

# SAM FREIS

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## SUMMARY

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5+ years of experience in coordinating, designing, executing, and analyzing complex research projects focused on human behavior, cognition, and mental health. Proven ability to effectively communicate research findings and drive evidence-based decision-making. Collaborative team player advancing understanding of human behavior through research.

## WORK EXPERIENCE

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04/2023 - present

### DENVER MUSEUM OF NATURE AND SCIENCE

#### Research Assistant | On-site

- Advanced the priorities of the Community Research and Evaluation Team by collecting visitor feedback and 200+ surveys

05/2022 - present

### PROJECT SHORT

#### Co-Director of Evaluation and Development | Remote

- Utilized Qualtrics surveys and R to gather, triangulate, analyze, and visualize qualitative/quantitative feedback from 1,000+ participants
- Delivered actionable insights to the executive board, leading to improved support for international students, enhanced mentor recruitment, and expanded programming

08/2019 - present

### UNIVERSITY OF COLORADO BOULDER

#### Researcher & Laboratory Instructor | On-site

- Produced 10 first-author scientific publications and conference presentations using quantitative methods, including descriptive, inferential, and multivariate statistical analysis, exploratory data analysis, model evaluation and interpretation, structural equation modeling, and data visualization
- Collaborated on projects with cross-functional research teams and stakeholders across 5+ departments, resulting in 15 co-author publications and presentations
- Awarded a pre-doctoral training grant fellowship of \$150,000+ in tuition and stipend funding and a \$2,000 award for excellence in research
- Delivered engaging instruction in behavioral science, research methods, experimental design, AB tests, the R programming language, and statistics to 60 students, achieving a 95% combined satisfaction rate

05/2017 - 06/2019

### POPULATION RESEARCH CENTER, THE UNIVERSITY OF TEXAS AT AUSTIN

#### Research Coordinator & Project Manager | On-site

- Enhanced lab efficiency and data quality by creating a research coordinator manual, automating tasks with reproducible code, managing 10+ databases in REDcap, and implementing data quality control measures
- Facilitated the expansion of a longitudinal cohort study with 1,000+ participants by harmonizing multiple diverse databases and research protocols
- Trained and led a team of 20+ research assistants each semester in ethical research practices, data collection, psychometric testing, data entry, and participant recruitment and scheduling

## EDUCATION

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University of Colorado Boulder  
Ph.D., Psychology

University of Colorado Boulder  
M.A., Psychology

The University of Texas at Austin  
B.S., Psychology, Biology  
Minor

## SKILLS

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- R, SQL, Mplus, SPSS, MS Office, GitHub
- Scientific writing and communication, leadership, teamwork, public speaking, grant writing, web copywriting