

NATIONAL ACADEMIES

Sciences
Engineering
Medicine

COMMITTEE ON POPULATION

Workshop on Developing an Agenda for Population Aging and Social Research in Low- and Middle-Income Countries (LMICs) September 7–8, 2023

Workshop Goals: to identify the most promising directions for behavioral and social research and data infrastructure investments for studying life course health, aging, and Alzheimer's Disease and Alzheimer's Disease-Related Dementias in low- and middle-income countries (LMICs).

Agenda

DAY 1: Thursday, September 7, 2023, 9:30am–3:30pm ET

All sessions open to the public

National Academy of Sciences Building, Room 120 and webcast

9:30am–10:00am ET Welcome and introductory remarks from the planning committee and National Institute on Aging

Rebeca Wong (University of Texas Medical Branch at Galveston, workshop planning committee chair)

Amy Kelley (National Institute on Aging), *virtual participant*

Lis Nielsen (National Institute on Aging), *virtual participant*

Minki Chatterji (National Institute on Aging)

10:00am–10:20am Keynote/setting the stage

Lisa Berkman (Harvard University)

10:20am–11:40am Session 1: How inequality (income, wealth, access to opportunities or resources) affects health and well-being of older populations in LMICs

Presenters: **Jaqueline Contrera-Avila** (UMass Boston)

Nikkil Sudharsanan (Technical University of Munich)

Discussant: **Will Dow** (UC Berkeley), *virtual participant*

Moderator: **Yaohui Zhao** (Peking University; workshop planning committee member)

Guiding Questions:

- How does income inequality affect health and well-being of older populations in LMICs in the context of changing and evolving economies?
- How are changes in the nature of work influencing disability, dementia, and mortality?
- Are there trends, are they actionable?

11:40am–12:35pm Lunch Break

12:35pm–1:55pm Session 2: Identify new conceptual, theoretical, methodological, and/or data investments that are needed to move from purely descriptive cross-national analyses to more causal analyses that create a better understanding of how inequality, environmental exposures, and changing family structures impact health and well-being at older ages in LMICs.

Presenters: **Hiram Beltrán-Sánchez** (UCLA)

Sam Clark (Ohio State)

Discussant: **Hans Peter Kohler** (University of Pennsylvania)

Moderator: **Ayaga Bawah** (University of Ghana, workshop planning committee member)

Guiding Question:

- What methods should we consider/promote for causal analyses using cross-national data?

1:55pm–2:10pm Break

2:10pm–3:30pm Session 3: Describe how research in LMICs can create a (1) better understanding of how different social environments and public policies influence health outcomes related to aging; and (2) provide lessons that can be used in other settings, including the United States.

Presenters: **Collin Payne** (Australia National University)

David Canning (Harvard University)

Discussant: **Lindsay Kobayashi** (University of Michigan)

Moderator: **Rebeca Wong** (University of Texas Medical Branch at Galveston, workshop planning committee chair)

Guiding Questions:

- What types of policy interventions, such as those related to pensions, long-term care, formal and informal care, influence health and the well-being of older populations in LMICs?
- What types of lessons does this provide for other countries, including the US?

3:30pm ET Adjournment

DAY 2: Friday, September 8, 2023, 9:00am–3:30pm ET

All sessions open to the public

National Academy of Sciences Building, Room 120 and webcast

9:00am–9:15am ET Welcome, brief recap of Day 1

9:15am–10:35am Session 4: How family changes affect the health and well-being of older populations in LMICs.

Presenters: **Pablo Ibarrarán** (Inter-Development Bank), *virtual participant*

Feinian Chen (Johns Hopkins University)

Discussant: **Carmen García Peña** (Instituto Nacional de Geriatria, Mexico), *virtual participant*

Moderator: **Emily Agree** (Johns Hopkins University, workshop planning committee member)

Guiding Questions:

- How do changes in household composition, family size, and time to marriage affect health and well-being of older populations in LMICs?

10:35am–10:50am Break

10:50am–12:10pm Session 5: Identify data (e.g., early-life prospective data or retrospective data from current older cohorts; data linkages, or leverage existing cohorts established for other non-aging purposes) that may be of interest for examining life-course trajectories of development and aging in LMICs.

Presenters: **Amparo Palacios-Lopez** (World Bank), *virtual participant*
 Anthony Ngugi (The Aga Khan University)

Discussant: **Andrew Steptoe** (University College London), *virtual participant*

Moderator: **David Weir** (University of Michigan, planning committee member)

Guiding Questions:

- What administrative linkages should we consider to enhance the utility of existing data?
- How can we continue to foster data sharing and deal with data sharing issues?
- What existing cohort studies might be used as samples for longitudinal studies of aging?

- What administrative linkages are available to enhance existing data or complement new studies?
- What sampling frames (including administrative data as well as censuses, etc.) are available to lower the cost of finding potential participants?
- What data sharing challenges do we face and what solutions are available?

12:10pm–1:00pm Lunch Break

1:00pm–2:20pm	Session 6: How environmental exposure affects health and well-being of older populations in LMICs
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Presenters: **Sara Adar** (University of Michigan)
Elizabeth Frankenberg (University of North Carolina),
virtual participant

Discussant: **Jennifer Ailshire** (University of Southern California)

Moderator: **Mary Ganguli** (University of Pittsburgh, workshop planning committee member)

Guiding Questions:

- What are the mechanisms through which exposures operate?
- What adaptation and mitigation strategies have been or need to be developed to reduce the harmful effects of environmental exposure?
- To what extent are the impacts of exposure on health outcomes specific to LMICs, given their country-specific contexts?

2:20pm–2:35pm Break

2:35–3:30pm Roundtable discussion and Q&A

Members of the planning committee, representatives from NIA, and workshop attendees will discuss key takeaways.

Moderator: **Rebeca Wong** (University of Texas Medical Branch at Galveston, workshop planning committee chair)

3:30pm ET Adjournment

WORKSHOP PLANNING COMMITTEE: Rebeca Wong (Chair), University of Texas Medical Branch at Galveston; Emily Agree, Johns Hopkins University; Ayaga Bawah, University of Ghana; Mary Ganguli, University of Pittsburgh; David Weir, University of Michigan; Yaohui Zhao, Peking University