

Samantha Freis, M.A.

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EDUCATION

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

SKILLS

Proficient: R, R Markdown, tidyverse, MPlus, REDcap, Qualtrics, Microsoft Office, quantitative research methods, descriptive and inferential statistics, structural equation modeling, behavioral genetics, scientific writing and communication, project management, data management, data visualization

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

Beginner: Bayesian methods, bash, emacs, plink, LDpred, LDHub, GCTA, Git, GitHub, MATLAB

PROFESSIONAL EXPERIENCE

Graduate Researcher , Psychology, University of Colorado Boulder	8/19-Present
<ul style="list-style-type: none">Led and assisted with literature reviews, statistical analyses, manuscript preparation, and grant writing; Collaborated on multiple studies with researchers across institutions and disciplines covering topics including cognitive functions, self-regulation, mental health, and substance use resulting in 2 first-authored peer-reviewed publications, 3 co-authored peer-reviewed publications, and 7 conference presentations	
Teaching Assistant , Psychology, University of Colorado Boulder	8/19-5/20
<ul style="list-style-type: none">Led two lab sections per semester for Research Methods (PSYC 3111)Responsible for lecturing, engaging class in discussion, and grading coursework and projects	
Research Coordinator , Population Research Center, The University of Texas at Austin	5/17-5/19
<ul style="list-style-type: none">Recruited, trained, and supervised over 30 research assistants per semester in data collection, participant recruitment, and schedulingOrganized and managed research materials, lab databases, and executed quality control measures through data processing and cleaning	

RELEVANT COURSEWORK

Physiological Genetics	Methods Proseminar in Behavioral Genetics
Graduate Statistics	Statistical Programming in R
Structural Equation Modeling	Developmental Psychology
Individual Differences	Bayesian Methods

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