SARA R. RONNKVIST

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EDUCATION

Ph.D. in Sociology Expected May 2026
University of Wisconsin - Madison
Post-disaster Migration in the US

M.S. in Sociology 2023
University of Wisconsin - Madison
Previous Hurricane Exposure and Migration in the US Gulf Coast Region

B.S. in Statistics 2020
Iowa State University
Minor in Sociology
Magna Cum Laude
Honors Program

JOURNAL PUBLICATIONS

Ronnkvist, S.R., Haskell-Craig, Z., Robinson, A., Conte Keivabu, R., Hauer, M.E., Bovienzo, D., & Zagheni, E. (2025) What's the TEE: Metrics of Temperature Extremes in Europe NUTS Regions (1980-2024). *Scientific Data.* https://doi.org/10.1038/s41597-025-05352-7

Ronnkvist, S.R., Thiede, B.C., Barber, E. (2023). Child Fostering in a Changing Climate: Evidence from Sub-Saharan Africa. *Population and Environment,* 45(29). https://doi.org/10.1007/s11111-023-00435-2

- 2023 IPUMS Research Award for best IPUMS Global Health data paper led by a graduate student
- General audience summary for the New Security Beat

Thiede, B. C., **Ronnkvist, S**., Armao, A., & Burka, K. (2022). Climate anomalies and birth rates in sub-Saharan Africa. *Climatic Change*, *171*(1), 1-20. https://doi.org/10.1007/s10584-021-03273-z

BOOK CHAPTERS

Ronnkvist, S.R., Peters, S.A., Curtis, K.J. (equal authorship) Forces, Patterns, and Consequences of Rural Migration. In . Tickmayer, A. Sachs, C. (Eds.), *Research Handbook of Rural Sociology.* Edward Elgar Publishing Ltd. (forthcoming)

MANUSCRIPTS UNDER REVIEW/IN PROGRESS

Under review

Haskell-Craig, Z., **Ronnkvist, S.R.**, Robinson, A., Bovienzo, D., Conte Keivabu, R., Hauer, M.E., & Zagheni, E. Not just heat: place-based vulnerability to temperature extremes overestimated in Europe without including measures of adaptive capacity.

In progress

Ronnkvist, S.R., DeWaard, J., Curtis, K.J., & Fussell, E. Historical post-disaster migration across the life course: Evidence from one century of linked U.S. censuses.

Venechuk, G. & **Ronnkvist, S.R.** Fired Up for Work: Examining the Relationship between Environmentally-Vulnerable Work and Population Health Outcomes in the Context of Wildfire.

Ronnkvist, S.R. & Curtis, K.J. Previous Hurricane Exposure in the US.

Grant, M., Curtis, K.J., & **Ronnkvist, S.R.** Lengthening Birth Intervals and the Role of Environmental Uncertainty.

Curtis, K.J., Parker, D., Fussell, E., DeWaard, J., & **Ronnkvist, S.R.** Environmental Migration and Place-Based Natural Assets: Conceptualizing Fixed and Mobile Natural Resources in the US Gulf Coast.

RESEARCH POSITIONS

University Fellowship — September 2025 - May 2026
University of Wisconsin - Madison — September 2020 - May 2021

Research Assistant — September 2024 - Present
University of Wisconsin - Madison — June 2021 - August 2022
Dr. Katherine Curtis

Affiliate Student — September 2024 - Present
Max Planck Institute of Demographic Research

Summer Incubator Participant — June 2024 - August 2024
Max Planck Institute for Demographic Research (MPIDR)

T32 Trainee — September 2022 - August 2024
National Institute of Child Health and Development (NICHD)

Pre-doctoral Fellow August 2020 - Present
Center for Demography and Ecology (CDE)

Drawdown Scholar June 2019 - July 2019
The Pennsylvania State University
Drawdown Research Experience for Undergraduates (REU)
Dr. Brian Thiede

Research Assistant November 2018 - May 2020
Iowa Rural and Farm Life Poll
Iowa State University
Dr. J Gordon Arbuckle

GRANTS

Center for the Demography of Health and Aging (CDHA) Pilot Grant September 2024 - August 2025
Graduate Student Research Assistant
Katherine J. Curtis (PI), "Climate and Healthy Aging: Spatial Distributions of Environmental Hazards" ($50,000)

College of Liberal Arts and Sciences Dean's High Impact Award for Undergraduate Research Application Fall 2018
Iowa State University Spring 2018

INVITED PRESENTATIONS

Invited Presenter February 2024
New Data and Directions in the Study of Migration
Hong Kong University
Historical post-disaster migration across the life course: Evidence from one century of linked U.S. censuses

INVITED WORKSHOPS

Invited Speaker April 2024
Climate, Aging, and Health: A Pre-PAA Interdisciplinary Mini-Conference focused on Rural America

Invited Participant September 2024
D4 Hack Week: Disasters, Demography, Disparities,
and Decisions at University of Washington Seattle

CONFERENCE PRESENTATIONS

Oral Presentation 2025
2025 Data-Intensive Research Conference
Organized by IPUMS & NDIRA
Historical post-disaster migration across the life course: Evidence from one century of linked U.S. censuses

Oral Presentation
Population Association of America (PAA) Annual Meeting - Washington D.C.
Historical post-disaster migration across the life course: Evidence from one century of linked U.S. censuses

Oral Presentation 2024
Population Association of America (PAA) Annual Meeting - Columbus, OH
Working in Smoke: Understanding Wildfire Health Disparities Within the Context of Occupational Vulnerability

Poster Presentation
Population Association of America (PAA) Annual Meeting - Columbus, OH
Estimating Migration Systems Using Markov Chain Coarse-Graining

Oral Presentation 2023
Population Association of America (PAA) Annual Meeting - New Orleans, LA
Previous Hurricane Exposure and Migration in the Gulf Coast (1990 to 2011)

Poster Presentation
Population Association of America (PAA) Annual Meeting - New Orleans, LA
Fire Away! Understanding the Effect of Wildfires on Colorado's Environmentally Dependent Job Market (2001-2021)

Oral Presenter 2021
Population Association of America (PAA) Annual Meeting - St. Louis, MO (virtual due to COVID-19)
The Effects of Climatic Variability on Child Fostering in Sub-Saharan Africa

Oral Presenter 2020
Population Association of America (PAA) Annual Meeting - Washington D.C. (virtual due to COVID-19)
The Effects of Climate Variability on Fertility in Sub-Saharan Africa

TEACHING POSITIONS

Summer DemSem Co-coordinator May 2024
Environmental Demography
Co-instructors: Sarah Bass, Dr. Max Besbris, & Dr. Katherine J. Curis

Grader Fall 2023
CES 140: Introduction to Community and Environmental Sociology
Course instructor: Todd Flournoy

Grader Fall 2022
SOC 181: The Sociological Enterprise
Course instructor: Loren Peabody

NextGen Pop Co-instructor June 2022
Migration
Co-instructors: Dr. Katherine J. Curtis

DEPARTMENTAL SERVICE

Student Representative Fall 2024
Sociology Hiring Committee

Student Co-coordinator Spring 2024
Spatial Thinking Working Group

Selected Student Representative AY 2021-2022
Graduate Program Committee

Chair Fall 2021 - Spring 2023
Sociology Graduate Student Association (SGSA)

Faculty Liaison Fall 2020 - Spring 2021
Sociology Graduate Student Association (SGSA)

PROFESSIONAL SERVICE

Advocacy Day April 2025
Population Association of America (PAA)
Washington D.C.

Session Discussant
Population Association of America (PAA) Annual Meeting - Washington D.C.

Organizer October 2024 - Present
Population & Environment Working Group
Informal working group for early-career environmental demographers

Session Chair April 2024
Population Association of America (PAA) Annual Meeting - Columbus, OH

Mentor June 2022
NextGenPop
Undergraduate population research training program