

Sam Freis, M.A.

Quantitative Researcher with Expertise in Psychology and Human Behavior

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SKILLS

Programming & Data Visualization: R, R Markdown, tidyverse, ggplot2, Mplus, SPSS, Unix/Linux command line

Techniques: Quantitative research, data analysis, data management, descriptive, inferential, and multivariate statistics, structural equation modeling, project management

Tools: REDcap, Qualtrics, Microsoft Office, Google Workspace, toggl, ArcGIS, GitHub

Communication: Scientific writing and communication, public speaking, grant writing

EDUCATION

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

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 insights 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 cross-functional research teams 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 insights 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	

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