

Pre-PAA Conference

Sequence Analysis Association

April 2025

WEDNESDAY, APRIL 9

9:30 AM ● **Welcome Remarks**
Tim Liao, University of Illinois Urbana-Champaign

9:45 AM ● **Applications I**
Chair: Ariel Azar, Purdue University
Reassessing the Gendered Link Between Maternal Employment and Adult Children's Labor Market Outcomes: A Trajectory-based Approach
Presenter: Xueqian (Chelsea) Chen, Ohio State University
Sorting or Exiting? How computer science careers diverge by gender in the U.S. and India
Presenter: Yuqi Liang, University of Oxford
Examining the Role of Employment Histories in HS-GED Disparities in Midlife Functional Limitations: Evidence from NLSY79 Cohorts
Presenter: Wenxuan Huang, Johns Hopkins University

10:45 AM ● **Break**

11:00 AM ● **Methodology**
Chair: Carla Rowold, Max Planck Institute for Demographic Research
Typologies of Life Trajectories and Their Implications over the Life Course: An Application of Transformer-based Embedding
Presenter: Zerui Tian, University of Oxford
Typologies in Sequence Analysis: Practical Guidelines for Identifying Robust Cluster Solutions
Presenter: Stefan Bastholm Andrade, Danish Center for Social Science Research
Beyond traditional hidden Markov models: Developing seqHMM for more flexible sequence data modelling
Presenter: Satu Helske, University of Turku

12:00 PM ● **Lunch Break**

1:20 PM ● **Applications II**
Chair: Aleksis Karhula, University of Turku
Trajectories of Fertility Intentions and Realizations: A Longitudinal Perspective from Australia
Presenter: Martin Gädecke, University of Oxford
Temporal Dynamics of Household Arrangement in Later Life: Exploring Racial, Gender, and Class Differences
Presenter: Huimin Zhang, University of Florida
Children's Family Complexity and Educational Outcomes: A Fixed-Effects Analysis of Multi-Dimensional Sequence-Based Measures
Presenter: Carla Rowold, Max Planck Institute for Demographic Research
Sequences and Drivers of Internal Migration in Indonesia, 1993-2015
Presenter: Xinghe Pan, University of California, Berkeley
Stay Connected and Regulated? Social Sequences of Everyday Activities and Health During the Global Pandemic
Presenter: Tianyao Qu, Indiana University

3:00 PM ● **Coffee Break**

3:30 PM ● **Applications III**
Chair: Satu Helski, University of Turku
Divorce as a Turning Point: Trajectory Stratification in Employment, Remarriage, and Welfare Receipt Among Women in the U.S. Welfare State
Presenter: Nanum Jeon, University of California, Los Angeles
Mapping Academic Pathways: The Influence of Longitudinal Engagement Patterns on Academic Performance
Presenter: Jiayu Zheng, Johns Hopkins University
Turbulent yet Desirable Pathways of Vocational School Graduates
Presenter: Natalia Ya. Rozenfeld, National Research University Higher School of Economics
Coming of Age in Senegal: Young Adults' Narratives of Delayed Family Formation
Presenter: Luca Maria Pesando, New York University Abu Dhabi

4:50 PM ● **Closing Remarks**
Tim Liao, University of Illinois Urbana-Champaign

The Mint Room
Marriott Marquis Washington DC