Callie J. Zaborenko

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SUMMARY

I am a researcher seeking a career that applies statistical modeling to identify targets for interventions across the life course to help people overcome obstacles to their optimal health and well-being.

EDUCATION

2018-present	**Ph.D., Sociology and Gerontology, with certificate in Advanced Methodology** Purdue University, Expected graduation Fall 2023
2016-2018	**M.S., Sociology** Purdue University
2009-2013	**B.S., Informatics** Indiana University-Purdue University Indianapolis Minor: *Chemistry*

EXPERIENCE

Graduate Student Research Assistant, Purdue University, Department of Sociology, August 2016-present.
Data analysis, literature searching, and writing, with projects focused on: early determinants of health in late life, litigation and mortality in jail and prison systems, and cigarette usage in teenagers and young adults

Course Instructor, Purdue University, Department of Sociology, August 2021-August 2022.
Introduction to Statistics in Sociology (SOC 382)
- Instructed the online course and graded assignments
- Taught elementary statistics and R (programming language)

Introduction to Sociology (SOC 100)
- Lectured in-person and graded assignments
- Taught foundational ideas in sociology

Research Assistant
Indiana University School of Medicine, Internal Medicine, June 2019-August 2019.
- Created data collection questionnaire and prepared IRB for projects involving sleep and gait sensors for use in people with Alzheimer's Disease

Purdue University, Department of Psychology, Neurodevelopmental Family Lab, August 2015-April 2016.
- Developed recruitment materials, literature search, assisted in set up of physical lab, communicated with measure authors, and developed surveys to be used with children with neurodevelopmental disorders

Roudebush VA Medical Center August 2015-April 2016.
- Wrote recruitment materials, code, and participated in development of codebooks for projects involving doctor-patient communication and traumatic brain injury healthcare utilization

Indiana University-Purdue University Indianapolis (IUPUI), Department of Psychology, Assertive Community Treatment (ACT) Center of Indiana, February 2013-April 2016.
- Interviewed research participants, analyzed data, wrote code, searched literature, and prepared and edited publications in projects involving mental illness stigma and patient-provider communication.

Undergraduate Research Assistant, IUPUI, Department of Human-Computer Interaction, Summer 2012.
- Assisted in programming ANFORA, a framework that transforms existing information architectures as linear audio streams.

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PEER-REVIEWED PUBLICATIONS
Zaborenko, C.J.; Ferraro, K.F.; & Williams, M. Childhood Misfortune and Late-life Stroke Incidence, 2004-2014. *The Gerontologist*. 60 (6). Pages 1060-1070. Published April 8, 2020.

Headworth, S. & **Zaborenko, C.J.** Legal Reactivity: Correctional Health Care Certifications and Accreditations as Responses to Litigation. *Law & Social Inquiry*. Advance Access publication July 19, 2021.

RESEARCH TRAINING
Longitudinal Data Analysis Using Structural Equation Modeling (April 2022)
Organization: Statistical Horizons

Causal Inference Workshop (April 2022)
Organization: Advanced Methods at Purdue (AMAP)

Approaches to Handling Missing Data (Fall 2019)
Organization: Advanced Methods at Purdue (AMAP)

Conducting Survey Experiments to test causality (Spring 2019)
Organization: Advanced Methods at Purdue (AMAP)

*Survey Design Workshop and Implementing Best Practices Using Qualtrics (*November 2018)
Organization: Advanced Methods at Purdue (AMAP)

How to Make the Research Process Efficient and Reproducible: Workflow Best Practices (August 2018)
Organization: Advanced Methods at Purdue (AMAP)

Data & Model Visualization Workshop (March 2018)
Organization: Advanced Methods at Purdue (AMAP)

Qualitative Interviewing Techniques Workshop (September 2014)
Organization: Wishard Regenstrief Hospital Indianapolis, Indiana

SKILLS, TECHNOLOGIES
Survey Research • Teaching • Qualtrics • Experiments • Data Collection • Mplus • R (Programming Language) • Stata • Data Analysis • Statistical modeling • SQL • Python