

Workshop on Determinants of Adult Mortality, Morbidity, and Healthy Aging in LMICs

A virtual workshop co-sponsored by the NIA-funded UC Berkeley Center on the Economics and Demography of Aging (CEDA) and the USC/UCLA Center for Biodemography and Population Health (CBPH).

**March 6, 2026
8:20 am - 3:00pm PST**

Please register through the following link to receive the Zoom information for the workshop:
<https://usc.zoom.us/meeting/register/HPGWa4E5T3edcfC-cXbKKA>

8:20am - 8:30am	Welcome and Introductions
	Hiram Beltrán-Sánchez, University of California, Los Angeles (UCLA) William Dow, University of California, Berkeley Eileen Crimmins, University of Southern California
8:30am - 9:50am	Chronic Diseases
8:30am - 8:42am	<i>Outliving and outlasting: explaining sex inequities in healthy life expectancy through the lens of multimorbidity and within morbidities in older populations of India</i> Ajay Kumar, International Institute for Population Sciences (IIPS) (India)
8:45am - 8:57am	<i>A dynamic microsimulation of health outcomes in Mexico's aging population</i> Hanke Heun-Johnson, University of Southern California Coauthors: Tadeja Gracner, Bryan Tysinger
9:00am - 9:12am	<i>Sustained impacts of stress on thyroid function and cardio-metabolic health: 20 years after the 2004 Indian Ocean Tsunami</i> Ralph Lawton, Harvard University Coauthors: Duncan Thomas, Elizabeth Frankenberg, Cecep Sumantri, Teresa Seeman, Eileen Crimmins, Daniel Hochbaum
9:15am - 9:27am	<i>Mortality and Morbidity Differentials among Elderly Brazilians: Evidence from Longitudinal Data</i> Cassio Turra, University of California, Berkeley Coauthors: Juliana Mambrini, Maria Fernanda Lima-Costa
9:30am - 9:50am	<i>Discussion / Q&A</i> Discussant: David Rehkopf Professor, Department of Epidemiology and Population Health Director of the Stanford Center for Population Health Sciences Stanford University

9:50am - 11:10am Environment, Sex and Aging

- 9:50am - 10:02am** *Heat Exposure, Adult Morbidity, and Mortality Risk in Pakistan: Evidence from High-Frequency Temperature Shocks and a Multi-Period Difference-in-Differences Design*
Zubaria Andlib, Lancaster University, Federal Urdu University of Arts, Science and Technology, Parkistan
- 10:05am - 10:17am** *Prenatal Stress Signals, Postnatal Nutritional Hardship, and Midlife Biological Aging: QuasiExperimental Evidence from the 1983–86 Philippine Political–Economic Crisis*
Elijah Watson, Northwestern University
Coauthors: Thomas McDade, Lucia Petito, Michael Kobor, Calen Ryan, Nanette Lee, Delia Carba, Linda Adair, Christopher Kuzawa
- 10:20am - 10:32am** *Inequality’s Toll on the Ovarian Clock: Socio-Demographic Gradients in Early Menopause across South and Southeast Asia*
Md Anwer Hossain, Max Planck Institute for Demographic Research/Univ of St Andrews, UK
Coauthors: D. Susie Lee, Zafer Büyükkececi, Chia Liu, Hill Kulu, Mikko Myrskylä
- 10:35am - 10:47am** *Early menopause and later-life health among women in Latin America: Evidence from aging studies in Brazil, Colombia, and Mexico*
Margarita Osuna, University of Southern California
Coauthor: Jennifer Ailshire
- 10:50am - 11:10am** *Discussion / Q&A*
Discussant: Jennifer Ailshire
Professor of Gerontology
Associate Dean of Research
Associate Dean of International Programs and Global Initiatives
USC Leonard Davis School of Gerontology

11:10am - 11:20am Break

11:20am - 12:40pm Cognitive Aging

- 11:20am - 11:32am** *Childhood roots of aging brain: Evidence from weather shocks in China*
Eléonore Rouault, Centre international de recherche sur l’environnement et le développement (CIRED), France
- 11:35am - 11:47am** *Cross-National Associations Between Cognitive Functioning and Mortality Risk: Evidence from the US, India, and Mexico*
Sangha Jeon, University of Michigan
Coauthors: Zachary Kunicki, Madeleine Snider, Guanyi Yang, Lily Kamalyan, Sarah Prieto, Lia Marshall, Miguel Arce Rentería, Emily Briceño
- 11:50am - 12:02pm** *Cognitive Impairment and Depressive Symptoms are Associated with All-Cause Mortality Among Older Adults - Results from the Longitudinal Study on Ageing and Health in the Philippines (LSAHP)*
Razeena Sahrin, Duke University
Coauthors: Jacqueline Yap Roe Xin, Mark Ryan Paguirigan, Grace T. Cruz, Rahul Malhotra, Yasuhiko Saito, Truls Ostbye
- 12:05pm - 12:17pm** *Long-term impact of a cash transfer intervention on depressive symptoms among older adults in rural South Africa*
Muqi Guo, University of Michigan

Coauthors: Erika T. Beidelman, Maria Klein, Kathleen Kahn, Chodziwadziwa Whiteson Kabudula, Carlos Riumallo Herl, Molly Rosenberg, Lindsay C. Kobayashi

12:20pm - 12:40pm **Discussion / Q&A**

Discussant: Duncan Thomas
Norb F. Schaefer Distinguished Professor of International Studies
Professor of Economics, Global Health and Public Policy
Department of Economics, Duke University

12:40pm - 1:30pm **Lunch Break**

1:30pm - 2:50pm **SES and Behavior**

1:30pm - 1:42pm ***Understanding the impact of lifestyle behaviors on sex difference in adult life expectancy (e35) in India and across states, 2020***

Rufi Shaikh, IIPS/University of Groningen, the Netherlands

1:45pm - 1:57pm ***Association and Mediating Pathways between Intergenerational Educational Trajectories and Depressive Symptoms: Findings from High- and Middle-income Countries***

Yingchao Zeng, University of Macau
Coauthors: Simu Huang, Chihua Li

2:00pm - 2:12pm ***Mortality and life course disadvantages among Mexican immigrants in the United States***

Fernando Riosmena, University of Texas San Antonio
Coauthors: Mao-Mei Liu, David Li, Nicholas Bishop, Hiram Beltran-Sanchez, Rebecca Wong

2:15pm - 2:27pm ***Life-Course Socioeconomic Status and Smoking Cessation Behaviours in Older Adults: Insights from the Mexican Health and Aging Study (MHAS) 2001-2021***

Marina Gonzalez-Samano, McMaster University
Coauthors: Emmanuel Guindon, Laura N Anderson, Andrea Gonzalez, Hector J. Villarreal, Carlos Alberto Gonzalez

2:30pm - 2:50pm **Discussion / Q&A**

Discussant: Emma Nichols
Research Scientist
Center for Economic and Social Research
University of Southern California

2:50pm - 3:00pm **Final Discussion**