

# SARA R. RONNKVIST

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## EDUCATION

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<b>Ph.D. in Sociology</b> University of Wisconsin - Madison <i>Post-disaster Migration in the US</i>	Expected May 2026
<b>M.S. in Sociology</b> University of Wisconsin - Madison <i>Previous Hurricane Exposure and Migration in the US Gulf Coast Region</i>	2023
<b>B.S. in Statistics</b> Iowa State University Minor in Sociology Magna Cum Laude Honors Program Phi Beta Kappa	2020

## JOURNAL PUBLICATIONS

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**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

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**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

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### ***Under review***

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. (*Revise and resubmit at Population and Environment*)

**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.

### ***Preparing for resubmission***

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.** & 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.

McConnell, K., Fussell, E., Curtis, K.J., DeWaard, J., & **Ronnkvist, S.R.** Age-specific Migration Flows Across the Rural-urban Continuum: New Evidence from U.S. Census Administrative Records.

## RESEARCH POSITIONS

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### **University Fellowship**

University of Wisconsin - Madison

September 2025 - May 2026

September 2020 - May 2021

### **Research Assistant**

University of Wisconsin - Madison  
Dr. Katherine Curtis

September 2024 - Present

June 2021 - August 2022

### **Affiliate Student**

Max Planck Institute of Demographic Research

September 2024 - Present

<b>Summer Incubator Participant</b> Max Planck Institute for Demographic Research (MPIDR)	June 2024 - August 2024
<b>T32 Trainee</b> National Institute of Child Health and Development (NICHD)	September 2022 - August 2024
<b>Pre-doctoral Fellow</b> Center for Demography and Ecology (CDE)	August 2020 - Present

<b>Drawdown Scholar</b> The Pennsylvania State University Drawdown Research Experience for Undergraduates (REU) Dr. Brian Thiede	June 2019 - July 2019
<b>Research Assistant</b> Iowa Rural and Farm Life Poll Iowa State University Dr. J Gordon Arbuckle	November 2018 - May 2020

## GRANTS

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<b>Center for the Demography of Health and Aging (CDHA) Pilot Grant</b> Graduate Student Research Assistant Katherine J. Curtis (PI), "Climate and Healthy Aging: Spatial Distributions of Environmental Hazards" (\$50,000)	September 2024 - August 2025
<b>College of Liberal Arts and Sciences Dean's High Impact Award for Undergraduate Research Application</b> Iowa State University	Fall 2018 Spring 2018

## INVITED PRESENTATIONS

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

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### 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

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### Oral Presentation

2025

Climate Change, Environmental Hazards, and Population Dynamics  
Organized by Max Planck Institute of Demographic Research & International Union of  
Scientific Study of Population (IUSSP) Scientific Panel on Population Dynamics  
under Global Conflict and Climate Change  
*Post-disaster transitions and trajectories of step-wise, stage, and return migration*

### Oral Presentation

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*

2023

**Oral Presentation**

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

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**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

## DEPARTMENTAL SERVICE

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<b>Student Representative</b> Sociology Hiring Committee	Fall 2024
<b>Student Co-coordinator</b> Spatial Thinking Working Group	Spring 2024
<b>Selected Student Representative</b> Graduate Program Committee	AY 2021-2022
<b>Chair</b> Sociology Graduate Student Association (SGSA)	Fall 2021 - Spring 2023
<b>Faculty Liaison</b> Sociology Graduate Student Association (SGSA)	Fall 2020 - Spring 2021

## PROFESSIONAL SERVICE

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<b>Advocacy Day</b> Population Association of America (PAA) Washington D.C.	April 2025
<b>Session Discussant</b> Population Association of America (PAA) Annual Meeting - Washington D.C.	
<b>Organizer</b> Population & Environment Working Group <i>Informal working group for early-career environmental demographers</i>	October 2024 - Present
<b>Session Chair</b> Population Association of America (PAA) Annual Meeting - Columbus, OH	April 2024

**Mentor**  
NextGenPop  
*Undergraduate population research training program*

June 2022