STAT/PSY 390 or Volunteer Research Opportunity

Faculty members or graduate students

Sean Lane, PhD, Assistant Professor, Clinical Psychology, Mathematical & Computational Psychology, and Social Psychology

Mairéad Willis, Graduate Student, Clinical Psychology

Description of research area

Research with the SuperPower Project focuses on the development of new methods for supporting scientific best practices, with a focus on sample size determination. Lab members are engaged in a number of research projects related to disseminating best practices, statistical software development, data simulation, meta-analysis, machine learning, and human-computer interaction.

Description of undergraduate participation

Students will assist with reviewing the current state of the literature on statistical power analysis and sample size determination. Tasks will include searching the literature and summarizing articles related to statistical power analysis. Research assistants are not required to have previous knowledge of power analysis or other statistical methods, but it is essential that they demonstrate interest in quantitative methods and willingness to familiarize themselves with the research area. Outstanding students will have the opportunity to apply for other positions and/or to develop new research as part of an honor’s thesis or independent research project in future semesters.

Research setting

Work can be conducted in the SuperPower laboratory in the Psychological Sciences building or remotely.

Number of assistants needed

3

Contact information

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To apply

Please submit your CV/resume, unofficial transcript, a brief description of your research interests and career goals, and the total number of hours you would like to work per week (in the lab, community, and/or from home).

Additional comments

Individuals interested in pursuing careers in academic research and/or who may be interested in working in the lab for more than one semester are particularly encouraged to apply. Students may enroll in PSY390 or volunteer. Students should be able to commit at least 6 hours/week (2 credits).