

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

A two-day 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).

Day 1: February 23, 2024
8:45 am - 3:45 pm PST

Day 2: March 1, 2024
8:30 am - 3:45 pm PST

Registration is closed for this workshop. You can view select recordings on the Berkeley Population Sciences YouTube channel:

<https://www.youtube.com/@berkeleypopulationssciences1642/playlists>

Day 1 Program February 23, 2024

8:45 am - 9:00 am Welcome and Introductions

William Dow, University of California, Berkeley
Eileen Crimmins, University of Southern California

9:00 am - 10:30 am Cognition

9:00 am - 9:15 am ***Causal Effects of Schooling on Memory at Older Ages in Five Low-and-Middle Income Countries: Nonparametric Evidence and Harmonized Datasets***

Vikesh Amin, Central Michigan University

9:18 am - 9:33 am ***The Impact of Parity on Cognitive Function Using Instrumental Variable Approach: Evidence from the One-Child Policy in China***

Yan Zhang, East Carolina University
Co-Authors: Yang Wang, Chenghao Li

9:36 am - 9:51 am ***Cognitive Decline and Lifecourse Patterns – Evidence from Longitudinal Aging Study in India (LASI)***

Kanika Arora, University of Iowa
Co-Authors: Shubhashrita Basu, Vikas Gawai, Lauren Schmitz

9:54 am - 10:30 am ***Discussion / Q&A***

Discussant: Alden Gross, John Hopkins University

10:30 am - 10:45 am Break

10:45 am - 12:00 pm Factors Affecting Mortality and Morbidity I

- 10:45 am - 10:57 am** *Rural-Urban differences in life expectancy and health at age 50 in Mexico. Results from the Mexican Health and Aging Study 2001-2018*
Daniel Zazueta, Netherlands Interdisciplinary Demographic Institute KNAW/University of Groningen
Co-Authors: Rebeca Wong, Neil Mehta
- 11:00 am - 11:12 am** *Gender Differences in Living Arrangements and Mortality Among Brazilian Older Adults*
Flavia Andrade, University of Illinois at Urbana-Champaign
Co-Authors: Daniella Pires Nunes, Nekehia Tamara Quashie, Yeda Aparecida de Oliveira Duarte
- 11:15 am - 11:27 am** *The unintended effects of a large minimum wage increase on health: Evidence from South Korea*
Jung Hyun Kim, University of Luxembourg
Co-Authors: Marc Suhrcke, Anja K. Leist
- 11:30 am - 12:00 pm** *Discussion / Q&A*
Discussant: Susan Wendy Parker, University of Maryland

12:00 pm - 12:45 pm Lunch

12:45 pm - 2:00 pm Factors Affecting Mortality and Morbidity II

- 12:45 pm - 12:57 pm** *Urban-rural disability disparities among older adults in middle-income countries*
Shane Burns, University of Michigan
Co-Author: Joseph L. Saenz
- 1:00 pm - 1:12 pm** *Potential Implications of the 2011-2012 Drought in Mexico on Older Adult Health*
Joseph Saenz, Arizona State University
Co-Authors: Emma Aguila, Laura Tanner, Brian Downer, Jorge Peniche, Rebeca Wong
- 1:15 pm - 1:27 pm** *Household Dynamics and Social Support for Aging Healthy with HIV: Findings from a Rural South African Setting*
Shao-Tzu Yu, The Australian National University
Co-Authors: Brian Houle, F. Xavier Gómez-Olivé, Chodziwadziwa W Kabudula, Till Bärnighausen, Nicole Angotti, American University
- 1:30 pm - 2:00 pm** *Discussion / Q&A*
Discussant: Jennifer Ailshire, University of Southern California

2:00 pm - 2:15 pm Break

2:15 pm - 3:30 pm Measurement: Biomarkers and Mortality

- 2:15 pm - 2:27 pm** *Seasonal variations of biomarkers in the tropics. The CRELES panel of elderly Costa Ricans 2006-2009*
Luis Rosero, University of Costa Rica
Co-Author: William Dow

2:30 pm - 2:42 pm *Diabetes and Hypertension in Older Adults: Cross-national comparison of prevalence in low-and-middle income countries using reported and measured data*
Margarita Osuna, University of Southern California
Co-Authors: Qiao Wu, Jung Ki Kim, Jennifer Ailshire

2:45 pm - 2:57 pm *Death by network: Novel approaches to data collection for estimating adult death rates*
Dennis Feehan, University of California, Berkeley
Co-Authors: Payal Hathi, Mamun Al Basher, Moinuddin Haider, Nurul Alam

3:00 pm - 3:30 pm *Discussion / Q&A*
Discussant: Jinkook Lee, University of Southern California

3:30 pm - 3:45 pm **Wrap-up**

Day 2 Program **March 1, 2024**

8:30 am - 8:45 am **Welcome and Introductions**

William Dow, University of California, Berkeley
Eileen Crimmins, University of Southern California

8:45 am - 10:15 am **Mortality and Morbidity**

8:45 am - 8:57 am *Maternal mortality disparities in India*
Sangita Vyas, CUNY Hunter College
Co-Authors: Payal Hathi, Aashish Gupta

9:00 am - 9:12 am *Household Social Capital and Adult Mortality in India: Does Caste Make a Difference?*
Zhiyong Lin, The University of Texas at San Antonio

9:15 am - 9:27 am *Air pollution and mortality in India: associations and implications for research on the effects of air pollution on older adults*
Emma Nichols, University of Southern California
Co-Authors: Hunter Green, Jinkook Lee

9:30 am - 9:42 am *Does Prolong Urban Exposure Associate with Elevated Obesity among Rural-to-Urban Migrants in India? Insights from the Longitudinal Aging Study in India*
Bittu Mandal, Indian Institute of Technology Indore

9:45 am - 10:15 am *Discussion / Q&A*
Discussant: Ayesha Mahmud, University of California, Berkeley

10:15 am - 10:30 am **Break**

10:30 am - 12:00 pm **Trends and Differences in Mortality and Morbidity**

10:30 am - 10:42 am *Divergent Mortality Inequality Trends Across Developed and LMICs: An Extended*

View of the Fundamental Cause Theory

Hangqing Ruan, University at Buffalo, SUNY; Maryland Population Research Center,
University of Maryland, College Park

10:45 am - 10:57 am *Historical Change in Midlife Memory and Grip Strength: Comparison Across the United States, Europe, Mexico, South Korea, and China*

Frank Infurna, Arizona State University

Co-Authors: Yesenia Cruz-Carrillo, Nutifafa E. Y. Dey, Tita Gonzalez Avilés, Kevin J. Grimm, Margie E. Lachman, Denis Gerstorf

11:00 am - 11:12 am *Historical Change in the Health and Well-Being of Ghanaian Middle-Aged and Older Adults*

Nutifafa Dey, Arizona State University

Co-Author: Frank J. Infurna

11:15 am - 11:27 am *Incidence and mortality of frailty in elderly adults Latin America and China, evidence from 10/66 cohort studies*

Juan Llibre, Medical University of Havana, Havana, Cuba

Co-Authors: M Jiang, AL Sosa, D Acosta, IZ Jimenez Velazquez, M Guerra, A Salas, YQ Huang, E Albanese, JJ Llibre Guerra, M Prince

11:30 am - 12:00 pm *Discussion / Q&A*

Discussant: Hiram Beltran-Sanchez, University of California, Los Angeles

12:00 pm - 12:45 pm Break

12:45 pm - 2:00 pm Interventions Affecting Health I

12:45 pm - 12:57 pm *The Importance of Preventative Screening Visits for Chronic Disease Management*

Paul Gertler, University of California, Berkeley

Co-Authors: Claire Boone, Pablo Celhay, Tadeja Gracner

1:00 pm - 1:12 pm *Cost-Sharing in Medical Care Can Increase Adult Mortality: Evidence from Colombia*

Grant Miller, Stanford University

Co-Authors: Giancarlo Buitrago, Javier Amaya, Marcos Vera-Hernández

1:15 pm - 1:27 pm *The Impact of Multiple Chronic Conditions on Labor Force Participation among Middle-Aged and Older Migrant Workers in China*

Zhang Zhang, Carolina Population Center, The University of North Carolina at Chapel Hill

Co-Authors: Qing Gong, Bo Hu, Sean Y. Sylvia

1:30 pm - 2:00 pm *Discussion / Q&A*

Discussant: Jere Behrman, University of Pennsylvania

2:00 pm - 2:15 pm Break

2:15 pm - 3:30 pm Interventions Affecting Health II

2:15 pm - 2:27 pm *More to Live for: Health Investment Responses to Expected Retirement Wealth in Chile*

Nieves Valdés, Escuela de Negocios, Universidad Adolfo Ibáñez.

Co-Authors: Grant Miller, Marcos Vera-Hernandez

2:30 pm - 2:42 pm ***Can Institutional Factors Affect Intergenerational Family Transfers?***

Mayra Saenz, University of Illinois at Urbana

2:45 pm - 2:47 pm ***Mortality Risk Information and Health Seeking Behavior During an Epidemic***

Helene Purcell, University of Pennsylvania

Co-Authors: Iliana V. Kohler, Alberto Ciancio, James Mwera, Adeline Delavande,
Victor Mwapasa, Hans-Peter Kohler

3:00 pm - 3:30 pm ***Discussion / Q&A***

Discussant: Michael Walker, University of California, Berkeley

3:30 pm - 3:45 pm **Wrap-up**