

EUGENIO PAGLINO

Helsinki, Finland | eugeniopaglino@gmail.com | [LinkedIn](#) | [GitHub](#) | [Google Scholar](#) | [Bluesky](#)

EDUCATION

2024	Ph.D. Demography and Sociology, University of Pennsylvania Dissertation: <i>The Demography of Shocks: Migration and Mortality under the Influence of Environmental and Epidemiological Shocks</i> Committee: Irma T. Elo (chair), Samuel Preston, Michel Guillot Affiliated to the <i>International Max Planck Research School for Population, Health and Data Science (IMPRS-PHDS)</i> , Max Planck Institute for Demographic Research .
2023	M.A. Statistics and Data Science, The Wharton School, University of Pennsylvania
2019	M.Sc. Economics and Social Sciences, Bocconi University
2017	B.Sc. Economics and Social Sciences, Bocconi University

RESEARCH INTERESTS

Migration and Health, Health Inequalities, Mortality, Climate Change and Population Dynamics, Statistical and Bayesian Demography

PEER-REVIEWED PUBLICATIONS

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- | | |
|------|---|
| 2026 | Paglino E. The groupwise decomposition: Estimating group-specific contributions to differences between demographic measures. <i>Demographic Research</i> .
https://doi.org/10.4054/DemRes.2026.54.14

Kiang MV, Li ZR, Wrigley-Field E, Raquib RV, Lundberg DJ, Paglino E , Huynh B, Bibbins-Domingo, K, Glymour MM, and Stokes AC. Applying machine learning to identify unrecognized COVID-19 deaths recorded as other causes of death in the United States. <i>Science Advances</i> .
https://doi.org/10.1126/sciadv.aef5697

Monteiro da Silva JH, Paglino E , Borges G, Nepomuceno MR. The Emergence of an Urban Mortality Advantage in Brazil: An Assessment of Age and Causes-of-Death Contributions to the Urban-Rural Mortality Gap. <i>Journal of Urban Health</i> . Forthcoming. |
| 2025 | Paglino E , Raquib RV, Stokes AC. Excess Deaths Attributable to the Los Angeles Wildfires From January 5 to February 1. <i>JAMA</i> . https://doi.org/10.1001/jama.2025.10556
Paglino E , Wrigley-Field E, Stokes AC. Diverging mortality trends by educational attainment in the US. <i>JAMA Health Forum</i> . https://doi.org/10.1001/jamahealthforum.2025.1647
Paglino E ; Elo IT; Preston SH; Lundberg DJ; Hempstead K, and Stokes AC. Evolution of the United States Nonmetropolitan Mortality Disadvantage by Sex, State, and Year, 1999 to 2019. <i>Journal of Rural Health</i> . https://doi.org/10.1111/jrh.70040
Paglino E , Elo IT, and Martikainen, P. Internal migration, health selection, and the salmon bias: A register-based study of Finland. <i>Social Science & Medicine</i> .
https://doi.org/10.1016/j.socscimed.2025.118200
Paglino E , and Elo IT. US-born and foreign-born life expectancy by race and Hispanic origin before and during the COVID-19 pandemic in the United States. <i>Social Science & Medicine</i> .
https://doi.org/10.1016/j.socscimed.2025.118191 |
| 2024 | Paglino E. Estimating excess migration associated with tropical storms in the USA 1990–2010. <i>Population and Environment</i> . https://doi.org/10.1007/s11111-024-00452-9
Paglino E , and Stokes AC. Excess mortality as a tool to monitor the evolution of health emergencies: choices, challenges, and future directions. <i>American Journal of Public Health</i> .
https://doi.org/10.2105/AJPH.2024.307661
Paglino E ; Lundberg DJ; Wrigley-Field E; Zhou Z; Wasserman JA; Raquib R; Chen Y-H; Hempstead K; Preston SH; Elo IT, Glymour MM, and Stokes AC. Excess natural-cause mortality in US counties and its association with reported COVID-19 deaths. <i>Proceedings of the National Academy of Sciences</i> . https://doi.org/10.1073/pnas.2313661121
Paglino E , and Elo IT. Immigrant mortality advantage in the United States during the first year of the COVID-19 pandemic, <i>Demographic Research</i> . https://doi.org/10.4054/DemRes.2024.50.7 |

- 2023 **Paglino E**; Lundberg DJ; Zhou Z; Wasserman JA; Raquib R; Luck AN; Hempstead K; Bor J; Preston SH; Elo IT, and Stokes AC. Monthly excess mortality across counties in the United States during the COVID-19 pandemic, March 2020 to February 2022. **Science Advances**. <https://doi.org/10.1126/sciadv.adf9742>
- Lundberg DJ; Wrigley-Field E; Cho A; Raquib R; Nsoesie EO; **Paglino E**; Chen R; Kiang MV; Riley AR; Chen Y; Charpignon M; Hempstead K; Preston SH; Elo IT; Glymour MM, and Stokes AC. COVID-19 mortality by race and ethnicity in US metropolitan and nonmetropolitan areas, March 2020 to February 2022. **JAMA Network Open**. DOI: <https://doi.org/10.1001/jamanetworkopen.2023.11098>
- Luck AN; Elo IT; Preston SH; **Paglino E**; Hempstead K, and Stokes AC. COVID-19 and all-cause mortality by race, ethnicity, and age across five periods of the pandemic in the United States. **Population Research and Policy Review**. <https://doi.org/10.1007/s11113-023-09817-8>
- Luck AN; Stokes AC; Hempstead K; **Paglino E**; and Preston SH. Associations between mortality from COVID-19 and other causes: a state-level analysis. **PLoS One**. <https://doi.org/10.1371/journal.pone.0281683>
- Toffolutti V; **Paglino E**; Kentikelenis A; Mencarini L; and Aassve A. "Does bribery increase maternal mortality? Evidence from 135 Sub-Saharan African regions." **PLOS Global Public Health**. <https://doi.org/10.1371/journal.pgph.0000847>
- 2020 **Paglino E**, and Emery T. "Evaluating interviewer manipulation in the new round of the generations and gender survey." **Demographic Research**. <https://doi.org/10.4054/DemRes.2020.43.50>

SELECTED WORK IN PROGRESS

- Paglino E**, Tarkiainen L, Lyytinen M, and Martikainen P. Beyond the Paradox: Unpacking Immigrant Health, Migration, and Mortality in a Nordic Welfare State. **Under review**.
- Paglino E**, Loi S, and Martikainen P. Longer and Healthier Lives: Health and Mortality Trajectories of International Immigrants and Native-Born Residents in Finland.
- Paglino E**, Luck AN, Martikainen P, and Elo IT. Education, Mortality, and the Selection Effect: Decomposing Regional and Metropolitan Life Expectancy Trends in the United States, 2008–2022.
- Antunes Lopes JV, **Paglino E**, Camarda CG, Bonnet F. Exploring the Contribution of Educational Expansion to Changes in Life Expectancy in the United States, 2010-2018
- Paglino E**. M-effects and P-effects Decompositions in the Presence of Composition-Mortality Dependence.
- Paglino E**, Mehta NK, and Elo IT. The Foreign-Born Population and State-Level Life Expectancy over the Last Thirty Years.
- Paglino E**, Stokes AC, Dowd JB, Chang VW, Raquib R, and Mehta NK. Rising Obesity and the Stagnation of U.S. Life Expectancy, 1988-2019. **Under review**.

OTHER PUBLICATIONS

- 2025 **Paglino E**, and Stokes AC. Long-Term Impacts of Exposure to the COVID-19 Pandemic in a Cohort Perspective. [Research report](#) for the Society of Actuaries Mortality and Longevity Strategic Research Program.
- 2024 **Paglino E**, Raquib RV, Wrigley-Field E, and Stokes AC. Cause-Specific Excess Mortality During the COVID-19 Pandemic. [Research report](#) for the Society of Actuaries Mortality and Longevity Strategic Research Program.

GRANTS, AWARDS, AND FELLOWSHIPS

- 2026 Leveraging Nordic Register Data to Uncover the Impact of International Migration on Health and Mortality Trends in Finland and other Nordic Countries. Sponsor: Finnish Cultural Foundation. Funding €36,000. Role: Principal Investigator.
- 2025 Quantifying the Population-Level Impact of GLP-1 Receptor Agonists on Mortality. Sponsor: The Society of Actuaries. Funding: \$50,000.00. Role: Co-Investigator.
- 2024 Mortality and Morbidity Impact of COVID-19 Beyond the Acute Pandemic Phase-Lessons for Future Pandemics. Sponsor: The Society of Actuaries. Funding: \$50,000.00. Role: Co-Investigator.
- Visiting Doctoral Student Fellowship, Institut National d'Études Démographiques (INED). Funding: €5,000.

SELECTED CONFERENCE PRESENTATIONS (* = Presenter)

- 2025 **Paglino E***, Tarkiainen L, Lyytinen M, and Martikainen P. Beyond the Paradox: Unpacking Immigrant Health, Migration, and Mortality Trajectories in a Nordic Welfare State. SLLS, Fribourg.
- Paglino E***. Small-Area Estimation with High Quality Mortality Data: A Case Study of Finnish Municipalities. PAA, Washington DC.
- Paglino E***. Elo IT, Luck AN., Mortality Differentials by Metropolitan Status and Census Region: Examining the Contribution of Educational Composition. PAA, Washington DC.
- 2024 **Paglino E***. How Hot Is Too Hot and How Cold Is Too Cold? Estimating County-Level Relationships between Temperature and Mortality in California Counties. EPC, Edinburgh.
- Paglino E*** and Elo IT. Immigrant Mortality and the US Life-Expectancy before and during the COVID-19 Pandemic. PAA, Columbus.
- 2023 **Paglino, E*** and Elo IT. Trends in the Immigrant Mortality Advantage during the First Year of the COVID 19 Pandemic. PAA, New Orleans.
- Paglino E***. Where Do People Go After the Storm? An Analysis of Migration Following Tropical Storms in the United States between 1990 and 2010. PAA, New Orleans, 2023.

INVITED TALKS

- 2026 *M-effects and P-effects Decompositions In the Presence of Composition-Mortality Dependence*. Max Planck Institute for Demographic Research.
- 2025 *Environmental Determinants of Health and Mortality*. University of Pennsylvania
- 2024 *The Impact of Climate Change on Population Health*. University of Pennsylvania
- 2023 *The Impact of COVID-19 on the Mortality of the Foreign-Born Population in the United States*. Max Planck Institute for Demographic Research.
- The Excess Framework in Mortality and Migration Research. A Unifying Framework to Investigate the Impact of Sudden Shocks*. Max Planck Institute for Demographic Research.
- How Hot is too Hot and How Cold is too Cold? Estimating County-Level Relationships between Temperature and Mortality in California Counties*. Max Planck Institute for Demographic Research.

PROFESSIONAL SERVICE

Organizer, PAA 2025.

Reviewer for *Demography*, *Journal of Health and Social Behavior*, *Social Science & Medicine*, *Population and Environment*, *Population Studies*, *JAMA Network Open*, *Nature Communications*, *Annals of Epidemiology*, *European Journal of Epidemiology*, *European Journal of Public Health*, *Demographic Research*.

PROFESSIONAL AND RESEARCH EXPERIENCE

University of Helsinki – Helsinki, Finland

Postdoctoral Researcher

2024 - Present

Independent Research Consulting – Helsinki, Finland

Statistical Consultant, Data Scientist

2024 – Present

- National Institute on Ageing (NIA) grant at the University of Texas Medical Branch (PI: Neil Mehta)
- Multiple research grants at Boston University (PI: Andrew Stokes)

SwissRe and Boston University – Zurich, Switzerland

Consultant, Data Scientist (external)

2023 – 2024

Population Studies Center, University of Pennsylvania – Philadelphia, USA

Researcher, Data Scientist

2021 – 2024

Institute National d'Études Démographiques – Paris, France

Visiting PhD Student

2024

Max Planck Institute for Demographic Research – Rostock, Germany

Affiliated PhD Student, International Max Planck Research School

2021 – 2024

Bocconi University – Milan, Italy

Research Assistant

2019 – 2020

TEACHING EXPERIENCE

University of Helsinki

Instructor

Spring 2026

- SOST 930 Introduction to Multi-Level Modelling for the Social Sciences graduate course

Instructor

Fall 2025

- SOSK 510 Population Health and Health Inequalities undergraduate/graduate course
- COS-D431 Family and Inequality undergraduate/graduate course

University of Pennsylvania

Guest Instructor

2024 - 2025

- SOCI 2220 Health of Populations graduate course
- SOCI 6210 Current Issues in Health and Mortality

Summer Institute in Computational Social Sciences – University of Pennsylvania

Teaching Assistant

Summer 2023 and Summer 2022

Department of Sociology – University of Pennsylvania

Statistical Consultant and Workshop Instructor

Fall 2021 - Spring 2023

SUPERVISION

Adriana Scanteianu, PhD Student, University of Pennsylvania (member of dissertation committee)

João Victor Antunes Lopes, PhD Student, University of Pennsylvania (secondary advisor)

SELECTED MEDIA COVERAGE

Research covered by [The New York Times](#), [The Washington Post](#), [The Guardian](#), [The Hill](#), [Scientific American](#), news stories by the [CNN](#) and the [BBC](#).

REFERENCES

Irma T. Elo, Tamsen and Michael Brown Presidential Professor of Sociology, University of Pennsylvania

Email: popelo@pop.upenn.edu

Michel Guillot, Professor of Sociology, University of Pennsylvania

Email: miguillo@sas.upenn.edu

Samuel Preston, Professor of Sociology, University of Pennsylvania

Email: spreston@sas.upenn.edu

Andrew C. Stokes, Associate Professor, Department of Global Health, Boston University School of Public Health.

Email: acstokes@bu.edu