Julia Keen Goodwin, PhD
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Summary

Recent sociology PhD graduate with extensive training and experience conducting advanced statistical analyses; compiling and managing longitudinal and cross-sectional large-scale survey data; and implementing both qualitative and quantitative methodologies. My areas of expertise are in social demography and population health examining inequities related to aging and mortality. I am experienced at working and learning as an independent and in collaboration with colleagues across disciplines and writing and presenting research findings for diverse audiences.

Education

PhD, Sociology, University of Wisconsin–Madison December 2023
Dissertation: "Considering Measurement Bias in Cognition at the Intersection of Race and Gender"
Preliminary Exams: Demography and Ecology; Sociology of the Family

MS, Sociology, University of Wisconsin–Madison September 2019
Thesis: "Moving Contexts: The Impact of Changes in Neighborhood Characteristics on Mental and Physical Health by Race and Ethnicity"

BA, Sociology, University of Wisconsin–Madison May 2012

Research Experience

Research Assistant, Dr. Travis Wright January 2023–August 2023
University of Wisconsin–Madison
- Consolidated and managed student education metrics and administrative data sources from a mid-sized school district
- Analyzed these novel cross-sectional and longitudinal data in Stata
- Produced literature reviews and revised journal manuscripts for submission

Research Assistant, Dr. Lauren Schmitz September 2019–May 2021
University of Wisconsin–Madison
- Performed statistical analyses across large, longitudinal surveys (Health and Retirement Study and Multi-Ethnic Study of Atherosclerosis)
- Authored literature reviews later utilized in co-authored academic manuscripts
- Generated and edited figures and tables for journal articles and exhibited research results via oral and poster sessions

Research Assistant, Dr. Jason Fletcher September 2018– August 2019
University of Wisconsin–Madison
- Analyzed longitudinal statistical analysis using the National Longitudinal Study of Adolescent and Adult Health
- Collaborated with faculty members to draft, edit, and finalize an academic manuscript
- Presented analyses and fielded questions at conferences via talks and poster sessions

Research Assistant, Child Trends June 2014–June 2016
Bethesda, MD
- Facilitated data collection, analysis, and dissemination of findings from federally-funded research projects
- Conducted cognitive interviews and created questionnaire items for a sex education program
- Aided in designing a smartphone app-based sexual health intervention for young women of color
- Assembled meeting notes, updated budgets, and wrote monthly reports for the Office of Management and Budget and projects within Child Trends

Intramural Research Training Awardee (IRTA), NIH September 2012–April 2014
Bethesda, MD
- Transcribed, coded, and summarized qualitative interviews of patients in the NIH's Clinical Center
- Streamlined, assessed, and presented quantitative outcome data on patients with traumatic brain injuries

Other Experience

Teaching Assistant, Dr. Cabell Gathman — September 2022– December 2022
University of Wisconsin–Madison

- Led four 50-minute discussion sections a week for approximately 100 students, facilitating small-group activities, composing slides, and designing discussion questions related that week's topic
- Assessed student writing proficiency and comprehension, providing written feedback on assignments when necessary

Instructor, Department of Sociology — August 2022
University of Wisconsin–Madison

- Co-led a three-day instructional bootcamp in statistics for first year sociology graduate students to help gauge new students' ability
- Coordinated with another senior graduate student to outline content, examples, and activities in basic statistics

Teaching Assistant, Dr. Felix Elwert — January 2022–May 2022
University of Wisconsin-Madison

- Administered two two-hour labs a week for a graduate-level statistics course required for graduating from the PhD program
- Wrote and modified slide decks, creating charts and figures to easily communicate complicated statistical concepts

Skills

Quantitative statistical analysis: regression analysis, structural equation modeling, quasi-experimental techniques, survival and event history analysis, longitudinal analysis, demographic techniques

Software: Stata (advanced), SPSS (intermediate), MPlus (intermediate), NVivio (basic), R (basic), SAS (basic), ArcGIS (basic)

Papers, Conferences, and Presentations

"The Impact of the High School Movement on Epigenetic Aging", poster; 2022, Population Association of America (PAA); Atlanta, GA

Schmitz, Lauren L., Wei Zhao, Scott M. Ratliff, **Julia Goodwin**, Jiacheng Miao, Qiongshi Lu, Xiuqing Guo, Kent D. Taylor, Jingzhong Ding, Yongmei Liu, Morgan Levine, and Jennifer A. Smith. 2021. "The Socioeconomic Gradient in Epigenetic Ageing Clocks: Evidence from the Multi-Ethnic Study of Atherosclerosis and the Health and Retirement Study." *Epigenetics* 1–23.

Schmitz, Lauren L., **Julia Goodwin**, Jiacheng Miao, Qiongshi Lu, and Dalton Conley. 2021. "The Impact of Late-Career Job Loss and Genetic Risk on Body Mass Index: Evidence from Variance Polygenic Scores." *Scientific Reports* 11(7647): 1-15.

"The Impact of the High School Movement on Epigenetic Aging", oral presentation; 2021, Integrated Genetics and the Social Sciences (IGSS); Boulder, CO

"The Impacts of Changes in Neighborhood Characteristics on Mental and Physical Health", poster; 2019, Population Association of America Annual Conference; Austin, TX

"Impact of Neighborhood Quality on Mental and Physical Health in African Americans: Evidence for the 'Skin-Deep' Hypothesis", oral presentation; 2018, Add Health Users Conference; Bethesda, MD

"Gender and the Education-Mortality Gradient: Educational Attainment and Performance Matter Differentially for Men and Women", oral presentation; 2018, Population Association of America Annual Conference; Denver, CO