

Ailish Burns

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EDUCATION

Brown University

Ph.D. Candidate in Sociology

Providence, Rhode Island, US

Expected May 2025

Dissertation: "Computing Care: The implications of algorithmic decision-making for racial inequality in long-term care"

Qualifying exams: Social Demography, Health and Illness in Social Context

M.A. in Sociology

May 2023

Thesis: "The long arm of pregnancy: maternal health and health later in life"

Alden Spear, Jr. Award for superior achievement in the Master of Arts thesis

University of Wisconsin-Madison

B.A. in Sociology, Minor in Gender and Women's Studies

Madison, Wisconsin, US

May 2017

Summa cum laude

Phi Beta Kappa National Honor Society

PEER-REVIEWED PUBLICATIONS

Rauscher, Emily and **Ailish Burns**. "States Approaches to Simplify Medicaid Eligibility and Implications for Inequality of Infant Health" *Forthcoming in RSF: The Russell Sage Foundation Journal of the Social Sciences*.

Burns, Ailish, Teresa DeAtley, and Susan E. Short. 2023. "The Maternal Health of American Indian and Alaska Native People: A Scoping Review." *Social Science & Medicine* 317:115584. doi: 10.1016/j.socscimed.2022.115584.

Jackson, Margot, Emily Rauscher, and **Ailish Burns**. 2022. "Social Spending and Educational Gaps in Infant Health in the United States, 1998–2017." *Demography*. 59 (5): 1873–1909. doi: <https://doi.org/10.1215/00703370-10230542>

Rauscher, Emily and **Ailish Burns**. 2021. "Unequal Opportunity Spreaders: Higher COVID-19 Deaths with Later School Closure in the United States." *Sociological Perspectives*. doi:10.1177/07311214211005486.

**Media coverage: Research Minutes from CPRE Knowledge Hub*

FELLOWSHIPS, GRANTS, AND AWARDS

NSF Doctoral Dissertation Research Improvement Grant in Decision, Risk, and Management Sciences (PI: Emily Rauscher) (\$31,900)

2023-2024

Population Studies and Training Center Summer Research Grant, Brown University (\$800)

Summer 2023

T32 Predoctoral Fellowship, National Institute for Child Health and Human Development, National Institutes of Health (\$43,059)

2022-2023

Steinhaus/Zisson Pembroke Center Research Grant, Brown University (\$1355)

Fall 2022

T32 Predoctoral Fellowship, National Institute for Child Health and Human Development, National Institutes of Health (\$41,356)	2020-2021
Summer Mentored Research Fellowship with Emily Rauscher, Brown University (\$2000)	Summer 2021
Alden Speare, Jr. Award for superior achievement in the Master of Arts thesis	2021
Summer Mentored Research Fellowship with Susan Short, Brown University (\$2000)	Summer 2020

PRESENTATIONS

“Inequality in the relationship between pesticide exposure and infant health”

- Poster presentation at the Population Association of America Annual Meeting in April 2023
- (upcoming) Oral presentation at the American Sociological Association Annual Meeting in August 2023

Graduate student panel at the Leadership Alliance National Symposium in Hartford, CT in July 2022

“The long arm of pregnancy: maternal health and health later in life”

- Oral presentation (virtual) at the Eastern Sociological Society Annual Meeting in February 2022
- Oral presentation at the Population Association of America Annual Meeting in April 2022

(With Emily Rauscher) “State Approaches to Simplify Medicaid Eligibility and Implications for Inequality of Infant Health”

- Oral presentation at the Brown University Annenberg Institute in January 2022

TEACHING

Study Group Leader for the Leadership Alliance Summer Research Early Identification Program – Mellon Initiative	Summer 2022
Teaching Assistant, Sociology 1020: Methods of Social Research	Spring 2022
Teaching Assistant, Sociology 1100: Introductory Statistics for Social Research	Fall 2021

RELEVANT EXPERIENCE

University of Wisconsin-Madison Population Health Institute	Madison, Wisconsin, US
Associate Research Specialist	2018-2019
<ul style="list-style-type: none"> • Assisted in evaluation and applied research of statewide adolescent health programs, including for Project Advancing Wellness and Resiliency in Education, the Personal Responsibility and Education Program, and Sexual Risk Avoidance Education. • Coordinated the design, development, and implementation of data collection tools. • Cleaned, coded, and analyzed program outcome data using Excel and SPSS. • Created data visualizations of program outcomes and authored data summaries and reports for key stakeholders. • Developed and maintained databases using Qualtrics, REDCap, and Microsoft Excel. 	
State of Wisconsin Department of Children and Families	Madison, Wisconsin, US
Research Grant Project Manager	2017-2018

- Conducted overall project coordination for a research planning grant to evaluate the impact of child care subsidy policies on parent and child outcomes.
- As lead author, wrote a federal research and evaluation implementation grant proposal that was funded by the United States Administration of Children and Families.
- Wrote federal grant progress reports and other required grant documentation.

University of Wisconsin-Madison Survey Center

Madison, Wisconsin, US

Survey Research Interviewer

2016-2018

- Administered academic health and behavior research surveys over the phone, including the Study to Explore Early Development, the Behavioral Risk Factor Surveillance System, the Pregnancy Risk Assessment Monitoring System, the Family Health Study, and the National Youth in Transition Database.
- Case management of survey respondents using Microsoft Access databases.

PROFESSIONAL ACTIVITIES, SERVICE, AND AFFILIATIONS

Brown Sociology Teaching Assistant Representative	<i>2022-2023</i>
Brown Sociology Professional Development Committee	<i>2020-2021</i>
Brown University Population Studies and Training Center Trainee	<i>2019-present</i>
Brown University Graduate Student Council Nominations Committee	<i>2019</i>
Member, American Sociological Association Section Membership: Medical Sociology; Inequality, Poverty, and Mobility; Organizations, Occupations, and Work; Science, Knowledge, and Technology	<i>2019-present</i>
Member, Population Association of America	<i>2019-present</i>
Occasional reviewer: Social Science and Medicine - Population Health; Health Affairs	

TECHNICAL SKILLS

Stata, SPSS, Python, REDCap, Microsoft Suite
 Writing in plain language certified through the University of Wisconsin-Madison Cultural Linguistic Services