



# Maryland Population Research Center

in the College of Behavioral and Social Sciences  
University of Maryland

Fall 2024

## Newsletter

Volume 17, Issue 1

### New Faculty Associates

**Demar Lewis**, Assistant Professor of Criminology and Criminal Justice, currently examines the influence of gentrification and resource deprivation on policing practices and Black Americans' perceptions of community safety in Cincinnati; the evolution of the "defund" mandate in U.S. politics; the



health consequences of carceral violence and racism in the U.S.; and the causes and consequences of U.S. lynchings. To pursue this research agenda, He uses historical methods, qualitative interviews, statistical analyses, and computational methods. Across each project, he assesses the impact of inequitable policies or practices on the health and welfare of minoritized and resource-deprived populations.

### New Affiliates

#### External Affiliates

**Jisun Min**, member of the Panel Survey Team at the Korean Labor Force Development Institute for the Aged, examines racial-ethnic differences in leisure and housework by nativity, working with MPRC collaborators Julie Park and Liana Sayer. More broadly, she is interested in how childcare shapes work outcomes over time among various population groups and in explaining its gendered patterns in the United States and South Korea. Her current work focuses on how the employment and well-being of grandparents differ across gender and education.

**Hope Xu Yan**, Assistant Professor of Sociology, Louisiana State University, is a medical sociologist and family demographer whose research centers on how social inequalities in health and well-being are (re)produced within family and through workplace dynamics.



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### Director's Note

Dear MPRC community,

It is again a great pleasure to welcome you back from the summer break. This fall begins MPRC's fifth consecutive five-year award under the population research infrastructure program of the Eunice Kennedy Shriver National Institute of Child Health and Human Development Population Dynamics Branch (see "Recent External Funding"). MPRC's founding director, the late Suzanne Bianchi, led the Center to its successful first five-year award in 2002 as a cross-department outgrowth of the Center on Population, Gender, and Social Inequality, directed by the late Harriet Presser. The MPRC began as a collaboration largely between the Sociology and Economics departments at UMD College Park, and I express here my great appreciation for the integrating role played by our second MPRC Director, Seth Sanders, then a Professor in the UMD Economics Department, and who continues to be a stellar contributor to population economics and economic demography. MPRC has since then grown enormously in strength with the founding in 2007, and subsequent growth, of the School of Public Health (SPH). My immediate predecessor, Sandy Hofferth, was MPRC's first Director to be located in SPH. Among her many accomplishments has been the continuation and integration with the research agendas also of her colleagues in SPH of the American Time Use Survey and of the broader national and international Time Use Project (very ably led now by Liana Sayer in the Department of Sociology): see on page 3 of this Newsletter the Call for Papers for the 2025 Time Use conference timed to coincide with the PAA's being held in April 2025 in Washington, DC. Submissions are due September 30!

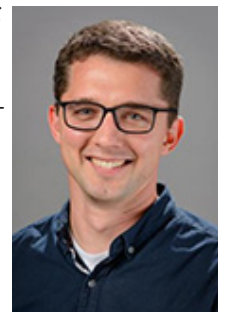


With MPRC Associate Director and Development Core lead Susan Parker's well-earned sabbatical having recently begun, I am delighted to extend a welcome to Wade Jacobsen, Associate Professor of Criminology and Criminal Justice, who will take on both the Associate Director and Development Core lead in an Acting role for this coming year. Susan and Wade have put together an exciting set of seminars and events for the Fall (announced, page 4) and for the Spring (in progress, and ideas for speakers in remaining unfilled slots still welcomed). A big welcome too to our new Associates and Affiliates (see through the first three pages of this Newsletter). The new ideas, perspectives, and research agendas of our recently affiliated community members continue to bring a great intellectual dynamism to the MPRC. Some of the diverse and exciting innovations in the research agendas of our continuing Associates are highlighted through this Newsletter (including the Kenya kinship project, Sangeetha Madhavan PI, and India Human Development project, Sonalde Desai PI), and I encourage you to engage with them and with each other during the coming year.

### Wade C. Jacobsen MPRC Acting Associate Director for 2024-25

Associate Professor of Criminology Wade Jacobsen will serve as Acting Associate Director for the coming academic year as Associate Director Susan Parker engages in sabbatical research.

Prof. Jacobsen is an Associate Professor in the Department of Criminology and Criminal Justice. His research examines how the development of risky behaviors in childhood, adolescence, and young adulthood is shaped by interactions with institutions (e.g., schools, criminal legal system) and social networks. Most of his current research assesses the impacts of a youth's experience with school discipline or criminal justice involvement on changes in their peer networks and risky behaviors. Dr. Jacobsen has been an active member of MPRC since 2017.



## Research Profile

### Development of methods to assess geographic variation in reproductive health behaviors and outcomes over the life course

Heide Jackson, NICHD R03, \$156,000



Abortion is a common reproductive health experience in the U.S. Annual abortion rates are known to vary by both socio-demographic characteristics and state contexts. Annual incidence of abortion has changed substantially over time and differentially by state. Little is known, however, about cumulative lifetime abortion incidence and its socio-demographic associations at the state level. Dr. Jackson will attempt to fill these knowledge gaps using data through 2019 for six states that subsequently experienced radically different policy and legal changes after the Dobbs versus Jackson Women's Health Organization decision. The study states consist of two with relatively liberal abortion policies and four with more restrictive laws and policies respectively in the Midwest and the Southeast. A first methodological goal

is the successful development and testing of an indirect question method, the "abortion list experiment", thereby overcoming severe survey underreporting of abortion in direct self-report questions. A second methodological goal is the estimation of state level cumulative lifetime abortion incidence for real cohorts. Real-cohort measures are especially important when levels are changing over time, as they have been in the U.S. over recent decades, and are very likely to do so post-Dobbs. The aims of the study are to advance understanding: 1) of cumulative lifetime abortion incidence through the end of the reproductive ages for real cohorts at the state level; 2) of state-specific abortion differentials by variables for which there are reliable external denominator data available such as for race/ethnicity, education, and income; 3) of state-specific abortion differentials by theoretically-important variables for which there are no reliable external denominator data available such as for perceived and experienced barriers to health care access and enrollment in Medicaid and other health insurance types; and 4) of how state contexts, laws, and policies are associated with differences in patterns of socio-demographic and health-care disparities by state.

## Grant Submissions

Since October 2023 MPRC personnel assisted researchers with proposals of \$9.42 million in new funding. Recently awarded proposals are indicated by an asterisk (\*). A comprehensive listing of Faculty Associate external funding appears on page 4.

### Mónica Caudillo and Andres Villreal (UCLA)

*Individual Adaptive Behaviors to the COVID-19 Pandemic and Infant Health in Mexico, NIH-NICHD, \$438,539*

### Sonalde Desai and Sharan Sharma

*Women's Empowerment and Health Trajectories across the Life Course in Gendered Contexts, NIH-NICHD, subaward from JHU, Feinian Chen PI, \$573,328*

### Heide Jackson

*Social Stress and Birthweight in the Global South, NIH-NICHD, subaward from Catholic University, Laurie DeRose PI, \$25,487*

### Ken Leonard and Sangeetha Madhavan

*Transitions to Adulthood and Transmission of Inequality as seen in a 30-year Panel from Kagera, Tanzania, NIH-NICHD, \$3,131,517*

### Collin Mueller

*Unequally Uninsured in the Wake of the ACA, NIH-NICHD, \$156,000*

### \* Michael Rendall

*Evaluation of DEL-CAN - Dissemination Plan, Anonymous donor, \$143,789*

### Michael Rendall

*Understanding Disparities in Physical and Mental Health of Older Adults Five Years after Hurricane Katrina, NIH-NIA, \$410,174*

### Michael Rendall with Sonalde Desai, Heide Jackson, Sangeetha Madhavan, Nicole DeLoatch, and Sharan Sharma

*Older Population Health Impacts of Extreme Coastal-Urban Flooding Events, NIH-NIA, \$4,025,087*

### Sangeetha Madhavan and Kirsten

#### Stoebenau

*Kinship, Nuptiality and Child Health Outcomes in a Low Income Urban Area Diversity Supplement, NIH-NICHD R01, \$155,128*

### Sharan Sharma and Sonalde Desai

*School Feeding Programs and Nutritional Outcomes for Vulnerable Children, NIH-NICHD, \$156,000*

### Katrina Walsemann

*Understanding How Individual and State-level Exposures Across the Life Course Shape AD/DR Risk Among Black and White Older Adults, NIH-NIA, subaward from Vanderbilt, Rachel Donnelly PI, \$200,685*

## New Affiliates, continued from page 1

An alumna of MPRC, she has published several journal articles that contribute to the understanding of racial-ethnic, gender, and socioeconomic inequalities in population health.

### Maria Stanfors, Professor of Economic Demography, Lund University, Sweden,



investigates the economic histories of education, female labor force participation, housework, and family formation, as well as the interrelationships between them. She runs parallel projects

on past and present gender differentials in labor market outcomes (focusing on wages, careers, and union membership); gender and time allocation; family formation and family dynamics differentials across educational and occupational groups; and the role of assortative mating for income inequality and health. She is particularly interested in how unpaid care responsibilities are combined with paid work at different stages of the life course - something that is particularly important to understand in contexts with an aging population.

## Faculty Affiliates

**Beka Guluma**, post-doctoral associate in African American and Africana Studies, examines the relationship between immigrant integration, transnational engagement, and racial and ethnic identity with a particular focus on Black (namely, African) immigrants. His current research centers on Oromo immigrants from Ethiopia. Drawing mainly on in-depth interviews in the Washington, D.C. and Minneapolis / St. Paul metropolitan areas, he explores how ethnic and racial identities are and continue to be informed by events and processes in both the United States and Ethiopia. His research has been published in some of the top racial and ethnic studies journals including *Sociology of Race and Ethnicity* and *Race and Social Problems*.

**Danielle Powell**, Assistant Professor of Hearing and Speech, is an audiologist and epidemiologist, with an interest in understanding how we may better support older adults with hearing loss. Her research interests are at the intersection of epidemiology, audiology and hearing care, gerontology, health systems and health services, and dementia care. This intersection is highly applicable and directly relevant to population study and implementation. Hearing loss is highly prevalent among older adults, with known disparities and challenges in access to hearing services for older adults, especially those with complex care needs such as dementia.

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## Bianchi Fellow Named

**Neerad Anil Deshmukh**, a Student Affiliate in Sociology working with Sangeetha Madhavan, was awarded this year's Suzanne M. Bianchi Summer Research Award for his proposal, "Disasters and SES: Exploring Natural Calamities, Socioeconomic Factors, and Functional Limitations in Older Adults". The paper will be submitted to PAA for next Spring's Annual Meeting. The Bianchi Award commemorates the work of MPRC Founder Dr. Suzanne Bianchi by providing summer funding for a student who plans to present their work at the PAA conference.

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## Faculty and Student News

### Faculty News

This Fall **Mónica Caudillo** will take on the role of Standing Reviewer with Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD), Population Sciences Study Section. She recently published a research note with student collaborators Seungwan Kim, Jaemin Lee, and Jingwen Liu, "Racial-Ethnic Disparities in Dyadic Pregnancy Intentions Preceding Births in the United States." *Population Research and Policy Review* 43(13).

### Student News

**Lindsay Mallick** was awarded the Lee Thornton Dissertation Fellowship, granted to one University of Maryland doctoral candidate each year to support the writing of dissertations that serve the public good. Her dissertation is titled, "The Effects of US Health System Policy and Practices on Racial Disparities in Cesarean Birth and Postpartum Hemorrhage."

### Alumni News

Constanza Hurtado completed her Ph.D. and will be pursuing a postdoctoral position at the Carolina Pop Center (UNC). She will be working with Dr. Krista Perreira on the Hispanic Community Health Study of Latinos (HCHS/SOL) project.

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## Time Use 2025 Call for Papers issued

The biennial time use focused conference at Maryland jumps ahead a year with an event scheduled just prior to the PAA Annual Meeting in Washington DC in April 2025. Plans for the conference include sessions on April 8 and 9, and a workshop on the new Eating and Health module of the IPUMS-ATUS platform. The Time Use conference Call for Papers has been issued, deadline **September 30, 2024**, and the review committee will begin assessing proposals very early in the Fall.

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## Kenya kinship project nears completion

The JAMO project ([jamokenya.org](http://jamokenya.org), R01HD101316) will be completing all data collection this Fall. In preparation, researchers **Madhavan**, **Stoebenau** and **Schueller** spent several weeks in Nairobi during summer 2024 conducting training and meeting with key stakeholders in government and NGOs to discuss ways in which the data can inform policy and interventions.

In addition, the project also fielded two rounds of a mini phone survey to track the mobility of the JAMO respondents and their well-being in the aftermath of devastating flooding that occurred in Kenya in late April 2024 followed by demolition of homes by the government. A number of publications have already come out of the project with an additional set currently under review. Faculty and graduate students interested in using the data should look at the project website and contact Sangeetha Madhavan.



**Madhavan (center), Stoebenau (2nd from right) and Schueller (foreground) with JAMO team in Kenya, Summer 2024**

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## MPRC Scholars at PAA 2024

MPRC Faculty Associates provided robust participation (42 presentations) at the 2024 PAA Annual Conference held in Columbus, Ohio, April 17-20. The program included 18 Faculty Associates who presented 9 papers and 1 poster and who co-authored 17 papers and 10 posters. Oral session topics included "Partner Prospects and the Marriage Promotion Fallacy" (Cohen); "Lifetime Abortion Incidence When Covered by Medicaid: Maryland Versus Five Comparison States" (Jackson); "Sick by Structure: Racial Residential Segregation, Social Networks, and Health Among Black Americans" (Smith); and "Marriage, Kinship, and Maternal Mental Health: New Evidence From Nairobi, Kenya" (Madhavan).

### Researcher Profile

## Sonalde Desai, Professor Emerita, continues seminal India research

**India Human Development Survey, NICHD; National Data Innovation Centre, Gates Foundation; Women's Empowerment Data for Gender Equality, Gates and Hewlett Foundations**

Long-time Faculty Associate and Distinguished Professor of Sociology **Sonalde Desai** has moved into Emerita status and will continue to lead important projects as an MPRC Research Professor.

Notable productivity and impact continues for one of her MPRC signature projects, an active five-year NICHD-PDB award: the India Human Development Survey (IHDS). First awarded in 2003 for Wave 1, Wave 3 project personnel currently are in the field. IHDS ongoing activities include: 1) Fielding of Wave Three; 2) Survey innovation activities in the new National Data Innovation Centre in New Delhi funded by the Bill & Melinda Gates Foundation to a consortium led by MPRC (Desai, PI), with University of Michigan's Survey Center and India's NCAER as partner institutions; and 3) Gender and Women's Empowerment research funded by Gates and Hewlett foundation grants.

Under the IHDS grant, data collection has been completed in 16 Indian states and Union Territories, with data collection ongoing in the remaining states and territories. A total of 46,185 households, about 95% of the anticipated sample, had been interviewed as of June 2024. MPRC anticipates important continuing work with Professor Desai.

## Research Profile

### Maryland EJSCREEN 4.0: Integration of Cumulative Impacts, Structural Racism and Discrimination, and Air Quality to Better Visualize and Assess Environmental Health Disparities

Sacoby Wilson, National Institute of Environmental Health Science R01, \$693,384



Across the state of Maryland, communities of color and low wealth populations are differentially burdened by environmental hazards and the cumulative impacts of chemical and non-chemical stressors and structural factors (including pathogenic infrastructure) that produce environmental health disparities. This phenomenon is known as environmental injustice. To better identify and characterize environmental justice (EJ) communities, the Center for Community Engagement, Environmental Justice, and Health (CEEJH) has worked with its partners to develop Maryland Environmental Justice Screen (MD EJSCREEN), an environmental justice screening and mapping (EJSM) tool. EJSM tools do not adequately account for the differential impacts of climate change on EJ communities. Dr. Wilson's MD EJSCREEN 4.0 proposal aims to close these gaps through the following specific aims: 1) Apply novel monitoring and modeling approaches to assess inequities in exposure to air pollution and health outcomes; 2) utilize advanced statistical analyses and iterative stakeholder engagement (focus groups and interviews) to better characterize and capture drivers of environmental injustice and cumulative impacts within MD EJSCREEN; 3) assess the association between drivers of environmental injustice, cumulative impacts, environmental health disparities through MD EJSCREEN 4.0 and MD EJSCREEN 3.0.

The project is aligned with the NIEHS's strategic plan to advance innovative development of new measures, and validate and adapt existing measures and approaches to address exposome-related factors that contribute to or exacerbate environmental health disparities. Professor Wilson expects that the updated tool will act as a model for other national and state-level EJSM tools.

## 2024 Fall Seminars and Events

A full schedule of seminars and other events is planned for Fall 2024. Seminars will be held primarily in-person with an online option via Zoom. The Fall Seminar Series will open with a presentation on September 9th with Suzanne Bell (right), Associate Professor at Johns Hopkins University. Other visitors include Jeffrey Swindle, College Fellow & Lecturer, Harvard University; Emily Smith-Greenaway, Professor of Sociology and Spatial Sciences, University of Southern California; Susan Godlonton, Associate Professor of Economics, Williams College; Joel

Mittleman, Assistant Professor of Sociology, University of Pennsylvania; Catherine Garcia, Assistant Professor of Human Development and Family Science, Syracuse University; Thomas Dee, Barnett Family Professor in Education, Stanford University; Mia Brantley, Assistant Professor of Sociology, North Carolina State University; Hannah Postel, Assistant Professor of Public Policy, Duke University; Heather Randell, Assistant Professor, Humphrey School of Public Affairs, University of Minnesota; Heather Schofield, Assistant Professor, Cornell University; and Kathleen Beegle, Lead Economist in the Human Development Team of the World Bank's Development Research Group.



Bell

Additionally, Marie Thoma, Associate Professor in the Department of Family Science in the School of Public Health will be presenting from UMD.

The student-organized Journal Club will host two meetings this fall as well.

The complete fall schedule and relevant, detailed information on topics and speakers can be found in the Events section of the MPRC website.

## Recent External Funding

Following are some of the projects recently awarded to MPRC Associates.

### NICHD-PDB

#### Michael S. Rendall

Maryland Population Research Center, NICHD P2C, 9/1/2024-6/30/2029

#### Angel Dunbar

Neural mechanisms of psychological risk on mother and infant adjustment in African American and European American families, NICHD R01 subcontract from Yale, H.Rutherford PI, 7/1/2023-6/30/2028

#### Heide Jackson & Michael S. Rendall

State differences in cumulative lifetime abortion incidence and its socio-demographic associations in the years immediately preceding Dobbs v. Jackson Women's Health Organization, NICHD R03, 9/19/2023-8/31/2025

Evaluating indirect survey question methods on reproductive health behavior, NICHD R21, 9/26/2023-8/31/2025

#### Julia Steinberg

Sociocultural context and mental health around an unintended pregnancy, NICHD R21 9/1/2023-8/31/2025

Sociocultural context and suicide ideation around an unintended pregnancy, American Foundation for Suicide Prevention, expands R21 above

### Sacoby Wilson

Maryland EJSCREEN 4.0: Integration of Cumulative Impacts, Structural Racism and Discrimination, and Air Quality to Better Visualize and Assess Environmental Health Disparities, National Institute of Environmental and Health Science R01, 3/11/2024-12/31/2027

### NIA

#### Dahai Yue

The Impact of Medicare on Individual Longevity: Evidence from Medicare Introduction Using Big Data, NIA R21, 3/1/2023-2/28/2025

### OTHER

#### Rebecca Gourevitch

Improving Health Insurance Design to Reduce Racial / Ethnic Inequities in Maternal Health, Donaghue Foundation, sub from Harvard, A.Sinaiko PI, 7/10/2023-12/31/2024

#### Jing Liu

Can Identifying and Supporting Frequent Teacher Referrers Reduce Racial Disciplinary Disproportionalities? A Planning Study for a Field Experiment, Laura and John Arnold Foundation, 1/1/2024 - 4/30/2025

#### Taylor Oshan

Open Geospatial Science & the Decentralized Geospatial Workshop, Filecoin Foundation for the Decentralized Web, 3/20/2024 - 6/30/2024



UNIVERSITY OF  
MARYLAND

Maryland Population  
Research Center

2105 Morrill Hall  
College Park, Maryland 20742

301-405-6403 tel.

[www.popcenter.umd.edu](http://www.popcenter.umd.edu)