

Samantha Freis, M.A.

Quantitative Researcher with Expertise in Psychology and Human Behavior

freis.sam@gmail.com • www.sfreis.com

EDUCATION

Ph.D. , <i>Psychology: Behavioral, Psychiatric and Statistical Genetics, University of Colorado Boulder</i>	5/2024
M.A. , <i>Psychology, University of Colorado Boulder</i>	12/2021
Graduate Certificate in Quantitative Methods for Behavioral Sciences, <i>University of Colorado Boulder</i>	12/2021
B.S. , <i>Psychology, The University of Texas at Austin</i>	5/2017

SKILLS

Proficient: R, MPlus, REDcap, Qualtrics, Microsoft Office, quantitative research, data analysis, data management, data visualization, applied and descriptive statistics, structural equation modeling, scientific writing and communication, project management

Intermediate: Unix/Linux command line, SPSS, ArcGIS, grant writing

Beginner: Python, Bayesian statistics, GitHub, MATLAB

EXPERIENCE

Graduate Researcher , <i>Psychology, University of Colorado Boulder</i>	8/19-Present
<ul style="list-style-type: none">Developed data processing and analysis pipelines for behavioral and survey dataIdentified gaps in existing research and executed literature reviews, study designs, statistical analyses, and manuscript preparation resulting in multiple first-authored peer-reviewed publicationsSynthesized and translated research findings through departmental and conference presentations, invited talks, and interviewsReceived a predoctoral training fellowship to advance knowledge on genetic and environmental influences on cognitive functions and mental healthCollaborated on numerous projects with interdisciplinary researchers resulting in multiple co-authored peer-reviewed publications	
Co-Director of Evaluation and Development , <i>Project SHORT</i>	5/22 - Present
<ul style="list-style-type: none">Designed, distributed, analyzed, visualized, and reported results of mentee and mentor surveys to evaluate user experience and mentorship in Project SHORTIdentified and communicated steps for program growth and improvement	
Teaching Assistant , <i>Psychology, University of Colorado Boulder</i>	8/19-5/20
<ul style="list-style-type: none">Led four lab sections for Psychology Research MethodsFacilitated knowledge transfer through lecturing, discussion, and grading	
Research Coordinator , <i>Population Research Center, The University of Texas at Austin</i>	5/17-5/19
<ul style="list-style-type: none">Recruited, trained, and supervised over 30 research assistants per semester in data collection, data entry, and participant recruitment and schedulingManaged research materials and lab databases	

RELEVANT COURSEWORK

Graduate Statistics	Statistical Programming in R
Structural Equation Modeling	Bayesian Statistics

GRANTS, AWARDS, & FELLOWSHIPS

Carol Becker Lynch Award for Excellence in Behavior Genetics Research	2/22
National Science Foundation Graduate Research Fellowship Program Honorable Mention	3/21