

Postdoctoral Fellow Position at Purdue University Department of Psychological Sciences

Advanced Quantitative Methods

Drs. Erin Hennes and Sean Lane in the Department of Psychological Sciences at Purdue University invite applications for full-time postdoctoral fellow positions in advanced quantitative methods. This position is part of a five-year NIH-funded large-scale interdisciplinary project developing improved methods for statistical power analysis. Selected candidates will join a vibrant community of 25 faculty, staff, postdocs, PhD students, and undergraduates from psychology, statistics, and computer science programs at Purdue, the University of Missouri, Columbia University, Brown University, and the University of New Mexico. More information about this project can be found [here](#). The initial appointment is for one year, with the possibility of renewal for additional years based on satisfactory performance.

Minimum Qualifications:

- PhD (or equivalent) in Quantitative Psychology, Statistics, Computer Science, or a related field conferred by the expected start date
- Substantial quantitative expertise in one or more of the following areas: statistical power analysis; general(ized) linear (mixed) models, structural equation models, and/or other modeling techniques; data simulation; optimization; programming; machine learning; software development

Preferred Qualifications:

- Excellent academic writing ability on quantitative topics
- Familiarity with the R software environment
- Expertise in psychological research methods, meta-analysis, generalizability theory, randomized controlled trials, and/or alcohol use disorder
- Substantive research interests related to those of the PIs are helpful but not necessary: substance use, mood/personality disorders, emotion, and/or close relationships (Lane); social justice, biased information processing, political psychology, and/or intergroup relations (Hennes)

How to Apply:

To apply, please submit the following via email to ehennes@purdue.edu:

1. Cover letter
2. CV
3. 1-3 representative manuscripts or other products demonstrating relevant expertise
4. Please arrange for 2-3 letters of recommendation to be submitted to ehennes@purdue.edu

The priority deadline is February 21, 2020, but all applications will be considered until the positions are filled. Start date is negotiable but no later than August 17, 2020. Questions about the positions can be addressed to Dr. Erin Hennes at ehennes@purdue.edu or Dr. Sean Lane at seanlane@purdue.edu.

Nondiscrimination Policy Statement

Purdue University is an Equal Opportunity, Equal Access and Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, age, sex, sexual orientation, gender identity or expression, national origin or ancestry, disability, marital status, parental status, or protected veteran status. The SuperPower Team, the Hennes Social Cognition of Social Justice lab, and the Lane Relational Emotional and Addictive Coregulation across Time Lab are inclusive and diverse teams of scholars. We welcome individuals of all identities, backgrounds, experiences, and perspectives. Dr. Hennes and Dr. Lane have completed Safe Zone, Trans Inclusion, and Green Zone training.