

SAN DIEGO STATE UNIVERSITY
Post-Doctoral Fellow Position Opening

POSITION: Post-Doctoral Research Fellow

EFFECTIVE DATE: September 15, 2018

SALARY RANGE: \$55,000

POSITION LENGTH: One year; renewable up to three years

OVERVIEW: We seek one post-doctoral researcher to play a central role in our recently funded NSF project titled *Understanding and removing barriers for adoption and implementation of a proven intervention for improving Biology student success*. The overall aim of this project is to test a social-psychological model for predicting and understanding possible resistance to and support for implementing and sustaining a proven diversity-enhancing classroom intervention. We will systematically test how to optimally engage faculty (undergraduate biology instructors) in broadening participation efforts. The mixed methods project will include interviews, a series of field experiments, and a longitudinal experimental study. All activities will be conducted at SDSU under the supervision and advisement of [Dustin Thoman](#) (PI), in the Department of Psychology and Center for Research in Mathematics and Science Education. The Postdoc will also work closely with Co-PIs [Felisha Herrera Villarreal](#) and [Jessi Smith](#). Opportunities exist for additional collaborative and independent research projects, with access to a large subject pool and laboratory space.

DUTIES AND RESPONSIBILITIES: The Postdoc will provide assistance with the technical aspects of the project, help oversee recruitment and longitudinal tracking of participants, and serve as the primary interviewer for faculty, and supervise master's level and undergraduate research assistants. This person will contribute to the collection, analyses, and dissemination of the data through reports, presentations and publications. Significant travel is required during project year 1 to collect interview data.

MINIMUM QUALIFICATIONS: Candidates must have a Ph.D. or be ABD in Psychology, Education, or closely related field. Excellent organization, written, and statistical skills are required.

DESIRED/PREFERRED QUALIFICATIONS: Candidates with a PhD or ABD in Social or Educational Psychology or Cultural emphasis is preferred. Desired qualifications also include interest in and familiarity with diversity in STEM research, experience with (or training in) experimental and longitudinal research design and analysis, experience with (or training in) mixed-methods and qualitative research, and experience managing a research lab with undergraduate student assistants.

THE SUCCESSFUL CANDIDATE WILL:

The Successful Candidate will:

- meet the required qualifications
- have experience and demonstrated proficiency in project management, research design, data collection and analyses in both lab-based and naturalistic settings;
- demonstrate interest in and familiarity with motivation research and diversity in STEM research;
- have the ability to work effectively with diverse populations;

- have experience communicating complex scientific information to diverse audiences;
- have working knowledge of web and social networking technologies;
- have refined organizational and time management skills;
- have the ability to balance independent work and team-oriented work;
- maintain effective attention to detail, meeting deadlines, and prioritizing competing demands;
- display an aptitude for problem solving and facilitating the work of others;
- be skilled at prioritizing, organizing, and working on multiple projects;
- be confident and competent in oral presentations
- exercise good judgment and self-motivation;
- maintain confidentiality of records and information.

REQUIRED DOCUMENTATION: To apply, submit all of the following:

- (1)** a letter of application that addresses the required and preferred qualifications listed above as well as other pertinent experience (e.g., statistics, survey and experimental design, web site development, on-line administration of tasks/questionnaires, and any other areas relevant to a busy, productive laboratory); **and**
- (2)** a current curriculum vita, **and**
- (3)** the names, addresses and telephone numbers of three (3) current professional references.

An application packet including all of the above items as listed is highly encouraged. Missing materials and/or information may not be requested and may result in your application not being considered for the position.

Electronic submissions in PDF format are preferred, and must have the applicant's signature on the letter of application. For electronic submittals, please indicate "Applicant – Postdoc Search" in the subject line of the email.

Submit to:

Dustin Thoman, Ph.D.
 Post Doc Search Committee
 Department of Psychology
 San Diego State University
dthoman@sdsu.edu

APPLICATION DEADLINE: Review of applications to occur on a rolling basis, starting August 20, 2018
 Position opened until filled

SDSU is committed to creating a community in which a diverse population can learn, live, and work in an atmosphere of tolerance, civility and respect for the rights and sensibilities of each individual, without regard to race, color, national origin, ancestry, religious creed, sex, gender identification, sexual orientation, marital status, disability, medical condition, age, political affiliation, or veteran's status. SDSU is an Equal Opportunity Employer.