

Postdoctoral Research Associate

Center for Healthy Minds at the University of Wisconsin–Madison

Key Words: Psychology; Neuroscience; Cognitive Science; Brain Imaging; fMRI; Intervention; Affective Neuroscience; Emotion

The Center for Healthy Minds at the University of Wisconsin–Madison is seeking a highly motivated postdoctoral researcher with a background in cognitive and/or affective neuroscience to work on intervention studies in healthy and distressed adults to promote wellbeing and prevent suicide. Qualified individuals will have experience in fMRI processing and analysis methods.

This position will be part of a team investigating the impact and underlying cognitive and emotional mechanisms of well-being interventions, including meditation and electrical stimulation. Methods used in this investigation will include multiple types of functional and structural MRI, behavioral tasks, passive measures of behavior and physiology, and survey measurements. The postdoctoral research associate will assist with the implementation of fMRI scanner protocols and implement and use image processing and analysis programs (e.g. FSL, ANTS, python). Opportunities to make positive scholarly contributions to this interdisciplinary and highly collaborative research program will also be expected, including activities related to study implementation, data collection and analysis, supervision of graduate students, manuscript preparation, and dissemination of results.

Qualifications:

Required

- Ph.D. in psychology, neuroscience, cognitive science and/or a related field
- Experience in fMRI processing and analysis methods or a combination of training and experience
- Strong analytic skills
- Strong communication and organizational skills
- Excel at working in a collaborative environment
- Emerging track record of publishing in academic journals

Preferred

- Experience with other imaging modalities (e.g., structural MRI, DTI) and/or behavioral data
- Experience with MATLAB, Python, C++ and/or other computer programming (e.g., R, Mplus)
- Experience with large and complex research studies and/or clinical trials

The University of Wisconsin-Madison's Center for Healthy Minds (CHM) is a leader in conducting science - in and out of the lab - on how to nurture emotional well-being in daily life, considering the complexity of our human experience. Because of societal inequities in science and academia, as well as the disproportionate harm that marginalized members of our society experience - such as Black, Indigenous, People of color (BIPOC), people from poor and working-class backgrounds, persons with disabilities, women, and LGBTQ+ and non-binary identities, etc. - we believe these identities must be centered in our work in order to fulfill a vision of a kinder, wiser, more compassionate world.

Interested candidates should send: **1) curriculum vitae; 2) cover letter outlining research interests, experience, and career goals; and 3) a list of three references** to Lisa Wesley, Human Resources Generalist, at chm-hr@chm.wisc.edu. Please note in the email subject line - **DARPA Strengthen Postdoc application.**

Applications will be reviewed on a rolling basis beginning immediately. Start date may be as early as 07/01/2024, however, there is flexibility based on the successful applicant's circumstance. Applications will be accepted until the position is filled.