroline Krafft, *St. Catherine University*

9:45 AM-11:00 AM — International 10

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### 126-1 Income Loss and Intention to Avoid

#### Pregnancy During the COVID-19 Pandemic

Leticia Marteleto, *University of Texas at Austin*; Molly Dondero\*, *American University*; Luiz Gustavo Sereno; Raquel Zanatta Coutinho, *Centro de Desenvolvimento e Planejamento Regional*

### 126-2 Social Trust, Modern Contraceptive Use, and COVID-19 Knowledge in Three African Countries

Jiao Yu\*, *University of Minnesota-Twin Cities*; Kathryn Grace, *University of Minnesota, Twin Cities*; Elizabeth Boyle, *University of Minnesota*; Matthew Gunther, *University of Minnesota*; Devon Kristiansen, *University of Minnesota*

### 126-3 Impact of COVID-19 on Household Economic Status in India

Pallavi Choudhuri\*, *National Council of Applied Economic Research*; Santanu Pramanik, *National Council of Applied Economic Research*

### 126-4 Poor-ly Managed: Perception of Government Effectiveness and Compliance With COVID-19 Prevention Measures in Slum Communities in Pakistan

Hina Khalid, *Information Technology University*; Izza Aftab, *Information Technology University*; Ashley Fox\*, *University at Albany, SUNY*

## 127 Returns to Education

CHAIR: Alexander Adames, *University of Pennsylvania*

DISCUSSANT: Jennie Brand, *University of California, Los Angeles*

DISCUSSANT: TBD Discussant,

9:45 AM-11:00 AM — M103

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### 127-1 Higher Education and the Black–White Earnings Gap

Xiang Zhou\*, *Harvard University*; Guanghui Pan, *University of Oxford*

### 127-2 Does a College Degree Offset the Wage Penalties Associated With Gender-Essentialized Job Skills?

Vida Maralani, *Cornell University*; Camille Portier\*, *Cornell University*

### 127-3 Occupational Returns to Education in the United States, 1972–2018

Ananda Martin-Caughey\*; Michael Hout, *New York University*

### 127-4 When and For Whom Is College “Worth” It? The Direct and Indirect Effects of Less-Selective College Enrollment on Economic Insecurity

Caitlin Ahearn\*, *University of California, Los Angeles*

## 128 Men in Families

CHAIR: Rhiannon Miller, *Johns Hopkins University*

DISCUSSANT: Ariane Ophir, *Centre for Demographic Studies*

9:45 AM-11:00 AM — M102

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### 128-1 Time for Change: The Cultural Schemas and Temporal (Un)knowns of Fatherhood

Boroka Bo\*, *University of California - Berkeley*

### 128-2 Is It Daddy Time Yet? Men’s Employment Hours During the Transition Into Fatherhood, 1989–2020

Anita Li\*, *University of Wisconsin-Madison*

### 128-3 Do Parental Leave Extensions for Fathers Increase or Decrease Wage Effects?

Kathrin Morosow\*, *University of Manchester*

### 128-4 Trends in Educational Profiles of Male Lone Parents: Evidence From Belgium, 1990–2020

Luisa Fadel\*; Christine Schnor, *Université catholique de Louvain (UCLouvain)*; Diederik Boertien, *Centre for Demographic Studies (CED), Autonomous University of Barcelona*

## 129 Changing Trends in Families

CHAIR: Valarie King, *Pennsylvania State University*

DISCUSSANT: Robert Schoen, *Pennsylvania State University*

9:45 AM-11:00 AM — International 8

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### 129-1 A Descriptive Examination of National and State-Level Marriage Rates in the United States, 1880–2019

Krista Westrick-Payne\*, *Bowling Green State University*

### 129-2 The Graying of Divorce: A Half Century of Change

Susan Brown\*, *Bowling Green State University*; I-Fen Lin, *Bowling Green State University*

### 129-3 Developmental Idealism and a Half Century of Family Attitude Trends in the United States

Keera Allendorf\*, *Indiana University*; Linda Young-De Marco, *University of Michigan*; Arland Thornton, *University of Michigan*

- 129-4 **The Last Bastion Is Falling: Survey Evidence of the New Demographic Reality of Italy**  
 Arnstein Aassve\*, *Bocconi University*; Letizia Mencarini, *Università Bocconi*; Elena Pirani, *Università di Firenze*; Daniele Vignoli, *University of Florence*

### 130 Contraception and Sterilization

CHAIR: Michael Rendall, *University of Maryland-College Park*

DISCUSSANT: Karina Shreffler, *University of Oklahoma Health Sciences Center*

9:45 AM-11:00 AM — International 9

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- 130-1 **Variation in Long-Acting Reversible Contraceptives, Sterilization, and Other Contraceptive Methods by Age and Motherhood**  
 Katherine Graham\*, *Bowling Green State University*

- 130-2 **The Relationship of Ethnicity, Nativity, and Parity in Patterns of Contraceptive Use Among Mexican-Origin Women in the United States and Mexico**

Kate Coleman-Minahan\*, *University of Colorado*; Emily Boniface, *Oregon Health & Science University*; Evelyn Fuentes-Rivera; Biani Saavedra, *Center for Research and Teaching in Economics (CIDE)*; Fernando Riosmena, *University of Colorado Boulder*; Blair Darney, *Oregon Health & Science University*

- 130-3 **How Does Having a Son Influence the Decision to Obtain Female Sterilization Among Indian Women? Evidence From Panel Data**  
 Sneha Lamba\*, *Johns Hopkins Bloomberg School of Public Health*

- 130-4 **Perceptions of Partners' Fertility Preferences and Women's Covert Contraceptive Use in Eight Sub-Saharan African Countries**  
 Dana Sarnak\*, *Johns Hopkins Bloomberg School of Public Health*; Alison Gemmill, *Johns Hopkins Bloomberg School of Public Health*

### 131 Fertility Intentions and Plans in Context

CHAIR: Claudia Geist, *University of Utah*

DISCUSSANT: Claudia Geist, *University of Utah*

DISCUSSANT: Sarah Brauner-Otto, *McGill University*

9:45 AM-11:00 AM — M109

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- 131-1 **Uncertainty and Fertility Intentions: A Comparison Between the Great Recession and the COVID-19 Crisis**  
 Chiara Ludovica Comolli\*, *Stockholm University*

- 131-2 **The Differential Impacts of Contingent Employment on Fertility: Evidence From Australia**  
 Irma Mooi-Reci, *University of Melbourne*; Trong-Anh Trinh\*, *University of Melbourne*; Mark Wooden, *University of Melbourne*

- 131-3 **Climate Extremes and Women's Fertility Intentions: A Comparative Study in Two Areas Hit by Cyclones and Floods in Bangladesh**  
 Khandaker Jafor Ahmed\*, Yan Tan; Dianne Rudd, *The University of Adelaide, Adelaide, Australia*

- 131-4 **Do I Want More if You Help Me? The Impact of Grandparental Involvement on Men's and Women's Fertility Intentions**  
 Roberta Rutigliano\*, *Groningen University*; Mariona Lozano, *Centre for Demographic Studies*

### 132 Sexual Negotiation and Sexual Coercion

CHAIR: Margaret Giorgio, *Guttmacher Institute*

DISCUSSANT: Michelle Eilers, *University of Texas at Austin*

9:45 AM-11:00 AM — M304

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- 132-1 **A Systematic Review of Campus Characteristics Associated With Sexual Violence and Other Forms of Victimization**  
 Yara Tashkandi; Jennifer Hirsch\*, *Columbia University*; Emily Kraus, *Colgate University*; Rachel Schwartz, *Albert Einstein College of Medicine*; Kate Walsh, *University of Wisconsin-Madison*

- 132-2 **The Educational Outcomes of Survivors of Involuntary First Sex: Navigating Cultural Norms About Virginity in Schools**  
 Lindsay Cannon\*, *University of Wisconsin - Madison*

- 132-3 **Moderating International Influence: Human Rights Campaigns, Domestic Intermediaries, and Gender Violence in Malawi**  
 Jeffrey Swindle\*, *University of Michigan*

### 133 Using a Demographic Lens to Understand the Causes and Consequences of Obesity

CHAIR: Toni Falbo, *University of Texas at Austin*

DISCUSSANT: Ginny Garcia, *University of Texas at San Antonio*

9:45 AM-11:00 AM — M106

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- 133-1 **Carrying on the Weight: Parental Separation and Children's Body Mass Index From Childhood to Young Adulthood**  
 Marco Tosi\*, *University of Padua*

133-2 **Race, Early Parental Death, and Obesity Risk in Young Adulthood**

Randi Saunders\*, *The University of Texas at Austin*

133-3 **Individual and Contextual Predictors of Body Mass Index and Waist Circumference in Colombian Adults: A Multilevel Analysis of the National Nutrition Survey, 2015**

Natalia Elvira Poveda Rey\*; Aryeh Stein, *Emory University*

133-4 **Is Obesity a Predictor of Suicide Ideation? An Exploration of the Relationship Between Weight Status and Suicide Ideation Among Young Adults**

Carlyn Graham\*, *The Pennsylvania State University*; Michelle Frisco, *Pennsylvania State University*

**134 Forced Migration and Displacement**

CHAIR: Sarah Staveteig Ford, *U.S. Department of State*

DISCUSSANT: Ellen Kraly, *Colgate University*

9:45 AM-11:00 AM — M105

134-1 **Pathways to a Regular Stay? A Quantitative Perspective on Precarious Legal Status Trajectories Among Asylum-Seekers in Belgium**

Bruno Schoumaker\*, *Universite Catholique de Louvain*; Mireille Le Guen, *Institut National d'Études Démographiques (INED)*; Louise Caron, *Institut National d'Études Démographiques (INED)*; Wanli Nie

134-2 **Settlement Patterns and Desire to Return Among the Internally Displaced: Insights From Ukraine**

Cynthia Buckley\*, *University of Illinois, Urbana Champaign*

134-3 **The Migration of Lynch Victims' Families, 1920–1930**

Ryan Gabriel, *Brigham Young University*; Adrian Haws\*; Amy Bailey, *University of Illinois at Chicago*; Joseph Price, *Brigham Young University*

134-4 **Cumulative Livelihood Shocks and Human Mobility: A Case Study on Nonlinear Migration Responses in Rural Tanzania**

Julia Blocher, *Potsdam Institute for Climate Impact Research (PIK)*; Roman Hoffmann\*, *Wittgenstein Centre for Demography and Global Human Capital*

**135 Flash: Housing Transitions, Instability, and Disparities**

CHAIR: Gregory Sharp, *Dartmouth College*

9:45 AM-11:15 AM — International 6

135-1 **Housing Insecurity and Perceived Health Status: Moderation by Education and Race**

Aarti Bhat\*; Alexis Santos-Lozada, *Pennsylvania State University*; Andrew Fenelon, *Pennsylvania State University*; David Almeida, *The Pennsylvania State University*

135-2 **Segmented Information, Segregated Outcomes: Housing Affordability and Neighborhood Representation on a Voucher-Focused Online Housing Platform and Three Mainstream Alternatives**

Christian Hess\*, *Cornell University*; Rebecca Walter, *University of Washington*; Ian Kennedy, *University of Washington*; Arthur Acolin, *University of Washington*; Alex Ramiller, *University of California–Berkeley*; Kyle Crowder, *University of Washington*

135-3 **Housing Tenure Trajectories in Sweden: A Longitudinal Cohort Study**

Ida Borg\*; Juta Kawalerowicz; Eva Andersson, *Stockholm University*

135-4 **Doubling Up in a Decade of Economic Uncertainty: From the Great Recession to the Pandemic**

Jonathan Vespa\*, *US Census Bureau*; Laryssa Mykyta, *U.S. Census Bureau*

135-5 **Housing Transitions During Cognitive Decline**

Sarah Mawhorter\*, *University of Southern California*; Rachel Wilkie; Jennifer Ailshire, *University of Southern California*

135-6 **Racialized Representations of Neighborhood Quality Across 16 U.S. Metro Areas**

Ian Kennedy\*, *University of Washington*

**136 Flash: Pathways to Infant and Child Health and Mortality**

CHAIR: Rosalind King, *NICHD*

9:45 AM-11:15 AM — International 5

136-1 **Early Arrivals: Maternal Obstetric Factors Responsible for Preterm Birth and Association With Neonatal Mortality in India**

Arup Jana\*, *International Institute for Population Sciences*; Pijush Kanti Khan, *International Institute for Population Sciences*; Kajori Banerjee, *Narsee Monjee Institute of Management Studies*

136-2 **The Inclusion of Stillbirths in Demographic Estimates of Child Mortality**

Payal Hathi\*, *UC Berkeley*

136-3 **Quality of Care and Newborn Survival in Bihar: Identifying Gaps**

SANDHYA MAHAPATRO\*

136-4 **Influences on Perinatal Mortality: New Insights From Historical Data**

Francesco Scalone\*, *University of Bologna*; Julie DaVanzo, *RAND Corporation*

136-5 **Equity Effects of Community-Based Primary Health Care on Under-5 Childhood Morbidity in Ghana: A Decomposition Analysis**

Edmund Wedam Kanmiki\*, *University of Ghana*; ARISH QAMAR; James F. Phillips, *Mailman School of Public Health, Columbia University*; Martin O'Flaherty, *The University of Queensland*

136-6 **Factors Associated With the Change in Vaccination Uptake in Nigeria: A Decomposition Analysis**

Lorretta Ntoimo, *Federal University Oye-Ekiti, Nigeria*; Sunday Abatan\*, *Federal University Oye Ekiti*

136-7 **Child Overdoses Amid the Deaths-of-Despair Epidemic: Racial and Ethnic Differences in Intergenerational and Network Diffusion**

Corina Graif\*, *Pennsylvania State University*; Christopher Seto; Vasant Honavar, *Pennsylvania State University*

136-8 **Tracking Neonatal and Child Mortality and Causes of Death Through an Innovative Sample Registration System: Experience From the Countrywide Mortality Surveillance for Action (COMSA) in Mozambique**

Agbessi Amouzou\*, *Johns Hopkins University, Bloomberg School of Public Health*; Almamy Kante, *Johns Hopkins University, Bloomberg School of Public Health*; Emily Wilson; Alain Koffi, *Johns Hopkins University, Bloomberg School of Public Health*; Abhirup Datta, *Johns Hopkins University, Bloomberg School of Public Health*; Brian Gilbert, *Johns Hopkins University, Bloomberg School of Public Health*; Dianna Blau, *2. Center for Global Health, Centers for Disease Control and Prevention*; Quique Bassat, *ISGlobal, Hospital Clinic, Universitat de Barcelona*; Duce Pedro, *Instituto Nacional de Estadística*; Ivalda Macicame, *Instituto Nacional de Saude*

**137 Racism, Social Justice, and Health and Mortality**

CHAIR: Cynthia Colen, *The Ohio State University*

DISCUSSANT: Taylor Hargrove, *University of North Carolina at Chapel Hill*

9:45 AM-11:00 AM — M101

137-1 **Historical Redlining and Contemporary Racial Disparities in Neighborhood Life Expectancy**

Nick Graetz\*, *Princeton University*; Michael Esposito, *Washington University in St. Louis*

137-2 **Education in the Jim Crow South and Black-White Inequities in Allostatic Load Among Older Adults**

Katrina Walsemann\*, *University of Maryland, College Park and the Maryland Population Research Center*; Jay Pearson, *Duke University*; Emily Abbruzzi, *University of Maryland, College Park*

137-3 **The Interaction Between Immigration Enforcement and Incarceration on Birth Outcomes Among Black and Latinx Women**

Aresha Martinez-Cardoso\*, *University of Chicago*; Alicia Riley, *University of California San Francisco*

137-4 **The Effects of Sex-Selective Abortion Bans on Asian Immigrant Birth Outcomes**

Emma Zang, *Yale University*; Keitaro Okura\*, *Yale University*; Yu Shi, *Yale University*; Jennifer Qu, *Yale University*

**138 Health, Development, and Environment**

CHAIR: Heather Randell, *Pennsylvania State University*

DISCUSSANT: Landy Sánchez Peña, *El Colegio de México*

9:45 AM-11:00 AM — International 1

138-1 **Same Environment, Stratified Impacts? Air Pollution, Extreme Temperatures, and Birth Weight in South China**

Xiaoying Liu, *Population Studies Center, University of Pennsylvania*; Jere Behrman, *University of Pennsylvania*; Emily Hannum\*, *University of Pennsylvania*; Fan Wang; Qingguo Zhao, *Family Planning Special Hospital of Guangdong*

138-2 **Considering Soil Moisture in Models of Climate Impacts on Child Nutrition in Farming-Centric Countries**

Ruthie Burrows\*, *University of Minnesota - Twin Cities*; Kathryn Grace, *University of Minnesota, Twin Cities*; Molly Brown, *University of Maryland, College Park*; Amy McNally, *United States Agency for International Development*

138-3 **The Impacts of Cash Transfers on Household Energy Choices**

Averi Chakrabarti\*; Sudhanshu Handa, *University of North Carolina at Chapel Hill*

**139 Looking to the Future With Applied Demography**

CHAIR: Jason Devine, *U.S. Census Bureau*

DISCUSSANT: Jason Devine, *U.S. Census Bureau*

9:45 AM-11:00 AM — International 3

139-1 **Applied Demography From the Perspective of a Private Sector Demographer**

Sarah Burgoyne\*, *Nielsen*



- 139-2 **Applied Demography From the Perspective of a Pop Center Demographer**  
Karen Guzzo\*, *Bowling Green State University*
- 139-3 **Applied Demography From the Perspective of a Local Government Demographer**  
Erica Maurer\*
- 139-4 **Applied Demography From the Technological Perspective**  
Christopher Dick\*, *Georgetown University*
- P6 Children and Youth, Intergenerational Ties, Education, Work and Economic Inequality**
- 10:00 AM-11:30 AM — Marquis Ballrooms A-D (Posters)*
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- P6 Parental Expectations and Child Marriage: Evidence From Bangladesh**  
Alejandro Montoya Castano\*, Mary Arends-Kuenning, *University of Illinois at Urbana-Champaign*
- P6 Parental Veteran Status and Poverty Among U.S. Children**  
Paul Hemez\*, *U.S. Census Bureau*
- P6 The Consequences of Paternal Incarceration for Youth's Expectations and Aspirations**  
Garrett Baker\*, *Duke University*
- P6 Mother's Educational Attainment and Diarrhea Prevalence Among Black Children**  
Olusola Omisakin\*, *Utah State University*
- P6 The Daughters Who Stayed: Fertility and Education Among Nonmigrant Mexican Women**  
Ilana Ventura\*, *University of Chicago*
- P6 Romantic Relationships and Friendship Transitions in Adolescence**  
Haoyang Zhang\*, *Pennsylvania State University*; Diane Felmler, *Pennsylvania State University*
- P6 The Long-Term Effects of Structural Inequality and Relative Deprivation in School on the Level of Inflammation in Early Adulthood**  
Kiwoong Park\*, *University of New Mexico*
- P6 Social Spending on Children and the Sources of Household Income Across U.S. States, 1997–2016**  
Margot Jackson\*, *Brown University*; Christopher Wimer, *Columbia University*
- P6 Early Childhood Development Among Children of Adolescent Mothers: Evidence From More Than 30 Low- and Middle-Income Countries**  
Fatima Zahra\*, *University of Pennsylvania*; Karen Austrian, *Population Council, Kenya*
- P6 Singled Out: Household and Family Structure, Social Capital, and the Well-being of Low-Income Single-Parent Singaporean Households**  
Jin Yao Kwan\*, *University of California, Los Angeles*
- P6 Adverse Birth Outcomes in the Context of Residential Spatial Social Polarization: Evidence From Michigan Medicaid-Insured Women in a Federal Healthy Start Population**  
Xiao Yu\*, *Michigan State University*; Cristian Meghea, *Michigan State University*; Ran Meng, *Michigan State University*; Jennifer Raffo, *Michigan State University*; Lee Anne Roman, *Michigan State University*
- P6 Migration-Induced Family Living Patterns, Early Childhood Development, and Schooling: Evidence From China**  
Xiuqi Yang\*, *University of Pennsylvania*
- P6 The Maldistribution of Pediatricians as a Potential Driver of Reduced Educational Outcomes**  
Jessica Boyle\*; Benjamin Domingue, *Stanford University*
- P6 Early Parental Home Leaving, Parental Education, and Regional Variability: a Multilevel Study on Europe**  
Valeria Ferraretto\*, *University of Trento*; Agnese Vitali, *University of Trento*
- P6 The Classed Trajectory of Media Use: Media Use and Socioeconomic Status From Adolescence to Adulthood**  
Annaliese Grant\*, *University of Wisconsin–Madison*
- P6 Children's Risk of Parental Migration: Identifying Timing and Selection Factors of Being Left Behind in a Migrant-Sending Population**  
Emily Treleaven\*, *University of Michigan*; Dirgha Ghimire, *University of Michigan*
- P6 Who Goes and Who Stays: College Attendance and Persistence by Parental Characteristics**  
Jacob Fabina\*, *U. S. Census Bureau*



- P6 **Are There Still Differences? Adult Health of East and West German Cohorts Born After Reunification**  
Tobias Vogt\*, *University of Groningen*; Lara Bister, *University of Groningen*; Mine Kühn, *Max Planck Institute for Demographic Research*
- P6 **Pandemics and Childhood Cognitive Impairment: A Lesson From the SARS**  
Chao Guo\*, *Peking University*
- P6 **Empirical Investigations on Causes and Implications of Chronic Absenteeism Behavior on Well-being of Primary School Students in India**  
Charu Jain, *National Council of Applied Economic Research*; Ruchi Jain\*, *National Council of Applied Economic Research*
- P6 **Financial Transfers Between Parents and Their Adult Children: A Focus on Immigrant Families in the United States**  
Margarita Obregon\*
- P6 **Infant Weight Among the Children of Immigrants and Nonimmigrants in Taiwan: Evidence From the Context of Marriage Migration**  
Ching Kuan\*, *National Taiwan University*; Jen-Chen Chao
- P6 **Orphanhood Among Children Under Age 18 in Democratic Republic of the Congo: A Regional Perspective**  
Zacharie Tsala Dimbuene\*, *University of Kinshasa*; Megane Davoine Mbali, *University of Lubumbashi, D. R. Congo*; Raphael Muanza Nzuzi, *University of Kinshasa, D.R. Congo*; Hardie Banza Ngoie, *Catholic University of Louvain*; Ornan Ipashi Ipashi, *University of Kinshasa, D.R. Congo*; Patrick Ntwali Matabaro, *University of Kinshasa, D.R. Congo*
- P6 **Outcomes of Midwife- Versus Physician-Attended Births: Unpacking Variation by Race and Place**  
Laura Chen\*
- P6 **Mother's Seclusion During Menstruation and Child Health**  
Supriya Joshi\*, *The Pennsylvania State University*; Yubraj Acharya, *The Pennsylvania State University*
- P6 **Weathering Within War: Somatic Health Complaints Among Vietnamese Older Adults Exposed to Bombing and Violence as Late Adolescents in the American War**  
Delaney Glass\*, *University of Washington*; Yvette Young, *University of Utah*; Toan Tran Khanh, *Hanoi Medical University*; Patrick Clarkin, *University of Massachusetts Boston*; Kim Korinek, *University of Utah*
- P6 **National Birth Defects Intervention Project and Congenital Disabilities of Children**  
Chao Guo\*, *Peking University*
- P6 **Leaving Home Among Recent Cohorts in Italy: Does Economic Uncertainty Matter?**  
Fausta Ongaro\*, *University of Padova*; Silvia Meggiolaro, *University of Padua*
- P6 **Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil**  
Antonio Pedro Ramos, *University of California, Los Angeles*; Simeon Nichter\*, *UCSD*
- P6 **Does It Take a Village? School Friends, Math Achievement, and Transition Into College Among Asian and Hispanic Immigrants**  
I-Chien Chen\*, *Michigan State University*
- P6 **International Migration Aspirations in Afghanistan**  
Rasoul Sadeghi\*, *University of Tehran*; Victor Agadjanian, *University of California Los Angeles*
- P6 **Parental Separation and Children's Test Scores**  
Mathilde Holm; Peter Fallesen\*, *Rockwool Foundation*; Eskil Heinesen, *Rockwool Foundation*
- P6 **Promoting Young Black and Latino Children's Well-being in the Face of Rapid Demographic Shifts and Rising Inequality: Lessons From a New Immigrant Destination in the Southeast United States**  
Stephanie Potochnick\*, *University North Carolina at Charlotte*; Laura Marie Armstrong, *University North Carolina at Charlotte*; Joseph Kangmennaang, *University North Carolina at Charlotte*; Eric Delmelle, *University North Carolina at Charlotte*; Ryan Kilmer, *University North Carolina at Charlotte*; Ariana Shahinfar, *University North Carolina at Charlotte*
- P6 **Mortality During Transitions Out of Foster Care: Evidence From California**  
Claire McNellan\*; John Prindle, *University of Southern California*; Andrea Lane Eastman, *University of Southern California*; Emily Putnam-Hornstein, *The University of North Carolina at Chapel Hill*
- P6 **Time Dimension of the Link Between Income Inequality and Health: The Immediate, Cumulative, and Comparative Effects**  
Qianyi Lu\*, *University of Illinois at Urbana-Champaign*; Ya-qiang Qi, *Renmin University of China*
- P6 **Corporal Punishment Hurts Children's Cognitive Ability: Evidence From a National Kindergarten Cohort Study**  
Jeehye Kang\*, *Old Dominion University*

- P6 **Inheriting Financial Exclusion: How Family Structure History Influences Banking in Early Adulthood**  
Olivia Howard\*
- P6 **A Subannual Measure of Poverty in the United States**  
Ani Silwal\*, *U.S. Census Bureau*; Liana Fox, *US Census Bureau*
- P6 **Heterogeneity in the Debt and Mental Well-being Link Among Older Adults: Combining Population Inference and Target Trial Perspectives**  
Aapo Hiilamo\*
- P6 **Decline of the Working-Class Identity in Eastern Germany, 1991–2018: A Counterfactual Decomposition Perspective**  
Patrick Präg\*, *Institut Polytechnique de Paris*; Gundula Zoch
- P6 **What Explains Differences in Early Child Development Between Urban and Rural Areas in Cameroon?**  
Henri Fika\*, *IFORD*
- P6 **All That Glitters Is Not Gold: Addressing the Effect of Parental Education on Children's Attainment**  
Alicia Garcia Sierra\*; Mar Espadafor
- P6 **Are School District Mergers Desirable? A Study of How District Consolidations Impact Neighborhood Markets**  
Sharada Dharmasankar\*, *University of Wisconsin-Madison*
- P6 **Does Women's Empowerment Status During COVID-19 Affect the Experiences of Intimate Partner Violence for Female Domestic Workers in Karachi, Pakistan?**  
Bhavita Kumari\*, *Tulane University School of Public Health*; Mai Do, *Tulane University School of Public Health*
- P6 **Demographic Changes, School Diversity, and Long-Term Economic Opportunity**  
Francisco Lagos\*
- P6 **Socioeconomic Characteristics of Second-Generation South Asian Americans: Evidence From the American Community Survey, 2014–2018**  
Fizza Raza\*, *Texas A&M University*; Arthur Sakamoto, *Texas A&M University*
- P6 **Decomposing Delayed Marriage Among Nonregular Workers: A Role of Income and Job Qualities in Partnership and Marriage Formation in Japan**  
Ryota Mugiyama\*, *Gakushuin University*
- P6 **Polygenic Rank and Educational Stratification**  
Andrew McMartin\*
- P6 **Social Identity and STEM Choice: Evidence From Higher Secondary Schooling in India**  
Soham Sahoo; Anand Kumar\*
- P6 **School-to-Work Pathways: The Role of Career and Technical Education on the Earnings and Industry Placement of High School Graduates in Texas**  
Gabriela Sanchez-Soto\*, *Rice University*; Patrick Gill, *Rice University*; Daniel Potter, *Rice University*
- P6 **Interaction Between Public and Private Cash Transfers, and Their Effect on School Enrollment**  
Rodolfo Herrera Martínez\*, *Center for Development Research - Bonn University*
- P6 **"Graded Inequality" and Graded Schooling: Caste-Based School Segregation in India**  
Bheemeshwar Reddy Amireddy\*, *Birla Institute of Technology & Science (BITS) Pilani*; Mayank Agrawal, *Birla Institute of Technology and Science, Pilani*; Shamsher Singh, *FLAME University*
- P6 **Horizontal Educational Stratification Through a Genetic Lens: Effects of Social Background and Genetic Endowment on College Selectivity and Wages**  
Fumiya Uchikoshi\*, *Princeton University*; Dalton Conley, *Princeton University*
- P6 **How School Discipline and Sense of Belonging Motivate Black Educational Attainment**  
Aryele Jackson\*, *Western Washington University*
- P6 **Do Parents Reinforce or Compensate for Within-Family Educational Inequality Through Discordant Support, and How Do They?**  
Philipp Dierker\*
- P6 **The Role of Residential Integration in Promoting Successful School Integration**  
Matthew Mleczko\*, *Princeton University*
- P6 **The Impact of COVID-19 on Adult Skills: Estimation and Projection of Skills-Adjusted Human Capital, 1970–2050**  
Caner Özdemir; Claudia Reiter\*, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*; Dilek Yildiz, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*
- P6 **Partnership, Fertility, and Employment Trajectories of Immigrants in the United Kingdom: A Three-Channel Sequence Analysis**

Julia Mikolai\*, *University of St Andrews*; Hill Kulu, *University of St Andrews*

- P6 **Intergenerational Closure and Educational Attainment in Young Adulthood**  
Isabel Levin\*, *The University of Massachusetts, Amherst*
- P6 **The Role of Parental Resources on Young Adult Children's Educational and Job Aspirations and Expectations**  
Kent Jason Cheng\*, *Syracuse University*; Emily Wiemers, *Syracuse University*
- P6 **The Impact of Expanded Contraceptive Access on Poverty in Early Adulthood**  
Amanda Stevenson\*, *University of Colorado, Boulder Department of Sociology*; Liyang Xie, *University of Colorado - Boulder*; Katie Genadek, *University of Colorado Boulder*; Sara Yeatman, *University of Colorado Denver*; Stefanie Mollborn, *University of Colorado Boulder*; Jane Menken, *University of Colorado, Boulder*
- P6 **School Closures and Rural Population Decline**  
Joseph Sageman\*
- P6 **Incarceration and Income Insecurity Among Older Americans**  
Devin Rutan\*, *Princeton University*
- P6 **The Impact of Parental Migration on Children's Domestic Work and Family Assistance**  
Yunlin Li\*
- P6 **Undernutrition Among Children in India: Analyzing the Economic Inequalities From Macro-to-Micro Level**  
Apoorva Nambiar\*, *IITB- Monash Research Academy*; Ashish Singh, *Indian Institute of Technology Bombay, India*; Satish B Agnihotri, *IIT Bombay*; Arunachalam Dharmalingam, *Monash University*
- P6 **Gendered Attitudes and Women's Work: An Asian Perspective**  
Surbhi Malhotra, *Jawaharlal Nehru University*; Amaresh Dubey\*, *Jawaharlal Nehru University*
- P6 **Race, Class, and Light Rail Transit: Examining the Role of High-Income Mobility in Demographic Change**  
Thelonious Goerz\*
- P6 **Ethno-Racial Inequities in Paid Family and Medical Leave: A Policy-Amenable Reflection of Structural Racism**  
Julia Goodman\*, *OHSU-PSU School of Public Health*; Dawn Richardson, *OHSU-PSU School of Public Health*; William Dow, *University of California-Berkeley*
- P6 **Wage Inequality Within and Between Firms: Macroeconomic and Institutional Drivers in**

## Europe

Wouter Zwysen\*, *ETUI*

- P6 **High Earners: Who Are They and Are They Reporting Their Income Accurately?**  
Sandy Dietrich\*, *U.S. Census Bureau*
- P6 **Gender Pay Gaps in STEM**  
Tomasz Zajac, *The University of Queensland*; Iga Magda\*, *Warsaw School of Economics*; Agnieszka Chlon-Dominczak, *Szkoła Główna Handlowa w Warszawie*; Mikolaj Jasinski, *University of Warsaw*; Marek Bozykowski, *Uniwersytet Warszawski*
- P6 **The Effects of the Elimination of PROGRESA on Maternal Health**  
Susan Parker\*, *University of Maryland*; Soomin Ryu, *University of Maryland*
- P6 **Social Capital and Early Career Outcomes: Evidence From India**  
Neerad Deshmukh\*, *National Council of Applied Economic Research*
- P6 **Child Support Grant Expansion and Mid- to Later-Life Cognitive Function Among Women in Rural South Africa: Findings From a Natural Experiment in the HAALSI Study**  
Rishika Chakraborty\*, *Indiana University Bloomington*; Lindsay Kobayashi, *University of Michigan*; Coady Wing, *Indiana University Bloomington*; Janet Jock; Meredith Phillips, *Indiana University School of Public Health-Bloomington*; Lisa Berkman, *Harvard Center for Population and Development Studies*; Molly Rosenberg, *Indiana University School of Public Health-Bloomington*
- P6 **Inequality in Quality: Population Heterogeneity in Literacy Skills Around the World**  
Claudia Reiter\*, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*
- P6 **Responding to the Labor Market Reality? Underemployment and Delayed Postgraduate Pursuit Among U.S. College Graduates**  
Xiao Yu\*, *Michigan State University*
- P6 **Employment Patterns of Couples as the Mechanism Underlying Growing Income Inequality: A Cross-Country Comparison, 1994–2013**  
Efrat Herzberg\*, *Tel-Aviv University*
- P6 **Latent Factors Driving Inequality of Opportunities**  
Ellyn Terry\*
- P6 **Moderating Effects of Grandparents' Care of Children on Motherhood Penalties in Post-Reform China**  
In Choi\*, *University at Albany, SUNY*

- P6 **The Impact of Housing and Employment Programs on Households' Welfare**  
Daniela Del Boca, *Collegio Carlo Alberto*; Chiara Pronzato\*, *University of Turin*; Stefania Basiglio, *University of Turin*
- P6 **Educational Expansion and Stratification in the Informal Market**  
Jeong Hyun Oh\*
- P6 **Incorporating Health Insurance in Poverty Measurement at the Census Bureau: Producing 2020 Health Inclusive Poverty Measure (HIPM) Estimates in the United States**  
John Creamer\*
- P6 **Inequality of Life Opportunity**  
Ashish Singh\*, *Indian Institute of Technology Bombay, India*
- P6 **What Are the Long-Term Effects of Private Schooling? Evidence From Lower Secondary Schools in France**  
Léonard Moulin\*, *French Institute For Demographic Studies (INED)*
- P6 **Chronic Food Insecurity in the United States: Changes in Trends Over Time**  
Noura Insolera\*, *University of Michigan - PSID*
- P6 **Educational Assortative Mating, Labor Division, and Capital Transfer: Evidence From China**  
Matthew Luo\*, *Department of Sociology, University of Oxford*; Man-Yee Kan, *Department of Sociology, University of Oxford*
- P6 **Women's Economic Empowerment and Children's School Outcomes: The Case of Malawi**  
Eunice Williams\*, *University of Southampton*; ARISH QAMAR; Sabu Padmadas, *University of Southampton*
- P6 **Disability and Educational, Labor Market, and Marital Outcomes in Low-Income Countries: Evidence From Nepal**  
Yubraj Acharya, *The Pennsylvania State University*; Di Yang\*, *Pennsylvania State University*
- P6 **Capacity, Need, and Location: Emergency Food Programs in the Detroit Metropolitan Area**  
Laura Sullivan\*, *Cornell University*; ARISH QAMAR; Maria V. Wathen, *Loyola University Chicago*
- P6 **Private Schooling in India: Changes in Learning and Achievement Experience Analysis Based on the India Human Development Survey (IHDS)**  
Suvarna Pande, *Jawaharlal Nehru University*; Amaresh Dubey\*, *Jawaharlal Nehru University*
- P6 **Women's Economic Status and Their Role in the Demographic Window of Opportunity in Iran: Challenges and Policy Options**  
Nader Motie Haghshenas\*; Ghazal Sadat Hoseine, *Researcher at Payam Noor University*; Fatane Bidar Aghjekandi
- P6 **Genes and Equality of Opportunity in an Egalitarian Context**  
Jani Erola\*, *University of Turku*; Tina Baier; Hannu Lehti, *University of Turku*
- P6 **Gender and Wage Trajectory Over the Life Course: Evidence From Taiwan**  
Li Hsu\*, *University of Wisconsin, Madison*
- P6 **Do the Dynamics of Jail Incarceration as a Labor Market Institution Depend on the Local Context of Jail Incarceration?**  
Christopher Thomas\*, *City University of New York*
- P6 **Trends in Female Labor Force Participation in India: The Role of Demographic Factors**  
Rishabh Tyagi\*, *Max Planck Institute for Demographic Research (MPIDR)*; Kuriath James
- P6 **Educational Differences Under Distinct Political Regimes: How Does Student Achievement Depend on Democracy?**  
Diana Rafailova\*
- P6 **Ticket to the Middle Class? Long-Term Effects of Public Universities on Labor Market and Financial Outcomes**  
Monica Mogollon Plazas\*, *Rutgers University*; Christian Posso-Suarez, *Banco de la República de Colombia (Central Bank of Colombia)*
- P6 **The Role of Perinatal Health in Educational Achievement**  
Niko Eskelinen\*, *University of Turku*; Juho Härkönen, *European University Institute*; Marco Cozzani, *European University Institute*; Matti Lindberg, *University of Turku*
- P6 **Social Class Variation and Income Inequality Within Field of Study Among College Graduates in China**  
Man Yao\*, *The Ohio State University*; Siqi Han, *The Chinese University of Hong Kong*
- P6 **Studying Informal Care During the Pandemic: Mental Health, Gender, and Job Status**  
Joan Madia\*; Catia Nicodemo, *University of Oxford*; Francesco Moscone, *Brunel University London*
- P6 **Racial Disparities in Employment Over the Life Course**  
Wonjeong Jeong\*



- P6 **Work-Migration-Life Balance: Patterns of Immigrant Labor Market Engagement by Parity**  
Chia Liu\*, *University of St. Andrews*; Hill Kulu, *University of St Andrews*
- P6 **Neighborhood Effects on Restaurant Closings in New York City During COVID-19**  
Qiyao Pan\*
- P6 **Migration Decisions for Tertiary Education: How Far Are Chilean Students Willing to Go?**  
Rocio Valdebenito\*; Mary Arends-Kuenning, *University of Illinois at Urbana-Champaign*; Sandy Dall'erba, *University of Illinois at Urbana-Champaign*; William Ridley, *University of Illinois at Urbana-Champaign*
- P6 **Follow the Yellow Brick Road: The Effects of Occupational Retraining on Economic Mobility in Minnesota**  
Anna Bokun\*, *University of Minnesota-Twin Cities*
- P6 **Selective Queueing: Social Origin Differences in Re-Applications After Failure(s) to Access University**  
Laura Heiskala\*; Elina Kilpi-Jakonen, *University of Turku*; Outi Sirniö, *Finnish Institute for Health and Welfare*; Jani Erola, *University of Turku*
- P6 **Student Debt and Co-Occurrence With Other Types of Debts**  
Neil Bennett, *U.S. Census Bureau*; Michael King\*, *U.S. Census Bureau*
- P6 **A “Ghetto” of One’s Own: Communal Violence, Residential Segregation, and Group Education Outcomes in India**  
Aarushi Kalra\*
- P6 **Gendered Late Working-Life Trajectories, Family Risks, and National Contexts: Evidence From SHARE**  
Wiebke Schmitz\*; Laura Naegele, *University of Vechta*; Frerich Frerichs, *University of Vechta*; Lea Ellwardt, *University of Cologne*
- P6 **The Canary in the Coal Mine? The Retreat From Marriage Among College-Educated STEM Professionals**  
Sharon Sassler\*, *Cornell University*; Yael Levitte, *Cornell University*; Nathan Robbins, *Cornell University*
- P6 **Geographically Disaggregating U.S. State Income Inequality: Patterns Across Geographic Units, State Political Structures, and Racial Contexts**  
Tiffany Neman\*, *University of Wisconsin-Madison*
- P6 **Do Households Respond to Macroeconomic News?**  
Aditi Singh\*, *Brown University*; Anushka Mitra, *University of Texas at Austin*
- P6 **Impact of Employment on Social Cohesion: Evidence From Women in Rural India**  
Satyen Pandita\*, *Indian Statistical Institute, Delhi & Ashoka University*; Abhiroop Mukhopadhyay, *Indian Statistical Institute, Delhi*
- P6 **“Joy, Not Sorrow”: Men’s Perspectives of Cash Transfers Targeted to Women in Ghana**  
Audrey Pereira\*, *University of North Carolina at Chapel Hill*; Clare Barrington, *University of North Carolina at Chapel Hill*; Raymond Aborigo; Akalpa Akaligaung, *Navrongo Health Research Centre*; Tia Palermo, *University at Buffalo*; Amber Peterman, *UNICEF*
- P6 **Combining Paid Work and Family, Community, and Individual Life Among Urban Women: Results From Three Iranian Time-Use Surveys**  
Fatemeh Torabi\*, *University of Tehran*
- 140 Work and Retirement Transitions in Later Life**  
CHAIR: Katsuya Oi, *Northern Arizona University*  
DISCUSSANT: Leafia Ye, *University of Wisconsin–Madison*
- 11:30 AM-12:45 PM — International 4**
- 140-1 **Gender, Precarious Work, and Divorce in Mid- to Later-life: A Dyadic Analysis**  
Rachel Donnelly\*, *Vanderbilt University*
- 140-2 **The Consequences of Disabilities in Late Middle Age for Well-being**  
Emily Wiemers\*, *Syracuse University*; V. Joseph Hotz, *Duke University*; Scott Abrahams; Anna Wiersma Strauss, *Syracuse University*
- 140-3 **The Impact of Change in Work Time on Time Use of Daily Activities Among Older Population: A Longitudinal Study**  
Jing Ye\*, *University of Maryland*
- 140-4 **Should I Care or Should I Work? The Impact of Work on Informal Care**  
Ludovico Carrino\*, *King’s College London*; Vahé Nafilyan, *King’s College London*; Mauricio Avendano, *King’s College London / Harvard University*



## 141 Local Contexts Shaping Early Life Disadvantages

CHAIR: Regina Bures, NICHD

DISCUSSANT: Connor Sheehan, Arizona State University

11:30 AM-12:45 PM — International 7

### 141-1 Neighborhood Disadvantage Based on Everyday Mobility Predicts Intrauterine Growth Restriction for Black and Hispanic Births in California

Karl Vachuska\*; Brian Levy, George Mason University

### 141-2 Effects of Randomized Corruption Audits on Early-Life Mortality in Brazil

ter\*, UCSD

### 141-3 Intergenerational Impact of Anti-Black Hate Crimes

Anna Jaskiewicz\*, University of California, Santa Barbara

### 141-4 The Effects of Public Smoking Bans on Infant Health Varied by Age and Race/Ethnicity

Nicholas Mark\*, New York University

## 142 COVID-19: Racial and Ethnic Disparities

CHAIR: Alicia Riley, University of California San Francisco

DISCUSSANT: Flavia Andrade, University of Illinois

11:30 AM-12:45 PM — M104

### 142-1 Age, Sex, and Racial/Ethnic Disparities and Temporal-Spatial Variation in Excess All-Cause Mortality During the COVID-19 Pandemic: Evidence From Linked Administrative and Census Bureau Data

Thomas Foster\*, U.S. Census Bureau; Leticia Fernandez, U.S. Census Bureau; Sonya Rastogi Porter, U.S. Census Bureau; Nikolas Pharris-Ciurej

### 142-2 Racial and Ethnic Inequalities in COVID-19 Mortality Within Carceral Settings: An Analysis of Texas Prisons and Jails

Neal Marquez\*, University of Washington; Destiny Moreno, University of Texas at Austin; Amanda Klonsky, University of Chicago; Sharon Dolovich, University of California Los Angeles

### 142-3 Beyond Ethnoracial Categories: Disparities in Social Network Loss From COVID-19 Among First- and Second-Generation Latinx and Asian Adults

Margot Moinester, Washington University in St. Louis; Ariela Schachter\*, Washington University in St. Louis; Ella Siegrist

## 142-4 Do Social Determinants of Health Explain Racial/Ethnic Disparities in COVID-19?

Haena Lee\*, University of Southern California; Theresa Andrasfay, University of Southern California; Qiao Wu, University of Southern California; Eileen Crimmins, University of Southern California

## 143 Mixed-Methods Research

CHAIR: Hope Harvey, University of Kentucky

DISCUSSANT: Yun Zhou, University of Michigan

11:30 AM-12:45 PM — International 2

### 143-1 Measuring Violence and Volition in Migration and Health Research: A Culturally Informed Analysis of Life Histories and Health at the Thai–Myanmar Border

Stephanie Koning\*, Northwestern University

### 143-2 Climate Vulnerability and Migration: A Case Study on the Indian Himalayan Region

Riccardo Biella, Uppsala University; Roman Hoffmann\*, Wittgenstein Centre for Demography and Global Human Capital; Himani Upadhyay, Potsdam Institute for Climate Impact Research

### 143-3 Psychosocial Construct of Childlessness Among Couples and Infertility Service Need in Rural India: A Qualitative Study

Shraboni Patra\*, International Institute for Population Sciences

## 144 Ethno-Racial and Gender Disparities in Higher Education

CHAIR: Gabriela Sanchez-Soto, Rice University

DISCUSSANT: Hyunjoon Park, University of Pennsylvania

11:30 AM-12:45 PM — International 10

### 144-1 College Gap Time and Academic Outcomes for Women: Evidence From Missionaries

Margaret Marchant, Brigham Young University; Jocelyn Wikle\*, Brigham Young University

### 144-2 Aiming too High or Scoring too Low? Heterogeneous Immigrant-Native Gaps in Upper Secondary Enrolment Decisions and Outcomes Beyond the Transition in France

Alessandro Ferrara\*, European University Institute

### 144-3 Tiger Mother's Purse: Educational Expenditure of Asian American Families

Ziyao Tian\*, Princeton University

### 144-4 Educational Expansion, Field of Study, and Gender Inequalities in Skill Usage Across Four Cohort Studies

Jonathan Horowitz\*, University of Toronto; Sagi Ramaj, University of Toronto

## 145 New Approaches to Social Mobility and Inequality

CHAIR: Fabian Pfeffer, *University of Michigan*

DISCUSSANT: Deirdre Bloome,

DISCUSSANT: Emily Rauscher, *Brown University*

11:30 AM-12:45 PM — M103

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### 145-1 Declining Jobs, Declining Opportunities? Mobility of Workers in Occupations With Job Contraction

Xi Song\*, *University of Pennsylvania*; Jennie Brand, *University of California, Los Angeles*; Xiuqi Yang, *University of Pennsylvania*; Michael Lachanski, *University of Pennsylvania*

### 145-2 A Schumpeter Hotel? Surname Status Persistence in Sweden, 1880–2016

Elien van Dongen\*, *Lund University*; Martin Dribe, *Lund University*; Björn Eriksson, *Lund University*

### 145-3 Educational Assortative Mating and Income Inequality Among Black and White Families in the United States, 1976–2017

Mauricio Bucca\*, *Universidad Católica de Chile*

### 145-4 Social Mobility as Causal Intervention

Lai Wei\*

## 146 Flash: Unemployment, Job Insecurity, and Economic Insecurity

CHAIR: Katie Genadek, *University of Colorado Boulder*

11:30 AM-1:00 PM — International 6

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### 146-1 Failing Workers, Failing Women: Job Quality Deterioration, Educational Expansion, and Gender Stratification in the Labor Market, 1985–2017

Shauna Dyer\*, *University of Michigan*

### 146-2 Care Leaves and Unemployment Risks in Finland and Sweden: Comparing Periods of Economic Upturn and Downturn

Marie Evertsson; Kathrin Morosow\*, *University of Manchester*; Maaïke van der Vleuten

### 146-3 When Having a Job is Not Enough: Events and Triggers of In-Work Poverty Transitions

Mariona Lozano\*, *Centre for Demographic Studies*; Alba Lanau

### 146-4 Labor Market Shocks and Declining Fertility Rates

Nathan Seltzer\*, *University of Wisconsin-Madison*

### 146-5 The Heterogeneous Effect of Job Loss on Fertility in Germany and the United Kingdom

Alessandro Di Nallo\*, *Université de Lausanne*; Oliver Lipps, *Université de Lausanne*

### 146-6 Is Diabetes Reducing the Potential Size of the Workforce?

Ellyn Terry\*

### 146-7 Disability, Work Status, and Deprivation: Evidences From National Statistical System (NSS) 76th Round Data

Jagriti Gupta\*; Dipti Govil, *International Institute for Population Sciences, Mumbai, India*

### 146-8 Job Insecurity and Mental Well-being in the Time of COVID-19: A Stress Proliferation Process

Wen Fan\*, *Boston College*; Yue Qian, *University of British Columbia*

## 147 Diverse Family Forms

CHAIR: Haoming Song, *Brown University*

DISCUSSANT: Jake Hays, *University of Michigan*

11:30 AM-12:45 PM — M102

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### 147-1 Childbearing Across Partnerships in Italy: Prevalence, Correlates, Consequences

Elena Pirani\*, *Università di Firenze*; Daniele Vignoli, *University of Florence*

### 147-2 Variation and Change in Sibship Complexity Within and Beyond the Household

Kelly Musick\*, *Cornell University*; Yongxin Shang, *Cornell University*; Paula Fomby, *University of Michigan*

### 147-3 The Steady Increase in Nonfamily Living Arrangements Among Young Adults in the United States

Kristen Jeffers\*, *Autonomous University of Barcelona*; Albert Esteve, *Centre d'Estudis Demografics*; Ewa Batyra, *Center for Demographic Studies*

### 147-4 Thicker Than Blood: A Social Network Analysis of Family, Kinship, and Their Racialization in the United States

Youngmin Yi\*, *University of Massachusetts Amherst*; Alyssa Goldman, *Boston College*

## 148 Aging With Limited Family Ties

CHAIR: Bussarawan Teerawichitchainan, *National University of Singapore*

DISCUSSANT: Christine Mair, *University of Maryland, Baltimore County*

11:30 AM-12:45 PM — International 8

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### 148-1 Sole Family Survivors: Older Adults Lacking Family-of-Origin Kin

Susan Brown\*, *Bowling Green State University*; Kagan Mel-lencamp, *Bowling Green State University*; I-Fen Lin, *Bowling Green State University*

148-2 **When Family Ties Are Not Available: Kinless, Distanced, and Disconnected Older Adults**  
Sarah Patterson\*, *University of Michigan*; Rachel Margolis, *University of Western Ontario*

148-3 **Moving Beyond and Digging Into Living Arrangements: The Moderating Role of Social Support and Household Income in Shaping Depressive Symptoms in Middle and Later Life**  
Jingwen Liu\*, *University of Maryland*

148-4 **Better Alone? The Impact of Residential Arrangements on the Mortality of Costa Rican Adults**  
Paola Vazquez-Castillo\*

## 149 Cross-National Comparisons of Fertility

CHAIR: Angela Greulich, *OSC - IEP Sciences Po Paris*

DISCUSSANT: Sonja Spitzer, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*

11:30 AM-12:45 PM — International 9

149-1 **Fertility Transition of Sub-Saharan African Capital Cities: Where Do They Stand and What Has Contributed Most to the Transition?**  
David Sanchez Paez\*, *Université catholique de Louvain*; Bruno Schoumaker, *Université Catholique de Louvain*

149-2 **Low Fertility With Low Female Labor Force Participation in South India**  
Stuart Gietel-Basten, *Hong Kong University of Science and Technology*; Dean Spears\*, *University of Texas at Austin*; Leela Visaria, *Gujarat Institute of Development Research*

149-3 **Is Fertility Behavior in Africa Different?**  
Claus Portner\*, *Seattle University*

## 150 Complicating the Concept of “Unintended Pregnancy”

CHAIR: Claudia Geist, *University of Utah*

DISCUSSANT: Dana Johnson,

11:30 AM-12:45 PM — M109

150-1 **Causes and Consequences of Unintended Pregnancies in Cameroon: A Qualitative Study**  
Teke Takwa\*, *Central Population for Censuses and “Population Studies, BUCREP; TUNGAB TUNGAB; Anyeku Elvis Nyah, University of Yaoundè 1; ajah eshiamba*

150-2 **Examining Women’s Retrospective Pregnancy Intendedness Using Cohort Data**  
Mieke Eeckhaut, *University of Delaware*; Michael Rendall\*, *University of Maryland-College Park*

150-3 **Pregnancies in the United States by Desire for Pregnancy: Population-Level Estimates for 2009, 2011, 2013, and 2015**  
Kathryn Kost\*, *Guttmacher Institute*; Mia Zolna, *Guttmacher Institute*; Rachel Murro, *Guttmacher Institute*

150-4 **Country-Specific Estimates of Unintended Pregnancy and Abortion Incidence: A Global Comparative Analysis of Levels, 2015–2019**  
Jonathan Bearak\*, *Guttmacher Institute*; Anna Popinchalk, *Guttmacher Institute*; Cynthia Beavin; Bela Ganatra, *World Health Organization*; ann-Beth Moller; Özge Tunçalp, *World Health Organization*; Leontine Alkema, *University of Massachusetts Amherst*

## 151 Migration, Migrants, and Fertility

CHAIR: Alicia Adsera, *Princeton University*

DISCUSSANT: Emilio Parrado, *University of Pennsylvania*

DISCUSSANT: TBD Discussant,

11:30 AM-12:45 PM — M304

151-1 **Uncertainty Across the “Contact Line”: Armed Conflict, COVID-19, and Perceptions of Fertility Decline in Eastern Ukraine**  
Brienna Perelli-Harris, *University of Southampton*; Theodore Gerber\*, *University of Wisconsin–Madison*; Yuliya Hylevich, *University of Groningen*

151-2 **Higher Perceived Infertility and Less Help-Seeking Behavior Among Immigrants: Evidence From German Panel Data**  
Nadja Milewski\*, *Federal Institute for Population Research*; Jasmin Passet-Wittig, *Federal Institute for Population Research*; Martin Bujard, *Federal Institute for Population Research*

151-3 **Migration-Related Influences on Fertility Intentions Among Internal Migrants in Burkina Faso**  
Selena Anjur-Dietrich\*; Philip Anglewicz, *Johns Hopkins University*; Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health*

151-4 **Family Trajectories Among Immigrants and Their Descendants in Three European Countries**  
Hill Kulu, *University of St Andrews*; Julia Mikolai, *University of St Andrews*; Isaure Delaporte, *University of St Andrews*; Chia Liu\*, *University of St. Andrews*; Gunnar Andersson, *Stockholm University*

## 152 New Frontiers in Education and Health Research

*CHAIR: Katrina Walsemann, University of Maryland, College Park and the Maryland Population Research Center*

*DISCUSSANT: Catherine Duarte, Stanford University*

**11:30 AM-12:45 PM — M106**

### 152-1 Pick Your Poison: The Pathways Between Education and Health Within U.S. States

*Jennifer Karas Montez\*, Syracuse University; Kent Jason Cheng, Syracuse University*

### 152-2 Multidimensional Educational Gradients in Cause-Specific Mortality by Early Adulthood

*Naomi Thyden\*, University of Minnesota; John Warren, University of Minnesota; Eric Grodsky, University of Wisconsin; Chandra Muller, University of Texas*

### 152-3 Incongruence in Educational Environment Health Disparities Among College Graduates

*Lauren Gaydos\*, Vanderbilt University; Taylor Hargrove, University of North Carolina at Chapel Hill; Alexis Dennis, University of North Carolina at Chapel Hill*

### 152-4 Higher Education and Health at Midlife: Evaluating the Role of College Quality

*Jia Wang\*, University of Wisconsin-Madison; Jordan Conwell, University of Texas at Austin*

## 153 Residential Mobility and Displacement

*CHAIR: Megan Evans, Pennsylvania State University*

*DISCUSSANT: Max Besbris, University of Wisconsin*

*DISCUSSANT: Ryan Gabriel, Brigham Young University*

**11:30 AM-12:45 PM — M105**

### 153-1 Still Moving for the Kids? An Intercohort Analysis of Residential Mobility in an Era of School Choice

*Jennifer Candipan\*, Brown University*

### 153-2 Racial and Ethnic Integration Among Generation Z: Examining the Impact of College Roommate Race and Ethnicity on Future Residential Choices

*Samantha Friedman\*, University at Albany-SUNY; Matt Vogel, University at Albany, SUNY; Stefan Ivanov, University at Albany, SUNY*

### 153-3 Housing Instability and Adult Well-being

*Brielle Bryan\*, Rice University; Hope Harvey, University of Kentucky*

### 153-4 Who Benefits From Tenant Protections? The Effects of Rent Stabilization and Just Cause for Evictions on Residential Mobility in the Bay Area

*Jackelyn Hwang, Stanford University; Iris Zhang\*, Stanford University; Jae Sik Jeon, Konkuk University; Karen Chapple, University of California Berkeley; Julia Greenberg, University of California Berkeley; Bina Shrimali, Federal Reserve Bank of San Francisco*

## 154 Racial/Ethnic Inequalities in Health and Mortality

*CHAIR: Maria Carabello, University of Michigan*

*DISCUSSANT: Neil Mehta, University of Texas Medical Branch at Galveston*

*DISCUSSANT: TBD Discussant,*

**11:30 AM-12:45 PM — M101**

### 154-1 Maternal Educational Attainment and Infant Mortality in the United States by Race/Ethnicity: The Role of Geographic Residence

*Marielle Côté-Gendreau; Kathleen Donnelly Moran\**

### 154-2 Trends in Non-Hispanic Black Life Expectancy by Metropolitan–Nonmetropolitan Category and Region, 1990–2019

*Irma Elo\*, University of Pennsylvania; Anneliese Luck, University of Pennsylvania; Sylvie Tuder, University of Pennsylvania*

### 154-3 Causes of Racial Disparities in Alzheimer's Disease Risk

*Igor Akushevich\*, Duke University; Arseniy Yashkin, Duke University; Stanislav Kolpakov Nikitin, Duke University; Julia Kravchenko*

### 154-4 Assessing the Burden of Joint Cognitive and Physical Health Impairment in the U.S., 1998–2016

*Shubhankar Sharma\*, University of St Andrews; Jo Mhairi Hale, University of St Andrews; Miikko Myrskylä, Max Planck Institute for Demographic Research; Hill Kulu, University of St Andrews*

## 155 Flash: Socioeconomic Inequalities in Health, Life Expectancy, and Mortality

*CHAIR: Leah Abrams, Harvard T.H. Chan School of Public Health*

**11:30 AM-1:00 PM — International 5**

### 155-1 Body Size, Cardiometabolic Risk, and Educational Disparities in Mortality Among U.S. Adults, 1988–2015

*Iliya Gutin\*, University of Texas at Austin*



- 155-2 **Inequality Within Inequalities: A Multicountry Comparative Study of the Effects that Education and Wealth have on Pain Prevalence**

Zachary Zimmer\*, *Mount Saint Vincent University*; Kathryn Fraser; Daniel Powers, *University of Texas at Austin*; Anna Zajacova, *University of Western Ontario*; Hanna Grol-Prokopczyk, *University at Buffalo, SUNY*

- 155-3 **Inequality in Life Lost to Violence in the United States**

Alexander Roehrkasse\*, *Yale University*

- 155-4 **Achieving Equity in Maternal and Child Health Services Utilization in Ghana: Do Community-Based Primary Health Care Programs Hold the Key?**

Edmund Wedam Kanmiki\*, *University of Ghana*; Abdullah Mamun, *The University of Queensland*; James F. Phillips, *Mailman School of Public Health, Columbia University*; Martin O'Flaherty, *The University of Queensland*

- 155-5 **Pain and Disability Transitions Among Older Americans: The Role of Education**

Feinuo Sun\*, *Mount Saint Vincent University*; Zachary Zimmer, *Mount Saint Vincent University*; Anna Zajacova, *University of Western Ontario*

- 155-6 **Race, Ethnicity, and Sex Disparities in Phthalate Concentrations Among U.S. Adults: The Mediating Role of Socioeconomic Factors**

Aliza Richman\*, *West Chester University*

- 155-7 **Bayesian Reconstruction of Multistate Mortality**

Andrea Tamburini\*; Dilek Yildiz, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*

- 155-8 **The Mortality Consequences of Home Ownership**

Casey Breen\*, *University of California, Berkeley*

## 156 Demographic Responses to Environmental Change

CHAIR: Neha Agarwal, *Centre for Policy Research*

DISCUSSANT: Erich Striessnig, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*

DISCUSSANT: Landy Sánchez Peña, *El Colegio de México*

**11:30 AM-12:45 PM — International 1**

- 156-1 **The Impact of Weather Shocks on Fertility in Rural India**

Divya Pandey\*, *University of Minnesota*

- 156-2 **Effects of Climate Variability on Fertility Preferences Through Child Mortality, Agricultural Productivity, and Infectious Disease Prevalence**

Xinghe Pan\*

- 156-3 **Temperature Extremes, Conflict, and Migration in West Asia and North Africa**

Jasmin Abdel Ghany\*

- 156-4 **Extreme Heat, Adaptation, and Racial Health Disparities at Birth**

Ethan Raker\*, *The University of British Columbia*

## 157 Achieving Sustainable Development in Africa: The Roles of Population Dynamics and Climate Change Vulnerability

CHAIR: Donatien Beguy, *UN-Habitat*

DISCUSSANT: TBD Discussant,

**11:30 AM-12:45 PM — International 3**

- 157-1 **Panelist**

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

- 157-2 **Panelist**

Samuel Codjoe\*, *University of Ghana*

- 157-3 **Panelist**

Clive Mutunga\*, *U.S. Agency for International Development*

- 157-4 **Panelist**

Nyovani Madise\*, *African Institute for Development Policy*

## 158 Aging in Vulnerable Populations

CHAIR: Latrica Best, *University of Louisville*

DISCUSSANT: Leafia Ye, *University of Wisconsin–Madison*

**2:00 PM-3:15 PM — International 4**

- 158-1 **Gender, Personality, and Cognitive Resilience Against Early-Life Disadvantage**

Joseph Saenz\*, *University of Southern California*; Sadaf Milani, *The University of Texas Medical Branch at Galveston*; Silvia Mejia-Arango, *Colegio de la Frontera Norte*

- 158-2 **Mental Health and Life Course Shocks Among the Global Poor: Evidence From Malawi**

Alexandra Scheve\*; Iliana Kohler, *University of Pennsylvania–Population Studies Center*; Hans-Peter Kohler, *University of Pennsylvania*; Chiwoza Bandawe, *Kamuzu University of Health Sciences*

- 158-3 **Disability and Self-rated Health Among U.S. Immigrant and Native Older Adults**

Shane Burns\*, *University of Southern California*; Elizabeth Baker, *University of Alabama at Birmingham*; Connor Sheehan, *Arizona State University*

- 158-4 **In the Wake of the Great Recession: Caught Between Housing and Health Care**

Monica Hernandez\*, *University of Texas Medical Branch at Galveston*



## 159 Education

CHAIR: Kelley Fong, *Georgia Institute of Technology*

DISCUSSANT: Patrick Denice, *University of Western Ontario*

2:00 PM-3:15 PM — *International 7*

### 159-1 Place-Based Education Investment: Promise Neighborhoods and Student Academic Outcomes

Alexandra Cooperstock\*, *Cornell University*

### 159-2 Demographic Composition of Teachers and the Academic and Behavioral Outcomes of Students in Houston, TX

Gabriela Sanchez-Soto\*, *Rice University*; Tori Thomas; Erin Baumgartner, *Rice University*

### 159-3 The Increasing Racial/Ethnic Disparity in Exclusionary School Discipline in Four Cohorts of Youth in the United States

Brittany Freelin\*, *Pennsylvania State University*

### 159-4 Parents' Perceptions and Preferences for Schools During the COVID-19 Pandemic: Evidence From a Survey Experiment

Chantal Hailey\*, *University of Texas at Austin*; Rachel Boggs, *The University of Texas-Austin*; Jalisa Broussard, *The University of Texas-Austin*; Milani Flores, *The University of Texas-Austin*; Brittany Murray, *Davidson College*

## 160 COVID-19: Intersecting Inequities

CHAIR: Aresha Martinez-Cardoso, *University of Chicago*

DISCUSSANT: Alexis Santos-Lozada, *Pennsylvania State University*

2:00 PM-3:15 PM — *M104*

### 160-1 Renters, State Eviction Bans, and Mental Health: Evidence From the COVID-19 Pandemic in the United States

Courtney Boen\*, *University of Pennsylvania*; Christina Gibson-Davis, *Duke University*; Lisa Keister, *Duke University*; Anne-liese Luck, *University of Pennsylvania*

### 160-2 Colliding Crises: Excess Fatal Drug Overdoses in California During the COVID-19 Pandemic by Race/Ethnicity and Educational Attainment

Mathew Kiang\*, *Stanford University*; Yea-Hung Chen, *University of California, San Francisco*; Ellicott Matthay, *University of California, San Francisco*; Maria Glymour, *University of California, San Francisco*; Kirsten Bibbins-Domingo, *University of California, San Francisco*; Keith Humphreys, *Stanford University*

### 160-3 Immigrant Legal Status Among Essential Frontline Workers in the United States During the COVID-19 Pandemic Era

Jose Pacas\*, *Kids First Chicago*; Ryan Allen, *University of Minnesota*

### 160-4 Frontline Work and Racial Disparities in Social and Economic Stressors During the First COVID-19 Surge in California

Alein Haro\*, *University of California, Berkeley*

## 161 Advances in Forecasting and Projection of Demographic Outcomes

CHAIR: Sarah Patterson, *University of Michigan*

DISCUSSANT: Ashton Verdery, *Pennsylvania State University*

2:00 PM-3:15 PM — *International 2*

### 161-1 Forecasting Prevalence and Mortality of Alzheimer's Disease Using the Partitioning Models

Igor Akushevich\*, *Duke University*; Arseniy Yashkin, *Duke University*; Mikhail Kovtun, *Duke University*; Julia Kravchenko; Konstantin Arbeeve, *Duke University*; Anatoliy Yashin, *Duke University*

### 161-2 Future Projections of Child Welfare Outcomes in the United States Using a Bayesian State-Space Model

Monica Alexander\*, *University of Toronto*; Christopher Wildeman; Alexander Roehrkasse, *Yale University*

### 161-3 Projecting Outcomes With a Series of Demographic and Health Surveys

Thomas Pullum\*, *Demographic and Health Surveys*

### 161-4 Lee-Carter Cohort Mortality Forecasts

Ugofilippo Basellini\*, *Max Planck Institute for Demographic Research*; Carlo Camarda, *Institut National d'Études Démographiques (INED)*

## 162 Ethno-Racial and Nativity Disparities in the Labor Market

CHAIR: Yana Kucheva, *City College of New York*

DISCUSSANT: Yana Kucheva, *City College of New York*

2:00 PM-3:15 PM — *International 10*

### 162-1 Late Career Precarious Work and Racial-Ethnic Inequalities in Later Life Poverty

Alec Rhodes\*, *The Ohio State University*; Lora Phillips, *Arizona State University*

### 162-2 Student Debt and the Persistence of Economic Inequalities Between Racialized/Ethnic Groups: An Intergenerational Perspective

Deirdre Bloome\*; Davis Daumler, *University of Michigan*; Shaina Dyer, *University of Michigan*

162-3 **Indigenous Condition, Migration, and Gender in the Labor Market of Quintana Roo, México**

María Coria Ortega\*

162-4 **Competent but Less Dominant and Less Socially Skilled? Asian Stereotypes and the Wage Penalty for Asian Men and Women in the U.S. Labor Market**

Youngjoo Cha\*, *Indiana University*; Dongeun Shin, *Indiana University - Bloomington*; Kiho Sung, *Yonsei University*; Stephen Benard, *Indiana University*

## 163 Marriage, Health, and Well-being

CHAIR: Feinian Chen, *University of Maryland*

DISCUSSANT: Zhiyong Lin, *University of Texas at Austin*

DISCUSSANT: TBD Discussant,

2:00 PM-3:15 PM — M102

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163-1 **Marital Status Differences in Loneliness Among Older Americans During the COVID-19 Pandemic**

Hui Liu, *Michigan State University*; Molly Copeland, *Michigan State University*; Gerald Nowak\*;

163-2 **Misery Loves Company, but Does Adversity? Individual and Partner Adverse Childhood Experiences, Health, and Life Satisfaction**

Lawrence Stacey\*, *The Ohio State University*; Drexler James, *Denison University*; Claire Kamp Dush, *University of Minnesota*; Miranda Berrigan, *The Ohio State University*; Wendy Manning, *Bowling Green State University*

163-3 **Differences in Mortality Before Retirement: The Role of Living Arrangements and Marital Status**

Serena Vigezzi; Cosmo Strozza\*, *University of Southern Denmark*

163-4 **Vicissitudes of Life: Changing Links Between Educational Assortative Mating and Life Satisfaction**

Cheng Cheng, *Singapore Management University*; Zheng Mu\*, *National University of Singapore*

## 164 Flash: Birth Intervals and Birth Timing

CHAIR: Lauren Newmyer, *Pennsylvania State University*

2:00 PM-3:30 PM — International 5

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164-1 **Social Stratification and Birth Seasonality in Sweden**

Johan Dahlberg\*, *Stockholm University*

164-2 **Which Type of Employment Uncertainty Matters When Becoming a Parent? Evidence From the United Kingdom**

Brian Buh\*, *Vienna Institute of Demography*

164-3 **Childbearing Histories and Coresidence With Young Adult Children in Midlife**

Mieke Thomeer\*, *University of Alabama at Birmingham*; Rin Reczek, *The Ohio State University*; Monir Hossain

164-4 **Socioeconomic and Demographic Characteristics Associated With Second Birth Interval in Brazil**

Ana Carolina Alonso\*, *Cedeplar, Universidade Federal de Minas Gerais*; Adriana Miranda-Ribeiro, *Cedeplar, Universidade Federal de Minas Gerais*; Luciana Luz, *Cedeplar, Universidade Federal de Minas Gerais*

164-5 **Forward Looking and Fertility in Germany: A Dyadic Approach**

Daniela Bellani; Steffen Peters\*, *Max Planck Institute for Demographic Research*; Daniele Vignoli, *University of Florence*

164-6 **Time to Second Child: Country Differences and Their Sources**

Ewa Cukrowska-Torzewska\*, *University of Warsaw, Faculty of Economic Sciences*; Anna Lovasz, *University of Washington Tacoma*; Anna Matysiak, *University of Warsaw*

164-7 **Fertility History and Risk of Cognitive Impairment Among Older Parents in the United States**

Yan Zhang\*, *Michigan State University*

164-8 **Enter the Tiger, 2022: Zodiacal Amplification of Birth Swings or Baby Busts in the Age of COVID-19?**

Daniel Goodkind\*, *Independent Researcher*

## 165 Couple and Intergenerational Fertility Dynamics

CHAIR: Keera Allendorf, *Indiana University*

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

2:00 PM-3:15 PM — International 9

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165-1 **Intergenerational Influences of Mental Health on Fertility Timing**

Emma Banchoff\*, *University of Michigan*; William Axinn, *University of Michigan*; Dirgha Ghimire, *University of Michigan*; Kate Scott, *University of Otago*

165-2 **Changes in Self-rated Health Around the Time of Childbirth Among Couples Across Europe**

Natalie Nitsche\*, *Max Planck Institute for Demographic Research*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*

165-3 **Men's and Women's Reproductive Goals: A Dyadic Analysis of Nigerian Couples**  
 Mobolaji Ibitoye\*, *The Ohio State University*; Funmilola OlaOlorun, *University of Ibadan, Ibadan, Nigeria*; John Casterline, *The Ohio State University*

165-4 **Less Like Magic, More Like a Chore: How Sex Becomes Work for Women in Different-Sex Couples Trying to Become Pregnant**  
 Eliza Brown\*, *University of California Berkeley*

## 166 Fertility Preferences, Desires, and Intentions

CHAIR: Claudia Geist, *University of Utah*

DISCUSSANT: Emily Marshall, *Franklin and Marshall College*

2:00 PM-3:15 PM — M109

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166-1 **Flexible Fertility Preferences Under Low Fertility Context: Evidence From China**  
 Huimeng (Iris) Zhao\*

166-2 **Changing Fertility Ideals? Differences Between 1970s, 1980s, and Early-1990s Birth Cohorts From Finland**  
 Kateryna Savelieva\*; Natalie Nitsche, *Max Planck Institute for Demographic Research*; Venla Berg, *Population Research Institute, Väestöliitto*; Anneli Miettinen, *Kela, the Social Insurance Institution of Finland*; Anna Rotkirch, *Population Research Institute*; Markus Jokela, *University of Helsinki*

166-3 **College Enrollment and Attainment and Fertility Goals Among Young Adults in the United States**  
 Karen Guzzo\*, *Bowling Green State University*; Sarah Hayford, *The Ohio State University*

166-4 **Family Norms in Flux? The Two-Child Norm in the United States Reevaluated**  
 Julia Behrman\*, *Northwestern University*

## 167 Family Planning Policies and Politics

CHAIR: Adenife Modile,

DISCUSSANT: Payal Hathi, *UC Berkeley*

2:00 PM-3:15 PM — M304

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167-1 **"When They Force a Woman, It's to Save her Life": Community Perceptions of Contraceptive Coercion**  
 Leigh Senderowicz\*, *University of Wisconsin-Madison*; Al Kolenda, *University of Wisconsin-Madison*; Talia Eiseman, *University of Wisconsin-Madison*; Bhavana Suvarna, *University of Wisconsin-Madison*

167-2 **Family Planning: An Unmet Need for a Paradigm Shift**  
 Julianne Weis\*, *United States Agency for International Development*; Alexandria Mickler, *Johns Hopkins University*; Apoorva Jadhav, *United States Agency for International Development*; Mihira Karra, *United States Agency for International Development*

167-3 **Impact of the "Protecting Life in Global Health Assistance" (PLGHA) Policy on Health Service Delivery in Sub-Saharan Africa**  
 Nina Brooks\*, *University of Connecticut*; Matt Gunther, *University of Minnesota*; Eran Bendavid; Elizabeth Boyle, *University of Minnesota*; Kathryn Grace, *University of Minnesota, Twin Cities*; Grant Miller, *Stanford University*

167-4 **The Spread of Developmental Idealism Through the International Political and Aid Multiplex Network and Its Impact on Fertility Transitions, 1962–2013**  
 Joan Ryan\*, *University of Pennsylvania*

## 168 Gender, Sexual Orientation, and Family Demographic Processes

CHAIR: Amanda Pollitt, *Northern Arizona University*

DISCUSSANT: Allen Mallory, *University of Texas Austin*

DISCUSSANT: TBD Discussant,

2:00 PM-3:15 PM — International 8

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168-1 **Changing Couple-Level Socioeconomic Predictors of Marriage Among Same-Sex and Different-Sex Couples in Canada, 2006–2016**  
 Cih-lan Winnie Yang\*, *McGill University*

168-2 **Family Formation Trajectories and Cohort Change Among Sexual Minorities**  
 Ariane Ophir\*, *Centre for Demographic Studies*; Diederik Boertien, *Centre for Demographic Studies (CED)*; Sergi Vidal, *Centre for Demographic Studies*

168-3 **Unpaid Housework and Childcare Time at the Intersection of Gender and Sexuality**  
 Haoming Song\*, *Brown University*

168-4 **Sexual Orientation, Gender, and Caregiving Among U.S. Adults**  
 Zhe Zhang\*, *Rice University*; Madeline Smith-Johnson; Bridget Gorman, *Rice University*

## 169 Racism, Xenophobia, and Pain in Population Health Disparities

CHAIR: Solveig Cunningham, Emory University

DISCUSSANT: Michael Esposito, Washington University in St.

Louis

2:00 PM-3:15 PM — M106

### 169-1 The Police Killing of George Floyd and Mental Health Among Black Americans

Abhery Das\*, University of California, Irvine

### 169-2 Racial Discrimination and Mental Health Among Asian Americans During the COVID-19 Pandemic

Teresa Swartz\*; Claire Kamp Dush, University of Minnesota; Xiaowen Han, University of Minnesota; Miranda Berrigan, The Ohio State University; Wendy Manning, Bowling Green State University; Katie Nguyen, University of Minnesota

### 169-3 The U.S. 2016 Election and Racialized Health Outcomes for Infants Born to U.S.-born and Immigrant Mothers

Paola Langer\*; Erin Hamilton, University of California, Davis; Caitlin Patler, University of California, Davis

### 169-4 Pain Disparities Between White, Minority, and Indigenous Canadians

Anthony Jehn\*; Anna Zajacova, University of Western Ontario; Zachary Zimmer, Mount Saint Vincent University

## 170 Internal Migration and Development

CHAIR: Amy Spring, Georgia State University

DISCUSSANT: Ernesto Amaral, Texas A&M University

2:00 PM-3:15 PM — M103

### 170-1 The Relative Role of Homicides, Extortions, Injuries, and Kidnapping in Internal Migration in Honduras

Estela Rivero Fuentes\*, University of Notre Dame

### 170-2 Internal Migration and Rural Inequalities in India

Chhavi Tiwari\*, Indian Institute of Management Ranchi

### 170-3 The Effect of Urban Migration on Educational Attainment: Evidence From Africa

Raoul van Maarseveen\*

### 170-4 Reexamining a Classical Question: Does Development Push Migration?

Karina Acosta\*, Cornell University

## 171 Flash: New Data and Methods in Migration Research

CHAIR: Christopher Levesque, University of Minnesota

2:00 PM-3:30 PM — International 6

### 171-1 Bilateral International Migration Flow Estimates Updated and Refined by Sex

Guy Abel\*, Asian Demographic Research Institute

### 171-2 Measurement of Migration in Cameroonian Censuses, 1976–Present

Teke Takwa\*, Central Population for Censuses and Population Studies, BUCREP; TABAKO TATAW NKENG; Molemba Ottok Alex, PhD Student, Department of Geography, University of Yaoundé 1

### 171-3 Using the Census Bureau's Master Address File for Migration Research

John Sullivan\*, U.S. Census Bureau; Katie Genadek, U.S. Census Bureau

### 171-4 Afghan Allies Population Estimate

Phillip Connor\*, FWD.us

### 171-5 Internal Versus International Scholarly Mobility and Migration Worldwide

Aliakbar Akbaritabar\*, Max Planck Institute for Demographic Research; Xinyi Zhao, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research

### 171-6 EU-15 Immigrants Language Integration on Twitter

Sofia Gil-Clavel\*, Max Planck Institute for Demographic Research; Andre Grow, Max Planck Institute for Demographic Research; Maarten Bijlsma, Max Planck Institute for Demographic Research

### 171-7 Nighttime Lights, Population, and GDP: A Spatial Analysis on Migration in European Countries

Xi Chen\*, Quinnipiac University

### 171-8 Cognitive Abilities, Gender, and Migration Aspirations

Alicia Adsera\*, Princeton University; Till Nikolka, German Youth Institute; Panu Poutvaara, University of Munich and Ifo Institute



## 172 Innovative Data and Methods for Population and Environmental Research

CHAIR: Andrew Foster, Brown University

DISCUSSANT: Joshua Wilde, Max Planck Institute for Demographic Research

DISCUSSANT: Elizabeth Fussell, Brown University

2:00 PM-3:15 PM — International 1

### 172-1 Muddied Waters: New Data Approaches for Studying Environmental Injustice in the Mississippi River Delta Region

Rachel Rosenfeld\*, University of Wisconsin–Madison

### 172-2 Multiscale Demographically Informed Exposure Assessment to Different Flood Types in India

Hamidreza Zoraghein\*, Population Council; Jessie Pinchoff, Population Council; Hasim Engin, Center for International Earth Science Information Network; Deborah Balk, CUNY Institute for Demographic Research; Mark Montgomery, Population Council

### 172-3 Does Environmental Perception Matter? Using Twitter Data to Explore the Mediating Effects of Environmental Risk Perception on Out-Migration From Coastal Alaska

Jessica Miller\*, Pennsylvania State University; Junjun Yin, Pennsylvania State University; Guangqing Chi, Pennsylvania State University

### 172-4 Climate Change, Desertification, and Internal Migration: New Evidence From Global Census Data

Roman Hoffmann, Wittgenstein Centre for Demography and Global Human Capital; Guy Abel, Asian Demographic Research Institute; Raya Muttarak\*, International Institute for Applied Systems Analysis; Maurizio Malpede, Bocconi University; Marco Percoco, Bocconi University

## 173 “Lifting the Veil”: Navigating Academia for Underrepresented Early Career Demographers

CHAIR: Hedwig Lee, Washington University in St. Louis

DISCUSSANT: Tyson Brown, Duke University

2:00 PM-3:15 PM — International 3

### 173-1 Panelist

Tyson Brown\*, Duke University

### 173-2 Panelist

René Flores\*, University of Chicago

### 173-3 Panelist

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

### 173-4 Panelist

Hedwig Lee\*, Washington University in St. Louis

## P7 Mortality and Morbidity, COVID-19, Data and Methods

2:30 PM-4:00 PM — Marquis Ballrooms A-D (Posters)

### P7 Black–White Differences in the Rural Lifespan Variation Penalty

Benjamin Walker\*, Mississippi State University; Dustin Brown, Mississippi State University

### P7 Elevated Risk of Homicide-Suicide Perpetration Among Law Enforcement: A Population-Based Study Using Multiple Frames

Esteban Valencia\*; Thomas Lumley, University of Auckland; Mary Kernic, University of Washington

### P7 Differentials in the Life Expectancy at Birth in India: A Socioeconomic Analysis Based on NFHS Survey, 2015–2016

Nilesh Yadav\*; Pawan Kumar Yadav, International Institute For Population Sciences, India, Mumbai-400088; Aniket Bhushan, International Institute for Population Sciences; Sunil Kumar Yadav, International Institute for Population Sciences; ARISH QAMAR; Lalit Kumar Rawat, International Institute for Population Sciences

### P7 Intersecting Racial and Socioeconomic Inequalities in Multimorbid Life Expectancy in South Africa: A Multistate Modeling Approach

Anastasia Lam\*, University of St Andrews & Max Planck Institute for Demographic Research; Katherine Keenan; Hill Kulu, University of St Andrews; Mikko Myrskylä, Max Planck Institute for Demographic Research

### P7 The Impact of Perinatal Mental Illness, Opioid Use Disorder, and Dual Diagnosis on Early CPS Referral

Angela Ablaberdieva\*; Lawrence Berger, University of Wisconsin–Madison; Deborah Ehrenthal, Pennsylvania State University

### P7 Trends in Life Expectancy and Lifespan Variation at Midlife Within and Between Urban and Rural Areas, 1999–2019

Michael Topping\*, University of Wisconsin

### P7 Mortality Indicators for Beneficiaries of the RGPS and Assistance Support for the Elderly: A Preliminary Exercise Based on INSS Records

GRAZIELA ANSILIERO; Felipe Azevedo\*



- P7 **Years of Life Lost During the COVID-19 Pandemic by Care Status in Sweden**  
 Marcus Ebeling\*, *Max Planck Institute for Demographic Research*; Enrique Acosta, *Max Planck Institute for Demographic Research*; Hal Caswell, *University of Amsterdam*; Anna Meyer, *Karolinska Institutet*; Karin Modig, *Karolinska Institutet*
- P7 **Community Clustering of Under-5 Mortality in India: A Parametric Survival Regression Modeling Approach**  
 Wahengbam Bigyananda Meitei\*, *International Institute for Population Sciences*; Abhishek Singh, *International Institute for Population Sciences*
- P7 **Verbal and Social Autopsy of Adult Deaths in Mozambique, 2019**  
 Md Hafizur Rahman\*, *Johns Hopkins Bloomberg School of Public Health*
- P7 **Contextualizing Health Behavior: Are Individuals Who Engage in Risky Sexual Behavior Likely to Wear Facemasks Against COVID-19?**  
 Yemi Adewoyin\*, *University of Nigeria*; Chukwuedozie Ajaero, *University of Nigeria, Nsukka*; Clifford Odimegwu, *University of Witwatersrand*
- P7 **Trends in Adult Mortality Rates in India, 1970–2018: Age-Period-Cohort Analyses**  
 Sheuli Misra\*, *Jawaharlal Nehru University*
- P7 **The Most Lethal Police Departments Kill 5.9 Times More Often Than the Least Lethal Departments, Net of Risk to Officers**  
 Josh Gagné\*, *Stanford University*
- P7 **Care Seeking for Self-reported Maternal Complications Among Mothers of Stillbirths and Neonatal Deaths in Mozambique**  
 Alain Koffi\*, *Johns Hopkins University, Bloomberg School of Public Health*; Gilberto Nhature, *Instituto Nacional de Estatística (INE), Maputo Mozambique*; Celso Monjane, *Instituto Nacional de Saude (INS), Maputo Mozambique*; Emma Williams, *Johns Hopkins University, Bloomberg School of Public Health*; Agbessi Amouzou, *Johns Hopkins University, Bloomberg School of Public Health*
- P7 **The Identifiable Trend From Age-Period-Cohort Models Is Not Unique**  
 Bendix Carstensen\*
- P7 **Does Decentralization Affect Health Outcomes? Evidence From Kenya**  
 Bishnu Thapa\*, *Brown University, School of Public Health*
- P7 **Environmental Health Problems Among Children in North Eastern States of India**  
 Sourav Dey\*, *International Institute for Population Sciences*; Atanu Ghosh, *Bankura Christian College*; Rajdeep Singha, *Tata Institute of Social Sciences*
- P7 **Who Wants and Has Access to Support During Childbirth? An Examination of Integrating Support Persons Into Maternity Care in Kenya**  
 Michelle Nakphong\*, *UCLA Fielding School of Public Health*; Patience Afulani, *University of California, San Francisco*; May Sudhinaraset, *UCLA Fielding School of Public Health*
- P7 **Spatial Association Between Agriculture and Child Nutrition in India: A District-Level Analysis**  
 Deepshikha Dey\*, *International Institute for Population Sciences*; Arup Jana
- P7 **Geographic Inequalities in Under-5 Child Mortality in Burkina Faso: An Analysis of the Last Three Censuses (1996, 2006, 2019)**  
 Hervé Bassinga\*, *ISSP*
- P7 **The Immigrant Mortality Advantage Among Middle Eastern and North African Immigrants to the United States**  
 Elyas Bakhtiari, *William & Mary*; Jacinta Das\*, *William and Mary*
- P7 **Obesity Deaths: How Different Coding Schemas Affect U.S. Life Expectancy Estimates**  
 Andrea Tilstra\*, *Leverhulme Centre for Demographic Science*; Jennifer Dowd, *University of Oxford*; Iliya Gutin, *University of Texas at Austin*; José Manuel Aburto, *University of Southern Denmark*
- P7 **The Household Presence of Older Malawians in COVID-19 Prevention Behavior and Risk Perceptions**  
 Tyler Myroniuk\*, *University of Missouri*; Iliana Kohler, *University of Pennsylvania-Population Studies Center*; Hans-Peter Kohler, *University of Pennsylvania*
- P7 **Satellites, Fires, and COVID Deaths in India**  
 Harlan Downs-Tepper\*, *Duke University Sanford School of Public Policy*
- P7 **Blood at the Root: The Relationship Between Historical Lynching and Contemporary Infant Mortality**  
 Rebecca Abbott\*, *University of Illinois at Chicago*; Amy Bailey, *University of Illinois at Chicago*; Elizabeth Breen, *University of California, Berkeley*; Margaret Hicken, *University of Michigan*; Michael Kramer, *Emory University*
- P7 **The Contribution of Avoidable Mortality to Life Expectancy Differences and Life Span Disparities in the European Union**  
 Rok Hrzic\*, *Maastricht University*; Tobias Vogt, *University of Groningen*
- P7 **Traumatic Brain Injury in the Elderly as a Risk Factor for Alzheimer's Disease and Related Dementias: Short-Term or Long-Term Risk?**  
 Arseniy Yashkin\*, *Duke University*; Igor Akushevich, *Duke University*; Galina Gorbunova; Anatoliy Yashin, *Duke University*

- P7 **Impact of Child Undernutrition on Child Mortality: A Geospatial Analysis**  
Apoorva Nambiar\*, *IITB- Monash Research Academy*; Abhishek More; Satish B Agnihotri, *IIT Bombay*; Ayushi Jain, *IIT Bombay*; Ashish Singh, *Indian Institute of Technology Bombay, India*; Arunachalam Dharmalingam, *Monash University*
- P7 **Constructing the Opioid Epidemic: Disrupting White Revisionist Narratives**  
Sabrina Sanchez\*, *University of Wisconsin-Madison*
- P7 **Intimate Partner Violence and Postpartum Health Care Access Among Postpartum Women in Kenya During COVID-19**  
Rebecca Woofter\*; May Sudhinaraset, *UCLA Fielding School of Public Health*; Ginger Golub, *Institute for Poverty Action*; John Mboya, *Institute for Poverty Action*
- P7 **The Missing Millions: A Review of Six Explanations for Low COVID-19 Cases and Deaths in the African Region**  
Tara McKay\*, *Vanderbilt*; Rufus Stewart; Nicole Angotti, *American University*; Serena Musungu, *Vanderbilt University*
- P7 **Spatially Varying Associations Between Sociodemographic Factors and COVID-19 Mortality of U.S. Counties**  
Yue Sun\*, *Syracuse University*
- P7 **Sex Differences in COVID-19 Mortality in the United States: A State-Level Analysis**  
Simona Bignami, *Université de Montréal*; Pietro Violo\*; Timothy Riffe, *Max Planck Institute for Demographic Research*; Enrique Acosta, *Max Planck Institute for Demographic Research*; Daniela Ghio, *Joint Research Centre European Commission*
- P7 **Social Contact in COVID-19 Pandemic: What Could We Learn From Survey Data on Activities?**  
Xingyun Wu\*, *Johns Hopkins University*; Wenxuan Huang, *Johns Hopkins University*; Lingxin Hao, *Johns Hopkins University*
- P7 **COVID-19 and Family Formation: Evidence From Young Adults in California**  
Margaret Gough Courtney\*, *University of La Verne*
- P7 **Impact of the COVID-19 Pandemic on Mental Health Care Consultations Among Children and Adolescents in Norway: A Nationwide Registry Study**  
Miriam Evensen, *Norwegian Institute of Public Health*; Ranneveig Hart\*; Anna Godøy, *Norwegian Institute of Public Health*; Lars Johan Hauge, *Norwegian Institute of Public Health*; Ingunn Olea Lund, *Norwegian Institute of Public Health*; ARISH QAMAR; Maja Grøtting, *Norwegian Institute of Public Health*; Pål Suren, *Norwegian Institute of Public Health*; Anne Reneflot, *Norwegian Institute of Public Health*
- P7 **Characteristics of Eviction Filings Before and After the COVID-19 Pandemic in Bexar County, Texas**  
Federico Ghirimoldi\*, *Bexar County*; Gabriela Sanchez-Soto, *Rice University*
- P7 **The Impact of the COVID-19 Pandemic on Women's Care Work and Employment in the Middle East and North Africa**  
Caroline Krafft\*, *St. Catherine University*; Irene Selwaness, *Cairo University -Egypt*; Maia Sieverding, *American University of Beirut*
- P7 **Identifying the Transmission Channels of COVID-19 Impact on Poverty and Food Security in Refugee-Hosting Districts of Uganda**  
Margherita Squarcina\*
- P7 **COVID-19 Births: Dip and Rebound in the United States**  
Anne Morse\*, *US Census Bureau*
- P7 **Gender Differential in e0 Caused by Excess Mortality of COVID-19 in India**  
Suryakant Yadav\*, *International Institute for Population Sciences*; Pawan Kumar Yadav, *International Institute For Population Sciences, India, Mumbai-400088*
- P7 **Sociodemographic and Policy Factors Associated With the Transmission of COVID-19: Analyzing Longitudinal Contact Tracing Data From a Northern Chinese City**  
Han Liu\*, *State University of New York at Albany*; Ted London; Shiyong Zhang, *Shijiazhuang Center for Disease Prevention and Control*; Lihua Liu, *Shijiazhuang Center for Disease Prevention and Control*
- P7 **Analysis and Forecast of the Peak and Size of First Wave of COVID-19 Pandemic in India**  
Pawan Kumar Yadav\*, *International Institute For Population Sciences, India, Mumbai-400088*; Suryakant Yadav, *International Institute for Population Science*
- P7 **Communication via Phone, Email, and Video With Health Care Providers Varied Among Rural and Non-Rural Elderly During the COVID-19 Pandemic and May Have an Impact on Whether Needed Care Was Delayed**  
Bobbie Johannes\*, *University of Michigan*
- P7 **Why Is There Likely to Be a Baby Boom in India? A Qualitative Perspective Into the Reasons and Implications of Increased Child-birth in India During Pandemic Period**  
ARISH QAMAR\*

- P7 **The Unequal Burden of the COVID-19 Pandemic: Racial/Ethnic Disparities in U.S. Cause-Specific Mortality**  
Anneliese Luck\*, *University of Pennsylvania*; Samuel Preston, *University of Pennsylvania*; Irma Elo, *University of Pennsylvania*; Andrew Stokes, *Boston University*
- P7 **Gender Differences in the Impact of the COVID-19 Pandemic on Psychological Well-being**  
James M Raymo\*, *Princeton University*; Fumiya Uchikoshi, *Princeton University*; Shiina Yuri, *Princeton University*
- P7 **How the Neighborhood Environment Shapes the Distribution of an Infectious Disease: Early Findings From the COVID Neighborhood Project**  
Grace Noppert, *University of Michigan*; Sonia Hegde, *Johns Hopkins University*; Robert Melendez, *University of Michigan*; Andrew Hoover\*, *University of Michigan*; Megan Chenoweth, *University of Michigan*; Philippa Clarke, *University of Michigan*
- P7 **Family Communication and Family Ties in the Wake of the COVID-19 Pandemic**  
Megan Reed\*, *University of Pennsylvania*; Lauren Harris, *University of Pennsylvania*; Luca Maria Pesando, *Department of Sociology and Centre on Population Dynamics, McGill University*; Linda Li, *Columbia University*; Frank Furstenberg, *University of Pennsylvania*; Julien Teitler, *Columbia University*
- P7 **Emerging Inequalities: The Role of Family and Gender in Work-to-School Transitions During the COVID-19 Pandemic**  
Dafna Gelbgiser, *Tel Aviv University*; Efrat Herzberg\*, *Tel-Aviv University*
- P7 **Better Off Alone? Living Arrangements and COVID-19 Among Older Brazilians**  
Flavia Andrade\*, *University of Illinois*; Nekehia Quashie, *TU Dortmund University*; Luisa Schwartzman
- P7 **Sociodemographic Differences in COVID-19 Testing Use and Test-Result Wait Times Among Medicare Beneficiaries**  
Meredith Passero\*, *NORC at the University of Chicago*; Shawn Linman, *NORC at the University of Chicago*; Praveen Karunatileka, *NORC at the University of Chicago*; Jennifer Titus, *NORC at the University of Chicago*
- P7 **Migratory Responses to the COVID-19 Pandemic in Southern European Urban and Rural Areas: A Case Study of Spain**  
Miguel González-Leonardo\*, *Centre for Demographic Studies*; ARISH QAMAR; Joaquín Recaño, *Centre for Demographic Studies*
- P7 **A Difference-in-Difference Analysis of COVID-19 Widowhood and Mental Health**  
Haowei Wang\*, *Pennsylvania State University*; Emily Smith-Greenaway, *University of Southern California*; Shawn Bauldry, *Purdue University*; Rachel Margolis, *University of Western Ontario*; Ashton Verdery, *Pennsylvania State University*
- P7 **Economic Stress of People 50+ in European Countries in the Covid-19 Pandemic: Do Country Policies Matter?**  
Agnieszka Chlon-Dominczak\*, *Szkoła Główna Handlowa w Warszawie*; Dorota Holzer-Żelażewska, *Szkoła Główna Handlowa w Warszawie*
- P7 **Population Vulnerability and Responses to COVID-19 Lockdown in Greece**  
Lydia Xourafi, *National Kapodistrian University of Athens*; Anastasia Kostaki\*, *Athens University of Economics & Business*; Polyxeni Sardi, *Athens University of Economics and Business*; Byron Kotzamanis
- P7 **Estimates of Pandemic Excess Mortality in India Based on Civil Registration Data**  
Murad Banaji, *Middlesex University*; Aashish Gupta\*, *Population Studies Center, University of Pennsylvania*
- P7 **Mental Health Care Infrastructure and Individual Help-Seeking During the COVID-19 Pandemic**  
Annette Jacoby, *Independent*; Yuanfei Li\*, *University at Albany, SUNY*
- P7 **Delivery of Routine Child Vaccines in India During the COVID-19 Pandemic**  
Averi Chakrabarti\*; Elizabeth Bair; Harsha Thirumurthy, *University of Pennsylvania*
- P7 **COVID-19 Associated With Delayed Initiation of Antenatal Care in Kenya**  
Amanda Landrian\*, *UCLA Fielding School of Public Health*; May Sudhinaraset, *UCLA Fielding School of Public Health*; Corrina Moucheraud, *University of California, Los Angeles*; Ginger Golub, *Innovations for Poverty Action*; John Mboya, *Innovations for Poverty Action*; Stella Kepha, *Kenya Medical Research Institute*
- P7 **Financial Insecurity and Essential Workers: How COVID Prioritized Low-Wage Workers While Heightening Their Disadvantage**  
Lindsay Monte\*, *U.S. Census Bureau*; Lynda Laughlin, *U.S. Census Bureau*
- P7 **COVID-19 Vaccine Hesitancy in Delaware's Underserved Communities**  
Sharron Wang-Goodman\*, *Delaware State University*; Nicole Bell Rogers, *Delaware State University*; Dorothy Dillard, *Delaware State University*; Melissa Harrington, *Delaware State University*
- P7 **COVID-19 In-Hospital Mortality in Europe: An Empirical Assessment**  
Simona Bignami\*, *Université de Montréal*; Daniela Ghio, *Joint Research Centre European Commission*; Nikolaos Stilianakis, *Joint Research Centre European Commission*

- P7 **Stillbirths in Germany: On the Rise, but No Additional Increases During the First COVID-19 Lockdown**  
Maxi Kniffka\*, Natalie Nitsche, *Max Planck Institute for Demographic Research*; Roland Rau, *University of Rostock*; Mine Kühn, *Max Planck Institute for Demographic Research*
- P7 **The Perceived Risk Perception Due to COVID and Intimate Partner Violence: Findings From a Cross-Sectional Survey in India**  
Ajay Singh\*, *IPE Global*; Ruchi Jain, *National Council of Applied Economic Research*
- P7 **Changes in Contact Patterns Associated to Increasing Restrictions and the Impact on COVID-19 Transmissibility: A Case Study in the Metropolitan City of Milan**  
Filippo Trentini\*, *Bocconi University*; Adriana Manna; Nicoletta Balbo, *Bocconi University*; Piero Poletti; Alessia Melegaro, *Bocconi University*
- P7 **Vaccine and COVID-19 Trajectories**  
Kate Choi\*, *University of Western Ontario*; Patrick Denice, *University of Western Ontario*; Sagi Ramaj, *University of Toronto*
- P7 **Incomplete Program Take-up During COVID: Evidence From Utah**  
Marianne Bitler\*, *University of California, Davis*; Jason Cook, *University of Utah*; Danea Horn, *University of California, Davis*; Nathan Seegert, *University of Utah*
- P7 **Impact of COVID-19 on Fertility in Sub-Saharan Africa: What Do We Know and What Could We Expect?**  
Jacques Emina\*, *University of Kinshasa*
- P7 **Income Loss and Mental Health Outcomes During the COVID-19 Pandemic in the United States: Heterogeneous Associations by Race and Exposure to Co-Racial/Ethnic Residents in Metropolitan Areas**  
Ying Huang\*, *University of Texas at San Antonio*; Corey Sparks, *University of Texas at San Antonio*
- P7 **COVID-19 in The Neighborhood: The Socio-spatial Selectivity of Severe COVID-19 Cases in Sweden, March 2020–June 2021**  
Juta Kawalerowicz\*, Bo Malmberg, *Stockholm University*; Eva Andersson, *Stockholm University*; Agneta Cederstrom, *Stockholm University*
- P7 **Differences in Perceptions of COVID Risks in a Fishing Community in Alaska, 2020–2021**  
Alaska-Anchorage; Davin Holen, *University of Alaska Fairbanks*; Guangqing Chi, *Pennsylvania State University*
- P7 **COVID-19 Fatality in Germany: Demographic Determinants of Variation in Case-Fatality Rates Across and Within German Federal States During the First and Second Waves**  
Saskia Morwinsky\*, *Max Planck Institute for Demographic Research*; Natalie Nitsche, *Max Planck Institute for Demographic Research*; Enrique Acosta, *Max Planck Institute for Demographic Research*
- P7 **The Impact of COVID-19 on Family Planning and Sexual Behavior Among Adolescents in Kenya and Burkina Faso**  
Claire Silberg\*, *Johns Hopkins Bloomberg School of Public Health*; Fiacre Bazie, *University of Ouagadougou*; Peter Gichangi, *International Centre for Reproductive Health*; Georges Guiella, *University of Ouagadougou*; Yentéma Onadja, *University of Ouagadougou*; Mary Thiongo, *International Centre for Reproductive Health*; Philip Anglewicz, *Bill and Melinda Gates Institute for Population and Reproductive Health*
- P7 **Predicting COVID-19 Transmission Waves in Indian States Using the SVEIRD Mathematical Model**  
Swagata Mandal\*, *International Institute for Population Sciences*; Sayeed Unisa, *International Institute for Population Sciences*
- P7 **Stress/Depression in Denmark From Before the First COVID-19 Lockdown to After the Second Wave**  
Marcelo Cardona\*, Peter Fallesen, *Rockwool Foundation*; Lars Andersen, *Rockwool Foundation Research Unit*; Tim-Allen Bruckner, *University of California, Irvine*
- P7 **Correlates of COVID-19 Vaccine Hesitancy: Insights From Georgia**  
Cynthia Buckley, *University of Illinois, Urbana Champaign*; Katherine Irani\*, *Washington University, St. Louis*
- P7 **Who Will Remember COVID-19? Demographic Memory After a Global Pandemic**  
Mallika Snyder\*, *University of California, Berkeley*; Diego Albrez-Gutierrez, *Max Planck Institute for Demographic Research*; Emilio Zagheni, *Max Planck Institute for Demographic Research*; Ashton Verdery, *Pennsylvania State University*
- P7 **Non-COVID-19 Causes of Death During the COVID-19 Pandemic in a Large American City, 2020–2021**  
Megan Todd\*, *Philadelphia Department of Public Health*; Annaka Scheeres, *Philadelphia Department of Public Health*
- P7 **COVID-19 and the Unintended Effects of Stay-at-Home Orders on Abortions Among Adolescent Women**  
Biani Saavedra\*, *Center for Research and Teaching in Economics (CIDE)*; Fernanda Marquez-Padilla; Blair Darney, *Oregon Health & Science University*



- P7 **Airbnb and the Housing Market in the COVID-19 Pandemic: A Comparative Study of Barcelona and Lisbon**  
Nachatter Singh, *Universidad de Coruña*; Alda Azevedo\*, *ICS, Lisboa*
- P7 **Paid Work, Unpaid Family Work, and Subjective Well-being During COVID-19: A Study on the Effects of Lockdown Measures in Italy**  
Marina Zannella\*, *Sapienza, University of Rome*; Alessandra De Rose, *University of Rome-La Sapienza*
- P7 **Would Individuals Vaccinate Against COVID-19 Because of Their Risk Belief, Health Status, or Because They Are Familiar With a COVID Case? Evidence From South Africa**  
Yemi Adewoyin, *University of Nigeria*; Nkem Adeyemi-Adewoyin\*, *University of Ibadan*; Clifford Odimegwu, *University of Witwatersrand*
- P7 **Spatial Inequality in COVID-19 Cases and Deaths Across Different Stages of the Pandemic in the United States**  
Daesung Choi\*, *University of Pennsylvania*; Neil Mehta, *University of Texas Medical Branch at Galveston*; Shivani Patel, *Emory University*
- P7 **Fine Resolution Dasymetric Mapping of Population Distribution for Development Applications**  
Shraban Sarkar\*; Alokannanda Ghosh, *University of Burdwan*; Archana Roy, *International Institute for Population Sciences*
- P7 **Using Multilevel Regression With Post-Stratification to Improve Abortion Incidence Estimation**  
Marija Pejčinovska\*; Monica Alexander, *University of Toronto*
- P7 **Modeling Contextual Determinants of Rising Adult Modal Age at Death in High-Income Countries**  
Nadine Ouellette\*, *Université de Montréal*; Marielle Côté-Gen-dreau; Pietro Violo
- P7 **Is There a Biological Maximum Human Lifespan? Evidence From Bayesian Estimates of the Demographic Rate of Cohort Aging in Rich Industrialized Countries**  
David McCarthy\*, *University of Georgia*; Po-Lin Wang, *University of South Florida*
- P7 **The COVID-19 Middle East and North Africa Monitor: Panel Phone Surveys for Frequent Measures of Livelihoods, Shocks, and Coping**  
Caroline Krafft, *St. Catherine University*; Ragui Assaad\*, *University of Minnesota*; Mohamed Ali Marouani, *University of Paris 1 Panthéon-Sorbonne University and the International Center of Agricultural Research for Development in Tunisia*; May Gadalla, *Cairo University*
- P7 **Integrating Empirical Life Table Estimation and Population Reconstruction in Countries With HIV Epidemics**  
Kai Hon Tang\*; Jeffrey Eaton, *Imperial College*
- P7 **Flexible Modeling of Transition Processes via Bayesian Spline Rate Models With Application to Estimating and Projecting Modern Contraceptive Use**  
Herbert Susmann\*, *University of Massachusetts Amherst*; Leontine Alkema, *University of Massachusetts Amherst*
- P7 **Investigating Excess Mortality Among Older U.S. Adults During and After the Anomalous-ly Severe 1980 Heat Wave**  
Serge Atherwood\*, *University of California, Berkeley*
- P7 **Identification and Mitigation of Gender Bias in Fall Prediction Using Machine Learning**  
Daniel Vigild\*
- P7 **A Parameterization to Describe Change in Modern U.S. Fertility Schedules**  
Amanda Stevenson, *University of Colorado, Boulder Department of Sociology*; James Flynn\*
- P7 **The Causal Effect of Leave Duration After Childbirth on Smoking Behavior in Later Life**  
Anna-Theresa Renner, *Vienna University of Technology*; Mu-jaheed Shaikh, *Hertie School Berlin*; Sonja Spitzer\*, *University of Vienna, Wittgenstein Centre for Demography and Global Human Capital (IIASA, OeAW, University of Vienna)*
- P7 **Survey Design to Capture Migration Phenomenon at the Place of Origin: A Case of Middle Ganga Plain, India**  
Archana Roy\*, *International Institute for Population Sciences*; RB Bhagat, *International Institute for Population Sciences*; Kailash Das, *International Institute for Population Studies*; Sunil Sarode, *International Institute for Population Sciences*; Reshmi R. S., *International Institute for Population Sciences*
- P7 **Optimal Control of the Health and Economic Impacts of COVID-19 via Nonpharmaceutical Intervention**  
Nicholas Irons\*; Zaid Harchaoui, *University of Washington*; Adrian Raftery, *University of Washington*
- P7 **How Does Media Usage Lead to Changes in Behavior and Decisions in the Time of COVID-19?**  
Sumiran Chandra\*, *National Council of Applied Economic Research*; Santanu Pramanik, *National Council of Applied Economic Research*; Debasis Barik, *National Council of Applied Economic Research*
- P7 **Potential Demographic Dividend for India, 2001–2061: A Macro-Simulation Projection Using the Spectrum Model**  
Neha Jain\*, *Jawaharlal Nehru University*



- P7 **Adversity Childhood Experiences: How Do the States Rank?**  
Anh Do\*, Mamunur Rashid; Jyotirmoy Sarkar, IUPUI
- P7 **Wages, Unions, and Smoking: An Instrumental Variables Analysis**  
J. Paul Leigh, University of California, Davis; Bozhidar Chakalov\*, University of California, Davis
- P7 **Ex-Post Evaluation of COVID-19 Mortality Forecast Models**  
Ricarda Duerst\*, Max Planck Institute for Demographic Research; Christina Bohk-Ewald, University of Helsinki
- P7 **Are Traditional Surveys Missing the Night Owls?**  
Abhinav Motheram\*
- P7 **Machine Learning Algorithms for Predicting Elderly Abuse in India**  
Puja Goswami\*
- P7 **Using a Bayesian Structural Time Series Model to Investigate the Impact of COVID Vaccine Incentives in the United States**  
Jinyuan Qi\*, Princeton University
- P7 **Regional Differences in the Effects of Education on Parity Progression Ratios in Ethiopia: A Random Effect Sequential Probit Modeling Approach**  
Gebrenegus Ghilagaber\*, Stockholm University; Paraskevi Peristera, Stockholm University
- P7 **Talking About the Jab: Medical Professionals' Expressions of Vaccine Hesitancy Online**  
Ihsan Kahveci\*, University of Washington; Zack Almquist, University of Washington; Zach Hsiao, University of Washington; Kolina Koltai, University of Washington; Emma Spiro, University of Washington
- P7 **What's a Parent to Do? Measuring Parenting Styles in the United States With Topic Modeling for Short Texts**  
Orestes Hastings\*, Colorado State University; Luca Maria Pesando, Department of Sociology and Centre on Population Dynamics, McGill University
- P7 **Further Extensions of the Extended Generalized Gamma Model and Their Application to Bayesian Modeling of Family Initiation in Eritrea**  
Yuli Liang, Örebro University; Gebrenegus Ghilagaber\*, Stockholm University
- P7 **Wealth and Child Mortality in the Nineteenth-Century United States: Evidence From Three Panels of American Couples, 1850–1880**  
J. David Hacker\*, University of Minnesota; Martin Dribe, Lund University; Jonas Helgertz, University of Minnesota/Lund University
- P7 **Sampling, Group Belonging, and Questionnaire: The National Surveys of U.S. Jews, 1970–2020**  
Uzi Rebhun\*, Hebrew University of Jerusalem
- P7 **Leveraging Data From Facebook's COVID-19 Symptom Survey to Forecast Coronavirus Cases in India**  
Abhinav Motheram\*
- P7 **Why Your Microsimulation Misses the Mark: Identifying and Solving Sources of Divergence Between Microsimulation and Cohort Component Models of Population Change**  
Rachel Bacon\*, Center for Mind and Culture; George Hodulik, Center for Mind and Culture; David Voas, University College London; Wesley Wildman, Boston University; Ivan Puga-Gonzalez, University of Agder
- P7 **Leveraging Deep Neural Networks to Estimate Age Specific Mortality From Life Expectancy at Birth**  
Andrea Nigri\*, Sapienza, University of Rome; José Manuel Aburto, University of Southern Denmark; Susanna Levantesi, Sapienza University of Rome
- P7 **Adult Death Registration Before and During the COVID-19 Pandemic: Evidence From a Rural Area of Bangladesh**  
M Haider\*; Nurul Alam, icddr,b; M Haider; Md Rahman, icddr,b; Stephane HELLERINGER, New York University
- P7 **Challenges and Barriers That Hinder Evaluation Capacity (ECB) Development in Dar es Salaam, Tanzania's Public Health Organizations in Tanzania**  
Ever Mkonyi\*
- P7 **Working Less, Working More: The Causal Impact of Mandated Work Limits on Employment, Earnings, and Health**  
Taehyun Kim\*, Ohio State University; Dean Lillard, The Ohio State University
- P7 **Fertility and Sex-Specific Wages Under Economic Conditions: Evidence From the United States**  
Zhuolin Li\*

P7 **Exploring the Impact of the Alaska Permanent Fund Dividend on Gender Equality**

Elena Pojman\*

**174 Cognitive Health and Aging**

CHAIR: Zhenmei Zhang, Michigan State University

DISCUSSANT: Minki Chatterji, National Institute on Aging (NIA)

3:45 PM-5:00 PM — International 4

174-1 **Cognitive Reserve and Later Life Cognitive Functioning: Understanding the Relative and Interactive Influences of Adolescent IQ and Educational Attainment**

Pamela . Herd\*, Georgetown University; Kamil Sicinski, University of Wisconsin–Madison

174-2 **Racial/Ethnic Differences in the Relationship Between Early-Life Factors, Educational Attainment, and Trajectories of Cognitive Functioning Among Older Adults**

Katrina Walsemann\*, University of Maryland, College Park and the Maryland Population Research Center; Stephanie Urena, Florida State University; Eleanor Kerr, University of Maryland, College Park; Jennifer Ailshire, University of Southern California

174-3 **Exposure to Perceived Job Insecurity and Subsequent Memory Function and Decline Among Adults Aged 55+ in England and the United States: A Pooled Analysis of Two Population-Based Cohorts, 2006–2016**

Xuexin Yu\*, University of Michigan School of Public Health; Kenneth Langa, University of Michigan; Tsai-Chin Cho; Lindsay Kobayashi, University of Michigan

**175 Global Challenges of Immigrant Children and Youth**

CHAIR: Andres Villarreal, University of California, Los Angeles

DISCUSSANT: Erin Hamilton, University of California, Davis

3:45 PM-5:00 PM — International 7

175-1 **My Brother and Me: The Consequences of Being Foreign-born**

Taisiia Stanishevskaya\*

175-2 **The Making of a “Lost Generation”: Child Labor Among Syrian Refugees in Turkey**

Meltem Dayioglu, Middle East Technical University; Murat G. Kirdar\*, Bogazici University; Ismet Koc, Hacettepe University

175-3 **Integration Into the Educational System and the Job Market Among Young Migrants in Mexico**

Claudia Masferrer, Centro de Estudios Demográficos, Urbanos y Ambientales, El Colegio de México; Ana Escoto Castillo\*, National Autonomous University of Mexico

175-4 **Determinants of Case Outcomes for Unaccompanied Minors in U.S. Immigration Proceedings**

Chiara Galli\*, Cornell University; Tatiana Padilla

**176 Pandemics in Historical Context**

CHAIR: Evan Roberts, University of Minnesota

DISCUSSANT: Evan Roberts, University of Minnesota

3:45 PM-5:00 PM — M104

176-1 **NPIs and the 1918 Pandemic: Evidence From Half a Million Death Certificates and 1,285 School Closures in Sweden**

Casper Hansen\*, University of Copenhagen, Department of Economics

176-2 **Exposure at Workplace and Excess Mortality in Sweden During the 1918 Influenza Pandemic**

Tommy Bengtsson, Lund University; Martin Dribe\*, Lund University; Björn Eriksson, Lund University

176-3 **The 1918–1920 Influenza Pandemic: Missouri’s Latent 1920 Wave of Mortality**

Paige Smith\*; Carolyn Orbann, University of Missouri; Lisa Sattenspiel, University of Missouri

176-4 **Global and National Declines in Life Expectancy at Birth**

Patrick Heuveline\*, University of California, Los Angeles

**177 Causal Inference in Demographic Research**

CHAIR: Dean Lillard, The Ohio State University

DISCUSSANT: Felix Elwert, University of Wisconsin-Madison

3:45 PM-5:00 PM — International 2

177-1 **The Effect of the Great Recession on U.S. Fertility: Causal Estimates From a Cohort Discontinuity Design**

Lawrence Wu\*, New York University (NYU); Nicholas Mark, New York University; Jennifer Hill, New York University

177-2 **Impact of School Construction on Early Fertility, Child Marriage, and Health Behavior: Evidence From Rural Senegal**

Hamidou Diallo\*; Anne-Sophie Robilliard, Institut de Recherche pour le Développement (IRD)-DIAL; Valérie Delaunay, Institut de Recherche pour le Développement (IRD)-DIAL

177-3 **Partial Identification Methods to Evaluate the Effect of Retirement on Health and Consumption**

Eduardo Fe\*

- 177-4 **The Population Health Impact of the Right-to-Work Laws**  
Emma Zang, *Yale University*; Qinyou Hu\*, *Rice University*; Zitong Wang, *The Chinese University of Hong Kong*

## 178 Flash: Measurement of Concepts in Demographic Studies

CHAIR: S. Michael Gaddis,

**3:45 PM-5:00 PM — International 5**

- 178-1 **Within-Person Reliability of Self-reported Parity and Birth Dates**  
Karen Guzzo\*, *Bowling Green State University*
- 178-2 **Pregnancy Reporting and Biases in Under-5 Mortality in Three Health and Demographic Surveillance System (HDSS) in Western, Eastern, and Southern Africa**  
Hallie Eilerts\*, *London School of Hygiene and Tropical Medicine*
- 178-3 **Which Families Disappear From Contact With Schools During COVID-19? Evidence From Large-Scale Messaging Data**  
Rebecca Johnson\*, *Dartmouth College*; Vicky Mei, *The Lab @ DC*
- 178-4 **Panel Conditioning in the Current Population Survey Food Supplement**  
Jessie Himmelstern\*; John Warren, *University of Minnesota*
- 178-5 **Defining Despair: Assessing the Multidimensionality of Despair and Its Association With Substance Misuse and Suicidality in Early to Middle Adulthood**  
Iliya Gutin\*, *University of Texas at Austin*; William Copeland, *The University of Vermont*; Jennifer Godwin, *Duke University*; Kathleen Mullan Harris, *University of North Carolina at Chapel Hill*; Sherika Hill, *Duke University*; Lilly Shanahan, *University of Zurich*; Lauren Gaydosh, *The University of Texas at Austin*
- 178-6 **Stability of Two-Step Sex and Gender Responses in U.S. Panel Data**  
Aliya Saperstein\*, *Stanford University*
- 178-7 **Interviewer Gender Effects on Social Attitudes and Survey Outcomes in a Mobile-Phone Survey in India**  
Payal Hathi\*, *UC Berkeley*; Diane Coffey, *Population Research Center*; Amit Thorat, *Jawaharlal Nehru University*
- 178-8 **Estimating Age Patterns of Net-Migration Across European Municipalities**  
Daniela Ghio\*, *Joint Research Centre European Commission*; Claudio Bosco, *Joint Research Centre European Commission*; Fabrizio Natale, *Joint Research Centre European Commission*; Jan Loeschner, *Joint Research Centre European Commission*; Anne Goujon, *Joint Research Centre European Commission*

## 179 Racial and Ethnic Disparities in Education

CHAIR: Gabriela Sanchez-Soto, *Rice University*

DISCUSSANT: Tori Thomas,

**3:45 PM-5:00 PM — International 10**

- 179-1 **Racial Segregation and Inequality Across the Urban-Suburban Divide**  
Ann Owens, *University of Southern California*; Peter Rich\*, *Cornell University*
- 179-2 **The Alchemy of School Capital: California School Bond Funds and District Human Resources**  
Emily Rauscher\*, *Brown University*
- 179-3 **Racial and Ethnic Differences in Homeownership and Gaps in Student Achievement**  
Agustina Laurito\*, *University of Illinois at Chicago*; Sarah Cordes, *Temple University*
- 179-4 **Race and Place-Based Differences in School Discipline and Sense of Belonging Among Students in Suburban and Urban Schools**  
Emily Miller, *Princeton University*; Alejandro Schugurensky\*, *Princeton University*

## 180 Gender and Families

CHAIR: Julia Behrman, *Northwestern University*

DISCUSSANT: Christine Bachrach, *University of Maryland*

**3:45 PM-5:00 PM — M102**

- 180-1 **The Gender War and the Retreat From Marriage in South Korea**  
Jaeun Kim\*, *KDI School of Public Policy and Management*
- 180-2 **Does Online Dating Challenge Gendered Divisions of Household Labor?**  
Gina Potarca\*, *NCCR LIVES*; Jennifer Hook, *University of Southern California*
- 180-3 **Patterns, Trends, and Meanings of Married Women's Surname Choices in the United States**  
Florescia Torche\*, *Stanford University*; Tyler McDaniel
- 180-4 **Revisiting Time Availability and Time Use: Evidence From the COVID-19 Lockdown in Singapore**  
Poh Lin Tan\*, *National University of Singapore*; Emma Zang, *Yale University*; Zitong Wang, *Chinese University of Hong Kong*

**181 Family Planning Service Delivery**

*CHAIR: Katherine Tumlinson, University of North Carolina at Chapel Hill*

*DISCUSSANT: Claire Rothschild, PSI*

**3:45 PM-5:00 PM — International 9**

**181-1 “She Told Me No, That You Cannot Change”:  
Understanding Provider Refusal to Remove  
Contraceptive Implants**

*Leigh Senderowicz, University of Wisconsin–Madison; Al Kolen-  
da\*, University of Wisconsin-Madison*

**181-2 Reducing Family Planning Provider Bias  
Toward Adolescent, Unmarried, and Nullipa-  
rous Women: A Cluster-Randomized Evalua-  
tion of the Beyond Bias Project**

*Zachary Wagner\*, RAND Corporation; Corrina Moucheraud,  
University of California, Los Angeles; Alexandra Wollum; Willa  
Friedman, University of Houston; Manisha Shah, University of  
California, Los Angeles; William Dow, University of Califor-  
nia-Berkeley*

**181-3 Quality of Care for Family Planning: A Com-  
parison of Private and Public Facilities In  
Seven Countries Using Survey Data**

*Lindsay Mallick\*, University of Maryland; Meghan Reidy, Avenir  
Health; Michelle Weinberger, Avenir Health; Rebecca Husband,  
Population Services International*

**181-4 Validation and Predictive Utility of a Per-  
son-Centered Quality of Contraceptive Coun-  
seling (QCC-10) Scale in Sub-Saharan Africa:  
A Multicountry Study of Family Planning  
Clients**

*Celia Karp\*, Johns Hopkins Bloomberg School of Public Health;  
Kelsey Holt, University of California, San Francisco; Funmi  
OlaOlorun, College of Medicine, University of Ibadan; Georges  
Guiella, Institut Supérieur des Sciences de la Population (ISSP/  
University of Ouagadougou); Peter Gichangi, International  
Centre for Reproductive Health-Kenya; Philip Anglewicz, Johns  
Hopkins Bloomberg School of Public Health*

**182 Methodological Innovations in Family Planning and Contraception**

*CHAIR: Michelle O'Brien, Bill and Melinda Gates Foundation*

*DISCUSSANT: Signe Svallfors, Stockholm University*

**3:45 PM-5:00 PM — M109**

**182-1 Bayesian Projections of Total Fertility Rate  
Conditional on the United Nations Sustain-  
able Development Goals**

*Daphne Liu\*, University of Washington; Adrian Raftery, Univer-  
sity of Washington*

**182-2 The “Why, How, and When” of Traditional  
Contraceptive Method Use: A Methodolog-  
ical Enquiry in Measurement of Tradition-  
al Methods of Contraceptive Use in Four  
Sub-Saharan African Countries**

*Maame Peterson\*, AFIDEP; Naa Dodua Dodoo, AFIDEP;  
Nurudeen Alhassan, African Institute for Development Policy  
(AFIDEP); Nyovani J. Madise, AFIDEP*

**182-3 Characteristics Associated With Consistency  
in Reporting of Contraceptive Use: Assessing  
the Reliability of the Contraceptive Calendar  
in Eight Countries**

*Philip Anglewicz\*, Johns Hopkins University; Dana Sarnak, Johns  
Hopkins Bloomberg School of Public Health; Alison Gemmill,  
Johns Hopkins Bloomberg School of Public Health; Stan Beck-  
er, Johns Hopkins University*

**182-4 Using Respondent-Driven Sampling to Study  
People Who Have Abortions: A Feasibility  
Assessment in Ethiopia and Uganda**

*Margaret Giorgio\*, Guttmacher Institute; Solomon Shiferaw,  
Addis Ababa University; Assefa Seme, Addis Ababa University;  
Fred Makumbi, Makerere University; Simon Kibira, Makere-  
re university, School of Public Health; Mahari Gidey; Selena  
Anjur-Dietrich, Johns Hopkins University; Niguse Tadele, Addis  
Ababa University; Sarah Nabukeera, Makerere University;  
Elizabeth Sully, Guttmacher Institute*

**183 Sex Preferences and Gendered Fertility Dynamics**

*CHAIR: Keera Allendorf, Indiana University*

*DISCUSSANT: Shareen Joshi, Georgetown University*

**3:45 PM-5:00 PM — M304**

**183-1 Measures of Son Preference and the Treat-  
ment of Girls**

*Priti Kalsi\**

**183-2 The Seen and the Unseen: Impact of a Condi-  
tional Cash Transfer Program on Prenatal Sex  
Selection**

*Sayli Javadekar\*, University of Bath*

**183-3 Evidence of Decreasing Prenatal Sex-Selec-  
tion Practice in a Context of Liberal Abortion  
Rights**

*Sylvie Dubuc\*, University of Reading*

**183-4 How Missing Men Lead to Missing Women:  
Revising Natural Sex Ratios at Birth for the  
Fragile Male**

*Joshua Wilde\*, Max Planck Institute for Demographic Re-  
search*



## 184 Gender and Sexual Minority Populations

CHAIR: Gaëlle Meslay, *Institut National d'Études Démographiques (INED)*

DISCUSSANT: Nicole Denier, *University of Alberta*

3:45 PM-5:00 PM — *International 8*

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### 184-1 “Too Much Trouble”: Transgender and Non-Binary People’s Experiences of Stigma, Discrimination, and Affirmation in the Workplace

Emily Allen Paine\*, *Columbia University*; Renato Barucco, *Columbia University*; Ya-Wen Chang, *Columbia University*; Theresa Navalta, *Columbia University*; Anke Ehrhardt, *Columbia University*; Walter Bockting, *Columbia University*

### 184-2 Do Transgender and Non-Binary Workers in the Retail and Service Sectors Have Lower Quality Jobs Than Their Cisgender Counterparts?

Danya Lagos, *University of California, Berkeley*; Rebecca Wolfe\*; Daniel Schneider, *Harvard University*

### 184-3 Blurred Borders or Safe Harbor? Emotional Well-being Among Sexual Minorities Working From Home During the COVID-19 Pandemic

Layne Amerikaner\*, *University of Maryland*; Xu Yan; Liana Sayer, *University of Maryland*; Long Doan; Jessica Fish, *University of Maryland*; Kelsey Drotning, *University of Maryland, College Park*; Robert Rinderknecht

### 184-4 Examining Heterogeneity in the Choice of STEM College Major by Gender and Sexual Orientation

Elia Boschetti\*

## 185 Racialization, Heterogeneity in Immigrant Adaptation, and the Impacts of Migration

CHAIR: Randall Kuhn, *University of California-Los Angeles*

DISCUSSANT: Christina Diaz, *Rice University*

3:45 PM-5:00 PM — *M106*

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### 185-1 The Missing Mortality Advantage for Immigrants to the United States in the Early Twentieth Century

Elyas Bakhtiari\*, *William & Mary*

### 185-2 Divergent Trajectories: Does the Tempo of Health Decline Vary Among Immigrants of Different Racial Backgrounds?

Rama Hagos\*, *Princeton University*; Tod Hamilton, *Princeton University*

### 185-3 Immigrant–Native Health Disparities in Germany: A Test of the Weathering Hypothesis

Silvia Loi\*, *Max Planck Institute for Demographic Research*; Peng Li, *Max Planck Institute for Demographic Research*; Mikko Myrskylä, *Max Planck Institute for Demographic Research*

### 185-4 Health Differences Between Migrants in the Host Country and Nonmigrants in the Home Country: The Case of Albanians in Italy

Elisa Barbiano di Belgiojoso; Eralba Cela, *University of Milan*; Eleonora Trappolini\*, *University of Milano-Bicocca*

## 186 Determinants of Internal Migration

CHAIR: Elizabeth Fussell, *Brown University*

DISCUSSANT: Jack DeWaard, *University of Minnesota, Twin Cities*

DISCUSSANT: TBD Discussant,

3:45 PM-5:00 PM — *M103*

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### 186-1 Do Migrants Exhibit More Grit?

Michael White\*, *Brown University*

### 186-2 Life Course Transitions and Internal Migration in Brazil: An Analysis Based on Period Data

Reinaldo Santos, *Universidade Federal de Minas Gerais (UFMG)*; Alisson Barbieri, *Universidade Federal de Minas Gerais (UFMG)*; Ernesto Amaral\*, *Texas A&M University*

### 186-3 Internal Migration Following Adverse Life Events: Assessing the Likelihood of Return Migration and Migration Toward Family

Amy Spring\*, *Georgia State University*; Brian Gillespie, *University of Groningen*; Clara Mulder, *University of Groningen*

### 186-4 Does Your Spouse’s Occupation Limit Your Own Career Advancement? Occupational Licensure, Interstate Migration, and the Labor Market Outcomes of Husbands and Wives

Janna Johnson\*, *Humphrey School of Public Affairs*

## 187 Refugee Populations

CHAIR: Katharine Donato, *Georgetown University*

DISCUSSANT: Pia Orrenius, *Federal Reserve Bank of Dallas*

DISCUSSANT: Fernando Riosmena, *University of Colorado Boulder*

3:45 PM-5:00 PM — *M105*

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### 187-1 The Interplay Between Refugee Inflows and Media Coverage in Determining Attitudes Toward Immigrants in Germany

Chia-Jung Tsai\*, *Max Planck Institute for Demographic Research*; Robert Rinderknecht; Emilio Zagheni, *Max Planck Institute for Demographic Research*



Friday

187-2 **Comparing the Patterns of Internal Migration and Urban Refugee Settlements: A Case Study in Turkey**

Ebru Sanliturk\*, *Max Planck Institute for Demographic Research*

187-3 **The Labor Market Effects of Venezuelan Migration to Colombia: Reconciling Conflicting Results**

Jeremy Lebow\*, *Duke University*

187-4 **Long-Term Labor Market Integration of Refugees: The Role of Race in Economic Adaptation**

Rebecca Tesfai\*, *Temple University*

**188 Biosocial Approaches to Population Health**

CHAIR: Daniel Belsky, *Columbia University Irving Medical Center*

DISCUSSANT: Bridget Goosby, *University of Texas at Austin*

3:45 PM-5:00 PM — M101

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188-1 **Rising Educational Gap in Mortality and Morbidity: Role of Polygenic Influence**

Xueqing Wang\*, *Princeton University*; Dalton Conley, *Princeton University*

188-2 **Long-Term Impacts of Life Family Instability on Adulthood Depression: The Role of Genetic Sensitivity and Time**

Boyan Zheng\*, *University of Wisconsin - Madison*; Jason Fletcher, *University of Wisconsin-Madison*; Qiongshi Lu, *University of Wisconsin-Madison*

188-3 **Retirement Makes You Old? Effects of Retirement on the Pace of Aging**

Shiro Furuya\*, *University of Wisconsin-Madison*

188-4 **In Utero Exposures and Epigenetic Aging Signatures: Evidence From the U.S. Great Depression**

Lauren Schmitz\*, *University of Wisconsin-Madison*; Valentina Duque, *University of Sydney*

**189 Spatial Demography: Networks, Mobility, and Exposure**

CHAIR: Stephen Matthews, *Pennsylvania State University*

DISCUSSANT: Regina Bures, *NICHD*

3:45 PM-5:00 PM — International 1

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189-1 **Environmental Inequality in the Neighborhood Networks of Urban Mobility in U.S. Cities**

Noli Brazil\*, *University of California, Davis*

189-2 **Neighborhood Racial Gaps in Visit Patterns**

Joel Han\*

189-3 **Life Course Cumulative Exposure to Contextual Disadvantage and Health: Evidence From the SHOW Study**

Wei Xu\*, *University of Wisconsin-Madison*; Megan Agnew, *University of Wisconsin-Madison*; Amy Schultz, *University of Wisconsin-Madison*; Michal Engelman, *University of Wisconsin-Madison*; Kristen Malecki

189-4 **Exploring Life Course Trajectories in Local Spatial Contexts Across Sweden**

Bo Malmberg\*, *Stockholm University*; Eva K Andersson, *Stockholm University*

**190 Recent Fertility Declines in Europe and the United States**

CHAIR: Anna Matysiak, *University of Warsaw*

DISCUSSANT: Leticia Marteleto, *University of Texas at Austin*

3:45 PM-5:00 PM — International 3

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190-1 **Panelist**

Tomas Sobotka\*, *Vienna Institute of Demography / Wittgenstein Centre*

190-2 **Panelist**

Anne Gauthier\*, *Netherlands Interdisciplinary Demographic Institute*

190-3 **Panelist**

Anna Rotkirch\*, *Population Research Institute*

190-4 **Panelist**

Alison Gemmill\*, *Johns Hopkins Bloomberg School of Public Health*

190-5 **Panelist**

Laura Lindberg\*, *Guttmacher Institute*

**Presidential Address & Awards Ceremony (Streaming Live)**

5:30 PM-7:00 PM — Various Rooms - M102/104/106/109

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**UAPS Members Meeting**

6:30 PM-8:30 PM — L508

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**Demographers of Color Reception**

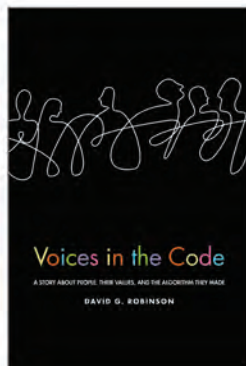
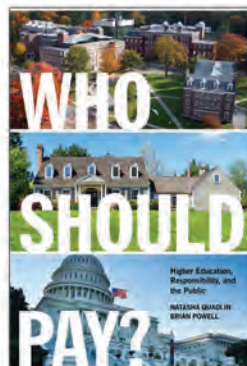
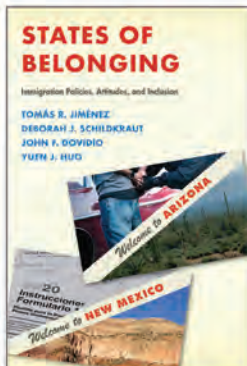
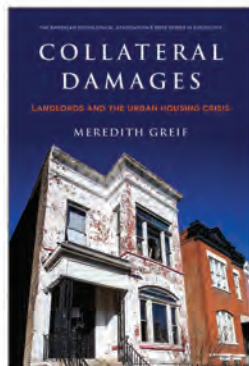
7:00 PM-9:00 PM — M301

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John A. Powell, Samuel L. Myers, Jr., and Susan T. Gooden, eds.  
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## Membership Meeting

8:00 AM-9:00 AM — International 9

## Registration/Vaccination Stations Open

8:00 AM-12:00 PM — Marquis Foyer

## Exhibit Hall Open

8:30 AM-1:00 PM — Marquis Ballroom

### 191 Race, Ethnicity, and Cognitive Health

CHAIR: Lauren Gaydos, Vanderbilt University

DISCUSSANT: Yan-Liang Yu, Howard University

9:15 AM-10:30 AM — International 4

#### 191-1 Age of Migration and Cognitive Life Expectancies Among Older Latino Adults in the United States

Marc Garcia\*, Syracuse University; Wassim Tarraf, Wayne State University; Chi-Tsun Chiu, Academia Sinica; Adriana Reyes, Cornell University

#### 191-2 Black-White Differences in Offspring Intergenerational Mobility and Older Parents' Dementia

Jenjira Yahirun\*, Bowling Green State University; Sindhu Vasireddy, International Institute for Population Sciences; Mark Hayward, University of Texas at Austin

#### 191-3 The Life Course Origins of the Race Disparities of Cognitive Functioning Among Older Brazilians

Mateo Farina\*, University of Southern California; Jennifer Ailshire, University of Southern California

#### 191-4 Trajectories of General Health Status and Depressive Symptoms Among Persons With Cognitive Impairment in the United States

Emma Zang\*, Yale University; Anna Guo, Emory University; Christina Pao, University of Oxford; Nancy Lu, Harvard Medical School; Bei Wu, New York University; Terri Fried, Yale University

### 192 Neighborhood Contexts and Early Life Course

CHAIR: Jennifer Candipan, Brown University

DISCUSSANT: Janeria Easley, Emory University

DISCUSSANT: Brian Levy, George Mason University

9:15 AM-10:30 AM — International 2

#### 192-1 Long-Term Effects of Local Area New Deal Work Relief in Childhood on Educational, Economic, and Health Outcomes Over the Life Course: Evidence From the Wisconsin Longitudinal Study

Sepideh Modrek\*, San Francisco State University; Evan Roberts, University of Minnesota; John Warren, University of Minnesota; David Rehkopf, Stanford University

#### 192-2 Childhood Dynamic Exposure to Neighborhood Poverty and Obesity Risk in Emerging Adulthood

Ying Huang\*, University of Texas at San Antonio; Patrice Sparks, University of Texas at San Antonio

#### 192-3 The Relationship Between Neighborhood-Level Housing Unaffordability and Maternal Depression

Mark McGovern, Rutgers, The State University of New Jersey; Slawa Rokicki\*, Rutgers School of Public Health; Annette Von Jaglinsky, Rutgers School of Public Health; Nancy Reichman, Robert Wood Johnson Medical School

#### 192-4 Growing Up Faster? Observing Neighborhood Mobility and Social Cohesion's Impact on the Transition to Adulthood

Alexus Moore\*; Sarah Roche, Georgia State University; Amy Spring, Georgia State University

### 193 COVID-19 Vaccination

CHAIR: Santanu Pramanik, National Council of Applied Economic Research

DISCUSSANT: Shekhar Menon, Bill & Melinda Gates Foundation

9:15 AM-10:30 AM — M104

#### 193-1 Modeling the Effect of Vaccination Prioritization Strategies by Age and High-Risk Employment Status Using Data From Contact Surveys

Ethan Roubenoff\*, University of California, Berkeley; Dennis Feehan, University of California, Berkeley; Ayesha Mahmud, University of California, Berkeley

#### 193-2 Monitoring Sociodemographic Inequality in COVID-19 Vaccination Coverage in England: A Nationally Linked Data Study

Ted Dolby, Office for National Statistics; Katie Finning, Office for National Statistics; Vahé Nafilyan\*

#### 193-3 COVID-19 Vaccine Rollout in the United States: Potential Lives Saved From a Delayed Second-Dose Strategy

Jennifer Dowd\*, University of Oxford; Luyin Zhang, University of Oxford

#### 193-4 The Impact of COVID-19 Vaccines on the Case Fatality Rate: The Importance of Monitoring Breakthrough Infections

Vanessa Gabrielle di Lego Goncalves\*, Vienna Institute of Demography; Miguel Sanchez-Romero; Alexia Furnkranz-Prskawetz, Vienna University of Technology



## 194 Causal Inference Methods in Demographic Research

CHAIR: Jennie Brand, *University of California, Los Angeles*

DISCUSSANT: Xiang Zhou, *Harvard University*

9:15 AM-10:30 AM — M101

- 194-1 **The Treatment of Control Variables in Demographic Scholarship: A Reflection and Review of Demography, 1995–2020**  
Jesse Shircliff\*, *Utah State University*; J. Tom Mueller, *University of Oklahoma*
- 194-2 **Causal Decomposition of Group Disparities: The Role of Within-Group Heterogeneity**  
Ang Yu\*, *University of Wisconsin, Madison*; Felix Elwert, *University of Wisconsin-Madison*
- 194-3 **The Difference-in-Differences g-Formula: Extending a Popular Causal Inference Method to Novel, Policy-Relevant Effects**  
Audrey Renson\*, *University of North Carolina at Chapel Hill*; ARISH QAMAR; Michael Hudgens, *University of North Carolina at Chapel Hill*; Whitney Robinson, *Duke University*; Allison Aiello, *University of North Carolina at Chapel Hill*
- 194-4 **Treatment Effects on Within- and Between-Group Inequality: A Causal Decomposition Approach**  
Benjamin Rosche\*, *Cornell University*

## 195 Criminal Justice and Inequality

CHAIR: Amelia Branigan, *University of Maryland, College Park*

DISCUSSANT: Lauren Porter, *University of Maryland*

DISCUSSANT: Wade Jacobsen, *University of Maryland*

9:15 AM-10:30 AM — International 10

- 195-1 **Lifetime Risk of Imprisonment Remains High and Starkly Unequal in the United States**  
Alexander Roehrkasse, *Duke University*; Christopher Wildeman\*
- 195-2 **Period, Cohort, and Geographic Differences in Criminal Justice Contact in an Era of Penal Contraction**  
Lindsay Bing\*, *University of Texas at Austin*
- 195-3 **In-Kind Welfare Benefits and Recidivism Risk: Evidence From Medicaid**  
Nico Badaracco, *University of Wisconsin-Madison*; Marguerite Burns, *University of Wisconsin-Madison*; Laura Dague\*
- 195-4 **Juvenile Crime and the Medical Treatment of ADHD**  
Anne Sofie Anker\*, *Peter Fallesen, Rockwool Foundation*

## 196 Intergenerational and Multigenerational Relationships

CHAIR: Lei Lei, *Rutgers University*

DISCUSSANT: Teresa Swartz,

9:15 AM-10:30 AM — M106

- 196-1 **Parental Involvement in College: Exploring Variation by Gender and Race/Ethnicity**  
Tanya Whitworth\*, *University of Massachusetts Amherst*
- 196-2 **Gendered Inheritances and the Role of Long-Term Intergenerational Exchanges in South Korea**  
Dahye Kim\*; Jeremy Lim-Soh, *National University of Singapore*
- 196-3 **The Prevalence of Estranged Parent–Child Ties at the Intersection of Sex and Race/Ethnicity**  
Rin Reczek\*, *The Ohio State University*; Lawrence Stacey, *The Ohio State University*; Mieke Thomeer, *University of Alabama at Birmingham*
- 196-7 **Stuck in the Middle? The Effect of Caring for One's Parents on Grandchild Care Provision**  
Genevra Floridi\*, *King's College London*; Ludovico Carrino, *King's College London*; Giorgio Di Gessa, *University College London*

## 197 Family Planning Access and Preference

CHAIR: Katherine Tumlinson, *University of North Carolina at Chapel Hill*

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

9:15 AM-10:30 AM — International 8

- 197-1 **Use of Telemedicine for Contraception Among Young Adults: Inequities by Health Insurance**  
Jennifer Yarger\*, *University of California, San Francisco*; Kristine Hopkins, *University of Texas-Austin*; Sarah Elmes, *University of California, San Francisco*; Irene Rossetto, *University of Texas-Austin*; Danielle Van Liefde, *University of California, San Francisco*; Stephanie de la Melena, *University of California, San Francisco*; Cynthia Harper, *University of California, San Francisco*
- 197-2 **Variability in Contraceptive Prices Between and Within Family Planning Outlets in Urban and Semi-Urban Nigeria: A Prospective Cohort Study**  
Claire Rothschild\*, *PSI*; Bo Hu, *London School of Economics and Political Science*; Justin Archer, *Independent Consultant*; Chinedu Onyezobi, *Society for Family Health, Nigeria*; Anthony Nwala, *Society for Family Health, Nigeria*
- 197-3 **Does the Fulfillment of Contraceptive Method Preferences Affect Contraceptive Discontinuation? Evidence From Three Urban Areas of Africa**  
Carolina Cardona\*, *Johns Hopkins Bloomberg School of Public Health*; Philip Anglewicz, *Johns Hopkins University*; David Bishai, *Johns Hopkins University*

197-4 **Client-Centered Provision of DMPA-SC: Field Evidence From Mystery Client Interactions in Lagos, Nigeria**

Sneha Challa\*, *University of California, San Diego*; Elizabeth Omolubi, *Akena Associates*; Ivan Idioidi, *Akena Associates*; Chioma Okoli, *Akena Associates*; Ayobambo Jegede, *Akena Associates*; Shakede Dimowo, *Akena Associates*; Aminat Tijani, *Akena Associates*; Awawu Grace Nmadu, *Akena Associates*; Calvin Chiu, *University of California, Berkeley*; Rodio Diallo, *Bill and Melinda Gates Foundation*; Jenny Liu, *University of California, San Francisco*

**198 Low Fertility and Childlessness**

CHAIR: Ester Lazzari, *The Australian National University*

DISCUSSANT: Angela Greulich, *OSC - IEP Sciences Po Paris*

9:15 AM-10:30 AM — M109

198-1 **Hooray for the J: Longitudinal Evidence on Human Development and Fertility Decline Reversals in the United States**

Henrik-Alexander Schubert\*, *Max Planck Institute for Demographic Research*; Christian Dudel, *Max-Planck Institute for Demographic Research*; Marina Kolobova, *Max-Planck Institute for Demographic Research*

198-2 **Childbearing Consequences of a Stratified Housing System in South Korea**

Jeongsoo Kim\*, *UT Health San Antonio*

198-3 **Modeling Low-Fertility Traps as Feedback Effects: Low Variance in Fertility and Other Mechanisms Under Multigenerational Optimization**

Michael Geruso, *University of Texas at Austin*; Nicholas Lawson, *Université du Québec à Montréal*; Dean Spears\*, *University of Texas at Austin*

198-4 **Media Coverage of the Economy and Fertility**

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

**199 Population Politics, Population Policies, and Fertility**

CHAIR: Chiara Ludovica Comolli, *Stockholm University*

DISCUSSANT: Leslie Root, *University of Colorado Boulder*

9:15 AM-10:30 AM — International 9

199-1 **Declining Abortion Rates and Their Association With Supportive State Social Policies in the United States: A Panel Data Analysis, 2009–2016**

Surbhi Shrivastava\*, *Emory University*; Ellen Idler, *Emory University*

199-2 **Pregnancy and Policy: An Analysis of State-Level Abortion Policy Hostility and Pregnancy Intention**

Julia Eddebuettel\*, *Cornell University*; Sharon Sassler, *Cornell University*

199-3 **What About Fertility? The Unintentional Pro-Natalism of a Nordic Country**

Rannveig Hart\*, *Cathrine Holst, University of Oslo*

199-4 **The Economic Penalty of Parenthood**

Óskar Jóhannsson\*, *Pieter Vanhuysse, SDU*

**200 Sexually Transmitted Infections, Fertility, and Reproductive Health**

CHAIR: Clare Barrington, *University of North Carolina at Chapel Hill*

DISCUSSANT: Ali Groves,

9:15 AM-10:30 AM — M304

200-1 **Social Determinants of the Sexual Abstinence Among Korean Young Adults: A Population-Based Study**

Ekaterina Baldina\*, *Lauren Lichtenfeld, University of Texas, Austin*; Yoosik Youm, *Yonsei University*

200-2 **Examining the Relationship Between Primary Contraceptive Method Use and Sexually-Transmitted Infections in a Nationally Representative Sample of Young Women**

Brooke Whitfield\*

200-3 **Are LARC Users Less Likely to Use Condoms? An Analysis of U.S. Women Initiating LARC, 2008–2018.**

Mieke Eeckhaut\*, *University of Delaware*; Katie Fitzpatrick, *University of Delaware*

200-4 **Patterns in Receipt and Source of STI Testing Among Young Women and Men in the United States, 2013–2019**

Zoe Pleasure\*, *Laura Lindberg, Guttmacher Institute*; Jennifer Mueller, *Guttmacher Institute*; Jennifer Frost, *The Guttmacher Institute*

**201 Internal Migration: Regional and Neighborhood Determinants**

CHAIR: Barbara Entwisle, *University of North Carolina at Chapel Hill*

DISCUSSANT: Noli Brazil, *University of California, Davis*

9:15 AM-10:30 AM — M103

201-1 **Neighborhood Attainment, Individual Status, and Internal Migration in the United States**

Shih-Keng Yen\*, *Texas A&M University*; Ernesto Amaral, *Texas A&M University*

201-2 **Neighborhood Attainment of Immigrant Minorities in England, 2009–2019: Escaping Deprived Ethnic Enclaves but Staying in Polluted Urban Areas**

Tobias Rüttenauer\*, *University of Oxford*

201-3 **Internal Migration and Living Standards in Latin America, 1990–2010**

Rodrigo Lovaton\*, *University of Minnesota*; Sula Sarkar, *University of Minnesota*



- 201-4 **Marriage and Fertility Among Rural Migrants in the United States**  
Matthew Brooks\*, McGill University; Shelley Clark, McGill University

## 202 Residential Segregation: Contemporary and Historical Perspectives

CHAIR: Kendra Bischoff, Cornell University

DISCUSSANT: Matthew Hall, Cornell University

DISCUSSANT: Mahesh Somashekhar, University of Illinois at Chicago

9:15 AM-10:30 AM — M105

- 202-1 **Dynamic White Spaces: How White Population Growth Preserves Segregation in the Diversifying Metropolis**  
Samuel Kye\*, Baylor University

- 202-2 **Beyond the Metro: Assessing 1990–2015 Neighborhood Income Segregation in U.S. Micropolitan and Nonmetropolitan Areas**  
Thalia Tom\*, University of Southern California

- 202-3 **Factorial Ecology of Kolkata, India, 2011**  
Devarupa Gupta\*, International Institute for Population Sciences

- 202-4 **Trends in Residential Integration, 2000–2020**  
Matthew Mleczko\*, Princeton University

## 203 Trends in Socioeconomic Inequalities in Health and Mortality

CHAIR: Wen Fan, Boston College

DISCUSSANT: Hui Zheng, The Ohio State University

9:15 AM-10:30 AM — M102

- 203-1 **Expansion, Compression, Neither, Both? Divergent Patterns in Healthy, Disability-Free, and Morbidity-Free Life Expectancy Across U.S. Birth Cohorts, 1998–2016**  
Collin Payne\*, Australian National University
- 203-2 **Mortality Inequalities in France Since the 1920s: Evidence of a Reversal of the Income Gradient in Mortality**  
Hippolyte d'Albis\*
- 203-3 **Recent Trends in “Deaths of Despair” in Spain**  
Barbara Piñeiro, Centre d'Estudis Demogràfics; Jeroen Spijker\*, Centre d'Estudis Demogràfics; Sergi Trias-Llimós, Centre d'Estudis Demogràfics; Amand Blanes, Centre d'Estudis Demogràfics; Inaki Permanyer, Centre d'Estudis Demogràfics
- 203-4 **Cause-of-Death Diversity From a Multiple-Cause Perspective in the United States**  
Sergi Trias-Llimós\*, Centre d'Estudis Demogràfics; Iñaki Permanyer, Centre d'Estudis Demogràfics

## 204 Spatial Modeling in Demography

CHAIR: Stephen Matthews, Pennsylvania State University

DISCUSSANT: Corey Sparks, University of Texas at San Antonio

9:15 AM-10:30 AM — International 1

- 204-1 **Women's Reproductive Autonomy in Burkina Faso: The Role of Mobility**  
Yaxuan Zhang\*, University of Minnesota-Twin Cities
- 204-2 **Spatial Analysis of Teenage Childbearing in Mexico**  
Paula Martes Camargo\*; Evelyn Fuentes-Rivera
- 204-3 **Undernutrition as a Primary Prognosticator of Under-5 Mortality in India: A Spatially Explicit Structural Equation Modeling Approach**  
Wahengbam Bigyananda Meitei\*, International Institute for Population Sciences; Abhishek Singh, International Institute for Population Sciences
- 204-4 **Market Concentration and Natural Resource Development in Rural America**  
J. Tom Mueller\*, University of Oklahoma; Jesse Shircliff, Utah State University; Marshall Steinbaum, University of Utah

## 205 Sexual and Reproductive Health During the COVID-19 Pandemic in Latin America

CHAIR: Joice Vieira, Unicamp

DISCUSSANT: Ann Moore, The Guttmacher Institute

9:15 AM-10:30 AM — International 3

- 205-1 **Mapping Covid-19 Effects for Brazilian Women's Health: Results of a National Online Survey**  
Raquel Zanatta Coutinho\*, Centro de Desenvolvimento e Planejamento Regional
- 205-2 **COVID-19 and the Reproductive Health of Mexican Women: The Case of Breast and Uterine Cancers**  
Rosario Cardenas\*, Universidad Autonoma Metropolitana
- 205-3 **Access to Contraception and Abortion During the Socio-Sanitary Emergency due to COVID-19: Current Situation and Challenges in Countries of the Southern Cone**  
Javiera Fanta\*, Universidad de Buenos Aires, Argentina
- 205-4 **Guarantee of Fundamental Rights for Sterilized Women in Bogotá**  
Jenny Lozano-Beltran\*, Pontificia Universidad Javeriana, Colombia

## 206 Biological and Biodemographic Approaches to Aging

CHAIR: Jennifer Ailshire, University of Southern California

DISCUSSANT: Mateo Farina, University of Southern California

DISCUSSANT: Jennifer Ailshire, University of Southern California

**11:00 AM-12:15 PM — International 4**

### 206-1 The Role of Childhood Adversity on Racial/Ethnic Differences of Age-Related Inflammatory Biomarkers

KJ Davidson-Turner\*, University of Texas at Austin; Mateo Farina, University of Southern California; Mark Hayward, University of Texas at Austin

### 206-2 Genetic-Related Mechanisms Generating Racial Disparity Between White and Black Americans in Alzheimer's Disease

Stanislav Kolpakov Nikitin\*, Duke University; Igor Akushevich, Duke University

### 206-3 Epigenetic Age Acceleration is Associated With Disease Risks in Early Midlife Adults in Add Health

Kathleen Mullan Harris, University of North Carolina at Chapel Hill; Brandt Levitt\*, University of North Carolina at Chapel Hill; Lauren Gaydos, University of Texas at Austin; Chantel Martin, University of North Carolina at Chapel Hill; Radhika Dhingra, University of North Carolina at Chapel Hill; Jess Meyer, University of North Carolina at Chapel Hill; Aura Ankita Mishra, University of North Carolina at Chapel Hill; Allison Aiello, University of North Carolina at Chapel Hill

### 206-4 Are Genes More or Less Relevant by Time? Analysis of Gene-by-Cohort Interaction in Critical Health and Life Outcome Using the UK Biobank Data

Boyan Zheng\*, University of Wisconsin - Madison; Jason Fletcher, University of Wisconsin-Madison; Jie Song, University of Wisconsin-Madison; Qiongshi Lu, University of Wisconsin-Madison

## 207 Climate Change and the Well-being of Children and Youth

CHAIR: Jessie Pinchoff, Population Council

DISCUSSANT: Esteban Quinones, Mathematica

**11:00 AM-12:15 PM — International 2**

### 207-1 Investigating the Relationship Between Heatwave and Birth Outcomes in sub-Saharan Africa

Liliana Andriano\*

### 207-2 Heterogeneous Impacts of Floods on Children's Education in Rural India: Vulnerabilities by Gender, Age, Caste/Religious Group, and Socioeconomic Status

Nazar Khalid\*, University of Pennsylvania; Jere Behrman, University of Pennsylvania; Emily Hannum, University of Pennsylvania

### 207-3 Climatic Conditions and Food Security in Tanzania

Heather Randell\*, Pennsylvania State University; Clark Gray, University of North Carolina at Chapel Hill; Elizabeth Shayo, National Institute for Medical Research

### 207-4 Revisit Child Health in the Face of Climate Change: A Study About Child Health as an Impact of Climate Change in Bangladesh

Hosne Tilat Mahal, The University of Alabama at Birmingham; Monir Hossain\*; Brandon Wagner, Texas Tech University

## 208 Formal and Mathematical Demography

CHAIR: Kenneth Land, Duke University

DISCUSSANT: Robert Schoen, Pennsylvania State University

**11:00 AM-12:15 PM — M104**

### 208-1 Taylor's Law and the Relationship Between Life Expectancy at Birth and Variance in Age at Death in a Period Life Table

David Swanson\*, University of California, Riverside; Lucky Tedrow, Western Washington University

### 208-2 Combining a Two-Sex Model of Births With Decomposition Methods to Explain Changing Fertility Patterns

Christian Dudel\*, Max Planck Institute for Demographic Research

### 208-3 Death Expectancy H1: An Alternative Measure for Longevity

Niklas Ullrich\*; Carl Schmettmann, Florida State University; Roland Rau, University of Rostock

### 208-4 The Formal Demography of Peak Population

Joshua Goldstein\*, University of California, Berkeley; Thomas Cassidy

## 209 Historical Demography: Methods and Application

CHAIR: George Alter, University of Michigan

DISCUSSANT: Trent Alexander, University of Michigan

**11:00 AM-12:15 PM — M101**

### 209-1 Ethno-Racial Classification and the Incorporation of European Immigrants, 1907–1940

Peter Catron, University of Washington; Nathan Hoffmann\*, University of California, Los Angeles; Roger Waldinger, University of California-Los Angeles

### 209-2 Rainfall and Temperature and Life Outcomes in the United States, 1900–1940

Jorden Jackson\*, The Pennsylvania State University; Brian Thiede, Pennsylvania State University; Clark Gray, University of North Carolina at Chapel Hill

### 209-3 A Comprehensive Assessment of Census Record Linking Methods: Comparing Deterministic, Probabilistic, and Machine Learning Approaches

Fangqi Wen\*, Australian National University; Jung In; Richard Breen, University of Oxford

209-4 **Linking Women in U.S. Historical Full-Count Census Data**  
 Catherine Fitch\*, *University of Minnesota*; Jonas Helgertz, *University of Minnesota/Lund University*; Evan Roberts, *University of Minnesota*; Steven Ruggles, *University of Minnesota*

## 210 Early Life Circumstances and Inequality

CHAIR: Erin Baumgartner, *Houston Education Research Consortium, Rice University*

DISCUSSANT: Erin Baumgartner, *Houston Education Research Consortium, Rice University*

**11:00 AM-12:15 PM — International 10**

210-1 **Measuring the Impact of Student Mobility on Student Academic Trajectories: Unpacking the Role of Changing School Contexts**  
 Celeste Fernandez\*, *Megan Kuhfeld, NWEA*; Elizabeth Gershoff, *University of Texas at Austin*; Deborah Vandell, *University of California Irvine*; Aprile Benner, *University of Texas-Austin*

210-2 **Do Children Perform Better in Religious Schools? Evidence From Population Data**  
 Deni Mazrekaj\*, *Christiaan Monden, University of Oxford*

210-3 **Does Family Socioeconomic Status Compensate for an Early Entry Into School Life? Evidence From Germany**  
 Mar Espadafor\*, *Giampiero Passaretta, European University Institute*

210-4 **Early Childhood Circumstances and Differential in Cognitive Well-being Among Tribal and Nontribal Children in India: Evidence From a Panel Study**  
 Rashmi Rashmi\*, *Ronak Paul*

## 211 Kinship Dynamics and Inequality

CHAIR: Ying Huang, *University of Texas at San Antonio*

DISCUSSANT: Ying Huang, *University of Texas at San Antonio*

**11:00 AM-12:15 PM — M106**

211-1 **Kinship Demography: Review and Key Areas for Future Development**  
 Diego Albrez-Gutierrez\*, *Max Planck Institute for Demographic Research*; Nicola Barban, *University of Essex*; Hal Caswell, *University of Amsterdam*; Martin Kolk, *Stockholm University*; Rachel Margolis, *University of Western Ontario*; Emily Smith-Greenaway, *University of Southern California*; Xi Song, *University of Pennsylvania*; Ashton Verdery, *Pennsylvania State University*; Emilio Zagheni, *Max Planck Institute for Demographic Research*

211-2 **The Concentration of Wealth Within Family Lineages: Clans as Units of Analysis**  
 Doron Shiffer-Sebba\*, *Limor Gabay-Egozi, Bar-Ilan University, Israel*

211-3 **"A Change is (Not) Gonna Come": A Twenty-Year Overview of Italian Grandparents–Grandchildren Exchanges**  
 Marta Pasqualini, *Universitat Pompeu Fabra*; Giorgio Di Gessa\*, *University College London*; Cecilia Tomassini, *University of Molise*

211-4 **The Influence of Cousin Order and Cousin Group Size on Educational Outcomes**  
 Kieron Barclay\*, *Max Planck Institute for Demographic Research*; Dalton Conley, *Princeton University*

## 212 Abortion Trends in the United States

CHAIR: Alexandra Kissling, *Public Consulting Group*

DISCUSSANT: Evangeline Warren, *The Ohio State University*

**11:00 AM-12:15 PM — International 9**

212-1 **Knowledge of and Experiences With Self-managed Abortion Among In-Clinic Abortion Patients in 49 U.S. Clinics**  
 Luisa Tello Pérez\*, *Kathleen Broussard, The University of Texas at Austin*; Dana Johnson; Carol Ze-Noah, *The University of Berkeley*; Elisa Padron, *Stanford University*; Abigail Aiken, *The University of Texas at Austin*

212-2 **Abortion Access, Child Maltreatment, and Foster Care Entries**  
 Marina Potter\*, *Pennsylvania State University*

212-3 **Experiences Seeking, Sourcing, and Using Abortion Pills at Home in the United States Through an Online Telemedicine Service**  
 ARISH QAMAR\*, *Dana Johnson; Kathleen Broussard, The University of Texas at Austin*; Luisa Tello Pérez; Carol -Armelle Ze-Noah, *The University of California, Berkeley*; ARISH QAMAR; Rebecca Gomperts, *Aid Access & Women on Web*; ARISH QAMAR

212-4 **Experimental Testing of New Approaches to Improve Abortion Reporting in the United States**  
 Laura Lindberg\*, *Guttmacher Institute*; Isaac Maddow-Zimet, *Guttmacher Institute*; Jennifer Mueller, *Guttmacher Institute*; Alicia VandeVusse

## 213 Importance of Context on Contraceptive Use and Fertility Desires

CHAIR: Laura Sochas,

DISCUSSANT: Ann Moore, *The Guttmacher Institute*

**11:00 AM-12:15 PM — M304**

213-1 **The Sociocultural Environment's Impact on Contraceptive Access and Use Among Young People in Burkina Faso, Ethiopia, Kenya, Nigeria, and Uganda**  
 Oluwatosin C. Adeyemi, *University of Lagos*; Jill Chanley; Christine Power\*, *Population Reference Bureau*; Ramya Jawahar Kudekallu, *International Youth Association for Family Planning*; Marissa Falk, *University of Florida*; Mastewal Zenebe, *International Youth Association for Family Planning*; Ronald Kakonge, *International Youth Association for Family Planning*; Lynette Ouma, *International Youth Association for Family Planning*; Saidou Sawadogo, *International Youth Association for Family Planning*; Burcu Bozkurt, *University of North Carolina at Chapel Hill*

213-2 **“For Those That Do Not Go to School, It’s for Prostitution”: An Intersectional Analysis of Attitudes Toward Contraceptive Use in Burkina Faso**  
 Leigh Senderowicz, *University of Wisconsin–Madison*; Nathalie Sawadogo; Al Kolenda, *University of Wisconsin–Madison*; Stephanie Chung\*, *University of North Carolina at Chapel Hill*; Bhavana Suvarna, *University of Wisconsin–Madison*; Talia Eiseman, *University of Wisconsin–Madison*; Ana Langer, *Harvard T.H. Chan School of Public Health*; Ali Sié, *Centre de Recherche en Santé de Nouna*; Pascal Zabre, *Centre de Recherche en Santé de Nouna*; Bassiahi Soura, *Universite de Ouagadougou- Burkina Faso*

213-3 **Context, Education, and Achievement of Desires: Can Education Be a Risk Factor for Unintended Fertility?**  
 Emily Smith-Greenaway, *University of Southern California*; Yingyi Lin\*

213-4 **“If I Use Family Planning, I May Have Trouble Getting Pregnant Next Time I Want to”: A Multicountry Survey-Based Exploration of Perceived Contraceptive-Induced Fertility Impairment and Its Relationship to Contraceptive Behaviors**  
 Suzanne Bell\*, *Johns Hopkins Bloomberg School of Public Health*; Cecilia Karp, *Johns Hopkins Bloomberg School of Public Health*; Elizabeth Omoluabi, *CRERD*; Georges Guiella, *University of Montreal*; Caroline Moreau, *INSERM/INED and Johns Hopkins School of Public Health*; Alison Gemmill, *Johns Hopkins Bloomberg School of Public Health*

## 214 Fertility and COVID-19 in the United States, Europe, and Latin America

CHAIR: Philip Cohen, *University of Maryland, College Park*  
 DISCUSSANT: Chiara Ludovica Comolli, *Stockholm University*

**11:00 AM-12:15 PM — International 8**

214-1 **Subnational Fertility and the COVID-19 Pandemic in Colombia and Brazil, 2010–2021**  
 Andres Castro\*, *Max Planck Institute for Demographic Research*; Nicolas Sacco, *Pennsylvania State University*; Ignacio Pardo, *Programa de Población, UDELAR*; B. Piedad Urdinola, *Universidad Nacional de Colombia-Bogota*; Enrique Acosta, *Max Planck Institute for Demographic Research*

214-2 **Using U.S. Administrative and Census Bureau Data to Generate Fertility Estimates to Measure the Impact of COVID-19**  
 Leslie Root\*, *University of Colorado Boulder*; Amanda Stevenson, *University of Colorado, Boulder Department of Sociology*; Katie Genadek, *U.S. Census Bureau*

214-3 **Fertility During the COVID-19 Pandemic**  
 Jenna Nobles\*, *University of Wisconsin–Madison*; Florencia Torche, *Stanford University*

214-4 **Pandemic Babies? The Fertility Response to the First COVID-19 Wave Across European Regions**  
 Natalie Nitsche\*, *Max Planck Institute for Demographic Research*; Aiva Jasilioniene, *Max Planck Institute for Demographic Research*; Jessica Nisen, *Max Planck Institute for Demographic Research*; Peng Li, *Max Planck Institute for Demographic Research*; Maxi Kniffka; Gunnar Andersson, *Stockholm University*; Christos Bagavos, *Panteion University of Social and Political Sciences*; Ann Berrington, *University of Southampton*; ARISH QAMAR; Susana Clemente, *University of Lisbon*; Lars Dommermuth, *Statistics Norway*; Peter Fallesen, *Rockwool Foundation*; Dovile Galdauskaite, *Vilnius University*; Mathias Lerch; McDonnell Cadhla, *Trinity College Dublin*; Arno Muller, *Institut national d'études démographiques*; Karel Neels, *Antwerp University*; Pötsch Olga, *Destatis–Statistisches Bundesamt*; Diego Ramiro-Fariñas, *Centro de Ciencias Humanas y Sociales (CSIC)*; Bernhard Riederer, *Wittgenstein Centre (IIASA, VID/ÖAW, WU)*, *Viena Institute of Demography/ Austrian Academy of Sciences*; Saskia te Riele, *Statistics Netherlands*; Laura Szabó, *Hungarian Demographic Research Institute*; Laurent Toulemon, *Institut National d'Études Démographiques (INED)*; Daniele Vignoli, *University of Florence*; Krystof Zeman, *Austrian Academy of Sciences*; ARISH QAMAR; Mikko Myrskylä, *Max Planck Institute for Demographic Research*

## 215 Infertility and Assisted Reproductive Technologies

CHAIR: Alice Goisis, *University College London*  
 DISCUSSANT: Alison Gemmill, *Johns Hopkins University*

**11:00 AM-12:15 PM — M109**

215-1 **Life Course Patterns of Perceived Infertility and Number of Births: Evidence From German Panel Data**  
 Arthur Greil, *Alfred University*; Desmond Wallace\*, *Alfred University*; Martin Bujard; Jasmin Passet-Wittig, *Federal Institute for Population Research*; Julia McQuillan, *University of Nebraska Lincoln*; Michele Lowry, *Alfred University*

215-2 **Examining Multiple Dimensions and New Measures of Fear of Infertility: A Mixed-Methods Study Among Women in Malawi**  
 Marta Bornstein\*, *Ohio State University*; Alison Norris, *The Ohio State University*; Alexandra Wollum, *University of California, Los Angeles*; Jessica Gipson, *University of California, Los Angeles*

215-3 **Socioeconomic and Spatial Disparities in Access to Medically Assisted Reproductive Treatments**  
 Ester Lazzari\*, *The Australian National University*; Georgina Chambers, *University of New South Wales*; Bernard Baffour, *The Australian National University*

215-4 **The Future of Assisted Reproductive Technology Live Births in the United States**  
 Katherine Tierney\*



## 216 Conceptualization and Measurement of Gender Attitudes

*CHAIR: Megan Reed, University of Pennsylvania*

*DISCUSSANT: Sophia Chae, University of Montreal*

**11:00 AM-12:15 PM — International 1**

- 216-1 **The Emergence of Superwomen Schema: A Relational Class Analysis Approach Toward Gender Norms and Attitudes in East Asia**  
Sang Won Han; Eunsil Oh\*, *University of Wisconsin-Madison*
- 216-2 **Changing Attitudes Toward Homosexuality in South Korea, 1996–2017: A Gendered Life Course Perspective**  
Zhiyong Lin, *University of Texas at Austin*; Jaein Lee\*, *University of Maryland - College Park*
- 216-3 **Gender, Sexual Norms, Romance, and Sexual Debut in Early Adolescence: A Longitudinal Study Among Adolescents in Kinshasa**  
Caroline Moreau\*, *INSERM/INED and Johns Hopkins School of Public Health*; Celia Karp, *Johns Hopkins Bloomberg School of Public Health*; Linnea Zimmerman, *Johns Hopkins Bloomberg School of Public Health*; Kristin Mmari, *Johns Hopkins Bloomberg School of Public Health*; Mengmeng Li, *Johns Hopkins Bloomberg School of Public Health*; Eric Mafuta, *Kinshasa School of Public Health*; Aime Lulebo, *Kinshasa School of Public Health*
- 216-4 **Adapting and Validating the G-NORM (Gender Norms Scale) in Nepal: An Examination of How Gender Norms Are Associated With Agency and Reproductive Health Outcomes**  
Erica Sedlander\*; Minakshi Dahal, *Center for Research on Environment Health and Population Activities*; Jeffrey Bingenheimer, *The George Washington University*; Mahesh Puri, *Center for Research on Environment Health and Population Activities*; Rajiv Rimal, *Johns Hopkins School of Public Health*; Rachel Granovsky, *University of California, San Francisco*; Nadia Diamond-Smith, *University of California, San Francisco*

## 217 Internal Migration Trends

*CHAIR: Michael White, Brown University*

*DISCUSSANT: Lee Fiorio, University of Washington*

**11:00 AM-12:15 PM — M103**

- 217-1 **Age, Period, and Cohort Effects Contributing to the Great American Migration Slowdown**  
Robert Bozick\*, *Rice University*
- 217-2 **Does Access to Health Insurance Hinder Interstate Mobility in the United States?**  
Deshamithra Jayasekera\*
- 217-3 **Uncovering Migration Systems Through Spatiotemporal Tensor Co-Clustering**  
Zack Almquist\*, *University of Washington*; Tri Duc Nguyen, *Oregon State University*; Mikael Sorensen, *University of Virginia*; Xiao Fu, *Oregon State University*; Nicholas Sidiropoulos, *University of Virginia*

## 217-4 The New Italian Emigration in the Light of Diffusionism

Francesca Bitonti\*; Angelo Mazza; Salvatore Strozza, *University of Naples Federico II*

## 218 Rural Demographic, Economic, and Social Change

*CHAIR: Grigoris Argeros,*

*DISCUSSANT: Clark Gray, University of North Carolina at Chapel Hill*

*DISCUSSANT: Ryan Parsons,*

**11:00 AM-12:15 PM — M105**

- 218-1 **Internal Migration and Weight Status in Sub-Saharan Africa: A Longitudinal Analysis in Malawi**  
Weilong Li\*, *University of Pennsylvania*; Iliana Kohler, *University of Pennsylvania-Population Studies Center*; Hans-Peter Kohler, *University of Pennsylvania*
- 218-2 **The Paradox of Rural Population Decline**  
Daniel Lichter\*, *Cornell University*; Kenneth Johnson, *University of New Hampshire*
- 218-3 **Household Head's Livelihood Choice and Income Growth in Rural China**  
Yuying Tong, *Chinese University of Hong Kong*; Yiqing Gan\*, *Chinese University of Hong Kong*
- 218-4 **Patterns of Racial Residential Segregation in U.S. Nonmetropolitan Areas: A Reassessment With New Methods for Measurement and Analysis**  
Amber Crowell\*, *California State University, Fresno*; Mark Fossett, *Texas A&M University*

## 219 COVID-19 Related Mortality

*CHAIR: Aarti Bhat,*

*DISCUSSANT: Kendal Lowrey, The Pennsylvania State University*

**11:00 AM-12:15 PM — M102**

- 219-1 **Reductions in U.S. Life Expectancy From COVID-19 by Race and Ethnicity: Is 2021 a Repetition of 2020?**  
Theresa Andrasfay\*, *University of Southern California*; Noreen Goldman, *Princeton University*
- 219-2 **Understanding Cause-Specific Excess of Mortality in Mexico, 2020**  
Mauricio Rodriguez Abreu\*, *Universidad de las Americas Puebla*
- 219-3 **Unpacking Inequalities in COVID-19 Mortality in England and Wales**  
Jennifer Dowd\*, *University of Oxford*; José Manuel Aburto, *University of Oxford*; Andrea Tilstra, *Leverhulme Centre for Demographic Science*; Melinda Mills, *Leverhulme Centre for Demographic Science, University of Oxford*; Ridhi Kashyap, *University of Oxford*; Colin Angus, *University of Sheffield*

- 219-4 **Significant Declines in 2020 U.S. Life Expectancy Are About More Than COVID-19**  
Ryan Masters\*, *University of Colorado Boulder*; Steven Woolf; Laudan Aron, *Urban Institute*

## 220 South Asian Demography: 75 Years After the Empire

CHAIR: Sajeda Amin, *Population Council*

11:00 AM-12:15 PM — International 3

- 220-1 **Cross-border Diffusion of Ideas and Innovation**  
Alaka Basu\*, *Cornell University*
- 220-2 **South Asian Demography in Historical Perspective**  
Tim Dyson\*, *London School of Economics*
- 220-3 **Gender in South Asia**  
Batool Zaidi\*, *Western Washington University*
- 220-4 **Cultural Roots of Female Autonomy**  
Zeba Sathar\*, *Population Council*

## 221 Policy Responses to Population Aging

CHAIR: Adriana Reyes, *Cornell University*

DISCUSSANT: Leah Abrams, *Harvard T.H. Chan School of Public Health*

12:45 PM-2:00 PM — International 4

- 221-1 **Mismatch Between Physical Health and Job Demands Among Older Workers by Full Retirement Age**  
Theresa Andrasfay\*, *University of Southern California*
- 221-2 **Population Aging and Work-Life Duration: Myths and Realities in the Canadian Context**  
Gilbert Montcho\*, *University of Montreal*; Yves Carriere, *University of Montreal*
- 221-3 **How Do Changes in Public Social Care Expenditure Affect Socioeconomic Inequalities in the Use of Formal and Informal Care Among Older Adults? Evidence From Welfare Cuts in England**  
Ludovico Carrino, *King's College London*; Ginevra Floridi\*, *King's College London*; Mauricio Avendano, *King's College London / Harvard University*; Karen Glaser, *King's College London*
- 221-4 **Hospice Use by Cause of Death: Implications for Patients, Families, and the Medicare Hospice Benefit**  
Rebecca Utz\*, *University of Utah*; Michael Hollingshaus, *University of Utah*

## 222 Economic Effects of COVID-19

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

DISCUSSANT: Jason Fields, *U.S. Census Bureau*

12:45 PM-2:00 PM — International 3

- 222-1 **COVID-19's Uneven Impact on Employment: The Composition of Job Loss in 2020**  
Charles Hokayem, *US Census Bureau*; Ethan Krohn, *US Census Bureau*; Matthew Unrath\*, *US Census Bureau*
- 222-2 **Parents' Vulnerability to Job Loss and Leaving During COVID-19**  
Kelly Musick\*, *Cornell University*; Ann Meier, *University of Minnesota*; Jessie Himmelstern; Sheela Kennedy, *University of Michigan*
- 222-3 **Unequal Effects of the COVID-19 Epidemic on Employment: Differences by Race/Ethnicity and Immigrant Status**  
Kristin Liao\*, *University of California, Los Angeles*; Andres Villarreal, *University of California, Los Angeles*
- 222-4 **Demand Shocks and Immigrant Employment: Evidence From U.S. Restaurants**  
Ernesto Amaral\*, *Texas A&M University*; Huyen Pham, *Texas A&M University School of Law*; Raymond Robertson, *Texas A&M University*; Suojin Wang, *Texas A&M University*; Areala Mendoza, *Texas A&M University*; Nereyda Ortiz Osejo, *Texas A&M University*

## 223 Analytic Demography

CHAIR: Kenneth Land, *Duke University*

DISCUSSANT: Scott Lynch, *Duke University*

12:45 PM-2:00 PM — M104

- 223-1 **Heritable Fertility Is Not Sufficient for Positive Long-Term Population Growth**  
Samuel Arenberg, *University of Texas at Austin*; Kevin Kuruc, *University of Oklahoma*; Nathan Franz, *University of Texas at Austin*; Sangita Vyas\*, *University of Texas at Austin*; Nicholas Lawson, *Université du Québec à Montréal*; Melissa LoPalo, *Montana State University*; Mark Budolfson, *Rutgers*; Michael Geruso, *University of Texas at Austin*; Dean Spears, *University of Texas at Austin*
- 223-2 **Group- and Individual-Based Approaches to Health Inequality: Toward an Integration**  
Inaki Permanyer\*, *Centre d'Estudis Demografics*; Isaac Sasson, *Tel Aviv University*; Francisco Villavicencio, *Centre d'Estudis Demografics (CED)*
- 223-3 **Mortality Modeling at Old Age: A Mixture-Model Approach**  
Silvio Cabral, *EDSD*; Fredy Castellares, *Universidade Federal de Minas Gerais*; Bernardo Queiroz\*, *CEDEPLAR*
- 223-4 **Sex Gap in Cohort Survival: The Contribution of Breast Cancer**  
Vladimir Canudas-Romo\*, *Australian National University*; Wen Su, *Australian National University*; Virginia Zarulli, *Interdisciplinary Centre on Population Dynamics, University of Southern Denmark*; Stefano Mazzucco, *Università di Padova*

## 224 Culture: Concepts, Measures, and Influences on Demographic Outcomes

CHAIR: Mark VanLandingham, Tulane University

DISCUSSANT: Jennifer Hirsch, Columbia University

12:45 PM-2:00 PM — M101

### 224-1 Cultural Similarities Predict Migration Over and Above Shared Location, Shared Language, and Shared History

Carolina Vieira\*, Max Planck Institute for Demographic Research; Sophie Lohmann, Max Planck Institute for Demographic Research; Emilio Zagheni, Max Planck Institute for Demographic Research

### 224-2 Developing a Culturally Salient Measure of Union Formalization in Urban Kenya

Kirsten Stoebenau\*, University of Maryland; Sangeetha Madhavan, University of Maryland, College Park; Carol Wainaina, African Population Health Research Center; Seungwan Kim, University of Maryland; Blessing Mberu, African Population and Health Research Center (APHRC)

### 224-3 Measuring Cultural Logics of Racism and Sexism Using Interview Data

Lauren Valentino\*, The Ohio State University; Evangeline Warren, The Ohio State University

### 224-4 Age Beyond Chronology

Sasha Johfre\*, Stanford University

## 225 Investments in Childhood

CHAIR: Erin Baumgartner, Houston Education Research Consortium, Rice University

DISCUSSANT: Mariana Amorim, Washington State University

12:45 PM-2:00 PM — International 10

### 225-1 Public Assistance, Employment, and the Transition to Adulthood Among Children Maltreated During Early Adolescence

Michael Caniglia\*, Pennsylvania State University

### 225-2 The Squeezed Middle: Effects of Universal Pre-Kindergarten on the Use of Center-Based Care and Child Care Payments

Sarah Kwon\*, Columbia University

### 225-3 Cash for Kids: The Long and Short-Run Consequences of Monthly Child Allowances

Assaf Kott\*

### 225-4 Room to Grow: Examining Participation and Stability in Child Care Subsidies Using State Administrative Data

Taryn Morrissey\*, American University; Colleen Heflin, Syracuse University; William Clay Fannin

## 226 Parenting: Gender, Work, and Family

CHAIR: Amira Allen, Bowling Green State University

DISCUSSANT: Kei Nomaguchi, Bowling Green State University

12:45 PM-2:00 PM — M106

### 226-1 Social Class, Gender, and Parental Self-evaluations: Evidence of Different Standards?

Patrick Ishizuka\*, Washington University in St. Louis

### 226-2 Not on Company Time: Did the COVID-19 Pandemic Change Work–Life Culture?

Scott Schieman\*, University of Toronto; Philip Badawy, University of Toronto; Daniel Hill, University of Toronto

### 226-3 Division of Labor Stress and Dual-Earner Parents' Well-being During the COVID-19 Pandemic

Miranda Berrigan\*, The Ohio State University; Claire Kamp Dush, University of Minnesota; Wendy Manning, Bowling Green State University

### 226-4 Weathering the Storm: Longitudinal Evidence on Women's Changing Family Relationships During COVID-19

Jeremy Lim-Soh\*, National University of Singapore; Poh Lin Tan, National University of Singapore

## 227 Abortion

CHAIR: Alexandra Kissling, Public Consulting Group

DISCUSSANT: Jacob Kepes, The Ohio State University

12:45 PM-2:00 PM — International 9

### 227-1 Talking About Abortion: When, Why, and to Whom Women Disclose Their Abortions and Implications for Using Social Network-Based Measures to Estimate Abortion in Ethiopia and Uganda

Elizabeth Sully\*, Guttmacher Institute; Margaret Giorgio, Guttmacher Institute

### 227-2 Using Respondent-Driven Sampling to Measure Abortion Safety in Restrictive Contexts: Results From the Kaya (Burkina Faso) and Nairobi (Kenya) Health and Demographic Surveillance Systems

Moussa Zan; Onikepe Owolabi\*, Guttmacher Institute; Adama Baguiya, IRSS/CNRST; Clement Oduor, African Population & Health Research Center; Martin Bangha, African Population & Health Research Center; Caron Kim, WHO; Clementine Rossier, Université de Genève; N-MAS Team, IDESO/Unige

### 227-3 Estimating the Social Visibility of Abortions in Ethiopia and Uganda Using the Game of Contacts

Margaret Giorgio\*, Guttmacher Institute; Fred Makumbi, Makerere University; Simon Kibira, Makerere University, School of Public Health; Assefa Seme Deresse, Addis Ababa University; Solomon Shiferaw, Addis Ababa University; Sarah Nabukeera, Makerere University; Selena Anjur-Dietrich, Johns Hopkins University; Mahari Gidey; Niguse Tadele, Addis Ababa University; Elizabeth Sully, Guttmacher Institute

227-4 **Social Network–Based Abortion Incidence Estimation in Burkina Faso: Examining the Impact of the Network Generating Question**  
 Suzanne Bell\*, *Johns Hopkins Bloomberg School of Public Health*; Georges Guiella, *University of Montreal*; Selena Anjur-Dietrich, *Guttmacher Institute*; Fiacre Bazie, *Institut Supérieur des Sciences de la Population (ISSP), University of Ouagadougou*; Yentema Onadja, *University of Montreal*; Saifuddin Ahmed, *Johns Hopkins University*; Caroline Moreau, *INSERM/INED and Johns Hopkins School of Public Health*

## 228 Fertility Intentions and the COVID-19 Pandemic

CHAIR: Christine Bachrach, *University of Maryland*

DISCUSSANT: Federica Querin, *Princeton University*

**12:45 PM-2:00 PM — International 8**

228-1 **Fertility Decline, Fertility Reversal, and Changing Childbearing Considerations in Sweden: A Turn to Subjective Imaginations?**  
 Gerda Neyer, *Stockholm University*; Gunnar Andersson\*, *Stockholm University*; Johan Dahlberg, *Stockholm University*; Sofi Ohlsson-Wijk, *Stockholm University*; Sunnee Billingsley, *Stockholm University*; Linus Andersson

228-2 **The Access to Home-Based Work Gained During COVID-19 Pandemic and Changes in Fertility Intentions Among Men and Women**  
 Anna Kurowska\*, *University of Warsaw*; Beata Osiewalska, *University of Warsaw*

228-3 **Fertility Intentions During the Pandemic**  
 Wendy Manning\*, *Bowling Green State University*; Karen Guzzo, *Bowling Green State University*; Claire Kamp Dush, *University of Minnesota*

228-4 **Changes in Fertility Intentions During the COVID-19 Pandemic in Canada**  
 Ana Laura Fostik Sanchez\*, *Statistics Canada*; Nora Galbraith, *Statistics Canada*

## 229 Inequality in Reproductive Health in Health Care Settings

CHAIR: Sarah Hayford, *The Ohio State University*

DISCUSSANT: Maria Gallo, *Ohio State University*

**12:45 PM-2:00 PM — M109**

229-1 **Women's Disability Status and Access to Reproductive Health Information and Services**  
 Kerry MacQuarrie\*, *The DHS Program (Avenir Health)*; Julia Fleuret, *University of California, Davis*

229-2 **Abortion-Related Near-Miss Events in Fragile Contexts: Results From a Qualitative Study in Jigawa State, Nigeria**  
 Ann Moore\*, *The Guttmacher Institute*; Tamara Feters, *Ipas*; Timothy Williams, *EpiCentre, MSF*; Estelle Pasquier, *EpiCentre, MSF*; Joy Kantiok, *EpiCentre, MSF*; Claire Fotheringham, *Médecins Sans Frontières, OCP*; Onikepe Owolabi, *Guttmacher Institute*; Laitu Jatau, *EpiCentre, MSF*; Bill Powell, *Ipas*; Catrin Schulte-Hillen, *Médecins Sans Frontières, International, Geneva, Switzerland at the time the study was conducted*

229-3 **Within- and Between-Hospital Racial Differences in Birth Care Experiences**  
 Fiona Weeks\*, *University of Wisconsin-Madison*

229-4 **Surgical Sterilizations in Appalachian Ohio**  
 Christina Bijou\*, *The Ohio State University*; Cynthia Colen, *The Ohio State University*; Anna Church, *The Ohio State University*; Terri Hood-Brown, *Ohio University*

## 230 Stratified Reproduction and Reproductive Justice

CHAIR: Apoorva Jadhav, *United States Agency for International Development*

DISCUSSANT: Jamaica Corker, *Bill and Melinda Gates Foundation*

**12:45 PM-2:00 PM — International 2**

230-1 **Reproductive Justice in the Colombian Armed Conflict**  
 Signe Svallfors\*, *Stockholm University*

230-2 **Changes in Black–White Time-to-Conception Under Varying Scenarios Over the Next 50 Years: The Role of Compositional Change Due to Climate**  
 Kelsey Wright\*, *University of Wisconsin-Madison*

230-3 **Stratified Surgical Births: Disparities in Cesarean Section Among Live Births in São Paulo, Brazil**  
 Surbhi Shrivastava\*, *Emory University*

230-4 **Population Control, Feminism, and Reproductive Justice: Family Planning's "Strange Bedmates" 25 Years After Cairo**  
 Leigh Senderowicz, *University of Wisconsin-Madison*; Rishita Nandagiri\*, *London School of Economics and Political Science*

## 231 Gender and Sexuality-Based Violence

CHAIR: Sajeda Amin, *Population Council*

DISCUSSANT: Saumya Ramarao, *Population Council*

DISCUSSANT: Beth Kangwana, *Population Council*

**12:45 PM-2:00 PM — International 1**

231-1 **Earnings Gap and Intimate Partner Violence: Testing Household-Bargaining Model and Male-Backlash Model Theories**  
 Ratna Patel\*, *International Institute for Population Sciences*; Shekhar Chauhan, *International Institute for Population Sciences*



231-2 **Protection for Some, Purgatory for Others: Evidence From Helplines on the Evolution of Violence Against Peruvian Women and Children During the COVID-19 Pandemic**  
Renzo Calderon Anyosa\*, Felicia Knaul, *UMiami*; Jay Kaufman, *McGill*

231-3 **Understanding Adolescents' Perspectives on Street Harassment in Kathmandu, Nepal: Mixed-Methods Results Using Video Vignettes**  
Anna Bolgrien\*, *University of Minnesota*; Deborah Levison, *University of Minnesota*; Binu Sharma, *University of Minnesota*

231-4 **The Long Echo of War: Early-Life Exposure to Armed Conflict and Female Experiences of Intimate Partner Violence**  
Orsola Torrissi\*, *The London School of Economics*

## 232 Chronic and Mental Health

CHAIR: Omkar Joshi, *University of Maryland*

DISCUSSANT: Lei Lei, *Rutgers University*

12:45 PM-2:00 PM — M304

232-1 **Cash Transfers and the Mental Health of Young People: Evidence From South Africa's Child Support Grant**  
Emily Garman, *University of Cape Town*; Katherine Eyal, *University of Cape Town*; Mauricio Avendano\*, *University of Lausanne*; Sara Evans-Lacko, *London School of Economics*; Crick Lund, *University of Cape Town*

232-2 **Child Marriage and Chronic Diseases Among Women in India: The Mediating Pathways of Early Motherhood and Reproductive History**  
Kriti Vikram\*, *National University of Singapore*; Abhijit Visaria, *National University of Singapore*; Dibyasree Ganguly, *Jawaharlal Nehru University*

232-3 **The Age-Graded Effect of Incarceration on Mental Health in Early Adulthood**  
Hexuan Liu, *University of Cincinnati*; Breanna Clark\*, *University of Cincinnati*

## 233 International Migration Flows

CHAIR: Sarah Miller, *Pennsylvania State University*

DISCUSSANT: Jeffrey Passel, *Pew Research Center*

12:45 PM-2:00 PM — M103

233-1 **The Globalization of International Migration: A Demographic Decomposition of International Migration Rates, 1990–2015**  
Jasmine Ha\*, *University of Western Ontario*; Jack DeWaard, *University of Minnesota, Twin Cities*; Christopher Levesque, *University of Minnesota*; Kobie Price, *University of Minnesota*; Kazumi Tsuchiya, *University of Minnesota, Minnesota Population Center*

233-2 **Models of International Migration Destination Preferences**  
Nathan Welch\*, *University of Washington*; Adrian Raftery, *University of Washington*

233-3 **Using Administrative Records to Estimate Foreign-born Immigration to the United States**  
Cory Borsella\*, *U.S. Census Bureau*

233-4 **Estimating Foreign-born Emigration Using Longitudinal Tax Filings and Social Security Data**  
Anthony Knapp\*, *U.S. Census Bureau*; Thomas Foster, *U.S. Census Bureau*; Erik Vickstrom, *U.S. Census Bureau*

## 234 Urbanization and Population Redistribution

CHAIR: Amber Crowell, *California State University, Fresno*

DISCUSSANT: Hannah Postel, *Princeton University*

12:45 PM-2:00 PM — M105

234-1 **The End of Urban Sprawl? A Swiss Assessment, 1966–2018**  
Mathias Lerch\*

234-2 **Evaluation of Urbanization Status in Pakistan Using Emerging Remote Sensing Products**  
Hamidreza Zoraghein\*, *Population Council*; Muhammad Khalil, *Population Council*; Maqsood Sadiq, *Population Council*

234-3 **Population Growth, Urbanization, and Environmental Degradation in Nepal**  
Bhagawat Rimal\*; Abhishek Tiwary, *Institute of Energy and Sustainable Development, De Montfort University, Leicester, LE1 9BH, UK*

234-4 **Societal Turbulence and Ethnic Migration in Kyrgyzstan**  
Lesia Nedoluzhko\*, *Independent Researcher*; Victor Agadjanian, *University of California Los Angeles*

## 235 Morbidity, Mortality, and Climate Change

CHAIR: Deborah Balk, *CUNY Institute for Demographic Research*

DISCUSSANT: Landy Sánchez Peña, *El Colegio de México*

DISCUSSANT: Kathryn Grace, *University of Minnesota, Twin Cities*

12:45 PM-2:00 PM — M102

235-1 **Rainfall and Infant Mortality in Rural Senegal**  
Hamidou Diallo\*; Anne-Sophie Robilliard, *Institut de Recherche pour le Développement (IRD)-DIAL*

235-2 **Climate Change and Health Transitions: Evidence From Antananarivo, Madagascar**  
Jordan Klein\*; Anjarasoa Rasoanomenjanahary, *Bureau Municipal d'Hygiène de la Commune Urbaine d'Antananarivo*

235-3 **Extreme Weather Events and Adverse Birth Outcomes: Evidence From Brazil**  
Heather Randell\*, *Pennsylvania State University*; Kathryn Grace, *University of Minnesota, Twin Cities*; Thais Tartalha Lombardi, *Universidade Federal do ABC*

235-4 **Excess Mortality and Associated Risk Factors Related to Hurricane Maria in Puerto Rico**  
Kristen Cowan\*

**236 Shifting Demographic Gravity in Asia**  
*(This session has been moved to Friday, please visit the mobile/online app for up-to-date information.)*

*CHAIR: Leiwen Jiang, Population Council and Shanghai University*

*DISCUSSANT: John Wilmoth, United Nations Population Division*

*DISCUSSANT: Leiwen Jiang, Population Council and Shanghai University*

**12:45 PM-2:00 PM — International 7**

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**236-1 Recent Demographic Changes in China**

*Baochang Gu\*, Renmin University of China*

**236-2 Gender, Youth, and Demographic Shifts in India**

*Shireen Jejeebhoy\*, Population Council-India*

**236-3 Can a Defined Contribution Pension System Improve Old-Age Financial Adequacy in Indonesia?**

*Aris Ananta\*, Universitas Indonesia*

**236-4 More than 50% Urban: A Possible Game Changer for Pakistan's Slow and Staggered Fertility Transition?**

*Zeba Sathar\*, Population Council*

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Oral Paper, Poster and Session Participants

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