

Sam Freis, M.A.

Quantitative Researcher with Expertise in Psychology and Human Behavior

freis.sam@gmail.com • www.sfreis.com • linkedin.com/in/sfreis/ • Denver, CO

SKILLS

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

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

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

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

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

EXPERIENCE

Co-Director of Evaluation and Development , <i>Project SHORT</i>	5/22-Present
<ul style="list-style-type: none">Selected to serve on the executive board of the non-profit Project SHORTDesigned, distributed, analyzed, visualized, and reported insights from 1,000+ surveys per year to evaluate enrollment and user experience in Project SHORTIdentified and communicated steps for program growth and improvement	
Graduate Researcher , <i>Psychology, University of Colorado Boulder</i>	8/19-Present
<ul style="list-style-type: none">Identified gaps in existing research and executed literature reviews, study designs, survey and behavioral data processing, statistical analyses, and manuscript preparation resulting in 6 first-authored scientific publications and presentationsSynthesized, translated, and communicated research insights to diverse audiences through departmental and conference presentations, invited talks, and interviewsCollaborated on numerous projects with cross-functional research teams resulting in 7 co-authored publications and presentationsCompleted 4 evaluations of manuscripts for scholarly journals and provided constructive feedback for improving statistical analyses and insight communicationReceived a predoctoral training fellowship to advance knowledge on genetic and environmental influences on cognitive functions and mental healthServed on the Diversity, Equity, and Inclusion committee and consulted on efforts and initiatives aimed to improve inclusiveness and workplace culture	
Teaching Assistant , <i>Psychology, University of Colorado Boulder</i>	8/19-5/20
<ul style="list-style-type: none">Facilitated knowledge transfer through lecturing, discussion, and gradingReceived a combined evaluation rating of 95% across 4 courses and 60 students	
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 a team of 30+ research assistants per semester in data collection, data entry, and participant recruitment and schedulingFounded a bi-weekly research oriented professional development newsletterManaged 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