



Research Assistant Professor
Center for Brain, Biology, and Behavior
University of Nebraska-Lincoln

The University of Nebraska-Lincoln (UNL) Center for Brain, Biology, and Behavior (CB3) is seeking applicants with expertise in fMRI research design and data analysis to engage in co-investigation and consultation with faculty and student researchers conducting fMRI research.

Founded in 2013, CB3 stands as a leading research center committed to making a meaningful impact on human health and society through innovation in neuroscience. CB3 is strategically situated within the University's Memorial Stadium and occupies 30,000 square feet of dedicated research space. Its unique partnership with Nebraska Athletics enables state-of-the-art research in sports medicine and student-athlete health, driven by collaborations with Athletic Medicine and the Nebraska Athletic Performance Laboratory. At the heart of CB3 lies a cutting-edge brain imaging facility and specialized laboratories, fostering innovation through interdisciplinary research in neuroscience. CB3 is an essential part of the University of Nebraska-Lincoln community, serving as a hub where experts from diverse disciplines collaborate to advance neuroscience and benefit society. The community comprises distinguished scientists, engineers, clinicians, and scholars, who all share a common goal: To advance foundational knowledge and discovery in neuroscience, and to translate these insights into novel methods and technologies that promote cognitive function and brain health.

Responsibilities

- Collaborate with experienced fMRI researchers on project development, experimental design, and data analysis.
- Provide guidance and consultation to faculty and student researchers involved in fMRI research.
- Contribute to grant co-investigation and co-authorship activities for dissemination.
- Engage in interdisciplinary collaboration within the vibrant CB3 research environment.

Minimum Required Qualifications

- Ph.D. in Psychology, Neuroscience, or a related field.
- Minimum of three years of experience in fMRI research, including education years.
- Proficiency in fMRI research design, including programming fMRI stimulus delivery paradigms.
- Expertise in fMRI data processing and analysis software (e.g., AFNI, FSL, SPM).
- Co-authorship of scholarly work involving fMRI.
- Excellent communication skills and a track record of contributing to productive fMRI research groups.

Preferred Qualifications

- Five years of experience in fMRI research, including education and postdoctoral involvement.
- Demonstrated ability to integrate fMRI research design and analysis with complementary methodologies (e.g., structural MRI/DTI, EEG/ERP, eye tracking, psychophysiology).
- Proficiency in scripting and programming skills (e.g., R).
- Evidence of independent contributions to fMRI research, including grant writing and publication.

The University of Nebraska-Lincoln (UNL) seeks to achieve a working and learning environment that is open to all people. Diversity is the hallmark of great institutions of learning and has long been one of the strengths of our society. Dignity and respect for all in the UNL community is the responsibility of each individual member of the community. The realization of that responsibility across the campus is critical to UNL's success.

Review of applications will begin May 31, 2024, and continue until the position is filled. To be considered for this position, go to <https://employment.unl.edu>, requisition F_230164. Click "Apply for this Job" and complete the Faculty/Academic Administrative Information form. Applicants will be required to attach a letter of interest, curriculum vitae, and names and contact information for three professional references.

As an EO/AA employer, the University of Nebraska considers qualified applicants for employment without regard to race, color, ethnicity, national origin, sex, pregnancy, sexual orientation, gender identity, religion, disability, age, genetic information, veteran status, marital status, and/or political affiliation. See <https://www.unl.edu/equity/notice-nondiscrimination>.