Postdoctoral Research Associate

Position Summary
The post-doctoral research associate will work in the laboratory of Dr. Jennifer Blackford (principal investigator/PI) to plan, develop, implement, and conduct research projects at the Munroe-Meyer Institute at the University of Nebraska Medical Center. The Blackford lab's research is focused on understanding the neural basis of anxiety and the role of anxiety neurocircuitry in psychiatric and neurodevelopmental disorders. Projects include ongoing NIAAA-funded research in anxiety neurocircuitry in adults with alcohol use disorders, and new studies of anxiety in children. Post-doctoral fellows will have opportunities to advance high-impact research projects in these areas, gain expertise in fellowship/grant/manuscript writing, and hone their critical thinking and presentation skills to prepare for careers in academia. The Blackford lab uses a multi-level and multi-modal approach: we collect measurements across many levels including brain structure and function, physiological stress responses, and behavior. Our long term goal is to use these discoveries to develop new prevention strategies for children at high-risk for developing psychiatric disorders and new treatments for individuals suffering with these disorders. Duties involve research study design, data analyses, and preparation of scholarly products, including peer-reviewed publications, conference abstracts, and extramural grant applications. The postdoctoral research associate is expected to have strong scientific writing skills and excellent communication skills, a good early track record of submitted or published peer-reviewed articles, exceptional organizational skills, ability to work as a team member, and the ability to advise and supervise trainees. Preference will be given to individuals pursuing an academic career who have a strong desire to lead independent projects and publish as a first author.

Required Qualifications:
Ph.D. in an appropriate scientific field (e.g., psychology, neuroscience)

Supplemental Qualifications
1. Proficiency in: experimental design, study implementation, neuroimaging data analysis, and statistical methods.
2. Experience with methods including: functional magnetic resonance imaging, psychophysiology methods (skin conductance and heart rate)
3. Experience with populations including: typically-developing children, children with anxiety disorders, healthy adults, adults with anxiety disorders and/or alcohol use disorders.
5. Experience with programming in languages including Matlab, R, SAS.
6. Experience with development, implementation, and management of clinical/translational research protocols.
7. Broad technical competence; for example, capacity to set-up and troubleshoot laboratory equipment.

Required Documents
   1. C.V.
   2. Cover Letter

Apply at https://unmc.peopleadmin.com/postings/84931 or email JBlackford@unmc.edu with questions.