**Workshop Title**

Using harmonized life history data from the Gateway to Global Aging Data (g2aging.org)

**Workshop Length**

Half Day

**Background:** This workshop will introduce the Gateway to Global Aging Data platform (www.g2aging.org), a data and information platform to facilitate studying the international family of Health & Retirement Studies around the world (incl. Studies from America, Europe, and Asia). The Gateway includes online tools to explore and find comparable measures across surveys, and access to Harmonized Datasets and Codebooks. As an example, the workshop will use new harmonized life history data based on ELSA and SHARE, providing remarkable opportunities for comparing life course across Europe, including fertility, partnership, accommodation, employment, and health histories. This workshop aims to:

1. Give a general overview of the platform, its features and available data from studies on ageing around the world
2. Provide practical skills on how to access and use Harmonized Datasets with a focus on harmonized life history data from ELSA and SHARE
3. Provide some hands-on examples of analysing life history data, focusing on describing and visualizing sequences of life history data based on sequence analysis with Stata.

**Methods:** The workshop will be taught by researchers who are responsible for harmonization of the life history data of the Gateway and have experience in cross-country and longitudinal data analyses using data from the Gateway. The workshop will start with general presentations introducing the Gateway, followed by practical activities to access data and examples of data analyses based on Stata. The workshop will be held over one half day before the main SLLS conference.

**Expected results:** The participants in the workshop will learn how to use available resources from the Gateway to find and access data from the Gateway, and to conduct some first analyses based on harmonized life history data.

**Prerequisites:** Participants should have first experience in using Stata for data analyses and bring their own Laptop for running the practical.
Harmonized Life History Data

An increasing number of HRS Family Surveys are conducting retrospective life history interviews, in which participants provide retrospective information about their lives before entering the study, including detailed information of histories for five key domains. Life history data provides remarkable opportunities for studying previous life courses and examining their impact on later life. To facilitate the use of life history data, we have developed internationally comparable versions of the five histories and released them in a user-friendly sequence data format with annual information for each year of age from age 15 to age 80. This format directly allows users to describe life circumstances at a specific age and is the standard format for an in-depth study of histories based on sequence analysis. Users can download Harmonized Life History files by following the links from the Gateway (www.g2aging.org) or by downloading a single Stata program from the Gateway which will generate the Harmonized Life History dataset from the study’s data files.

Harmonized Life History Data provide annual information from age 15 to age 80 in the following five domains:

- **Work**: whether in paid work or not working - distinguishing eight different work states
- **Partnership**: whether respondent lived with a partner
- **Children**: total number of children, number of children below age 18
- **Health**: whether had period of ill health or disability at each age
- **Housing**: type of housing (owner, tenant, non-private housing, living abroad, parental home)
The Gateway to Global Aging Data, sponsored by the National Institute on Aging, facilitates cross-national comparative studies on aging using the entire family of Health and Retirement Surveys around the world.

The features include:

- **HRS Family Surveys**: view all survey questionnaires, see flowcharts illustrating survey logic and skip patterns, find relevant survey items using a keyword search or by selecting common research topics
- **Cross-study Concordance**: identify comparable measures across different surveys or across waves within a survey
- **Documentation**: read our working paper series detailing cross-country comparability for many research domains.
- **Interactive Graphs and Tables**: produce informative graphs and detailed tables of key harmonized measures across countries without downloading the micro data
- **Publications**: search publications based on the family of HRS surveys around the world
- **Downloads**: locate and download survey micro data, Harmonized data, Harmonized codebooks, and Stata programs

Harmonized Life History files:

- are released as a single data file per study
- are sequenced by age
- include all respondents with a completed Life History Interview
- are created with variables as comparable as possible between all HRS Family Surveys
- are easily merged with study’s core Harmonized dataset

Core Harmonized Data files for cross-country analysis:

- RAND HRS & Harmonized HRS (United States)
- Harmonized MHAS (Mexico)
- Harmonized ELSA (England)
- Harmonized SHARE (20+ European countries & Israel)
- Harmonized CRELES (Costa Rica)
- Harmonized KLoSA (South Korea)
- Harmonized JSTAR (Japan)
- Harmonized TILDA (Ireland)
- Harmonized CHARLS (China)
- Harmonized LASI (India)

For more information please visit us at www.g2aging.org or send an email to help@g2aging.org.

This project is funded by the National Institute of Aging (R01 AG030153, RC2 AG036619, and R03 AG043052).