INSTITUTE FOR HUMAN
NEUROSCIENCE

The Institute for Human Neuroscience at Boys Town National Research Hospital in Omaha invites applications for a Laboratory Director position in Cognitive Neuroscience. For this junior faculty position (Assistant Professor/Research Scientist I), we welcome applications from any area of cognitive neuroscience, including executive function, visual attention, perception, emotion, motor control, memory, and methods-oriented areas, and are especially interested in building our existing research programs in pediatric brain health. Methodological specialty within neuroimaging is open, but ideally the candidate would benefit from our strong existing programs in MEG imaging, multimodal MRI, optically-pumped magnetometry (OPM), and/or neuromodulation, and develop a nationally recognized program focusing on their area of interest. The successful applicant will receive strong financial support for building their research program, including a generous start-up package, and would join a growing group of cognitive neuroscientists, both within the Institute and across campus, using the latest tools in human neuroscience.

Successful candidates will have a PhD, MD, or MD/PhD in neuroscience, psychology, physics, computer science, or related field, with postdoctoral training and an excellent publication record for their career stage. Candidates should also have a sustained record of research in high impact journals and demonstrated ability, or evidence of the potential, to generate extramural funding commensurate with their career stage. Applicants should have the ability and interest to teach graduate courses in cognitive neuroscience, and to mentor PhD students in our growing joint PhD program in Neuroscience with Creighton University.

The 15,000+ square foot Institute for Human Neuroscience is a vibrant research environment with state-of-the-art equipment and ample opportunities for training and trans-disciplinary collaboration. The Institute houses the latest equipment available in the field of noninvasive neuroimaging, including two Neo MEG systems, which are the most advanced MEG units currently available, an NIH S10 supported OPM suite, a 3T Siemens Prisma MRI system, a mock MRI scanner, and a high-performance computing space. The Institute's resources also include state-of-the-art high-definition transcranial direct-current and alternating-current stimulation (HD-tDCS/tACS) equipment, and biomechanical equipment for quantifying human movement physiology. The Institute is also home to the Center for Pediatric Brain Health, which is an NIH P20 Center of Biomedical Research Excellence. The Center for Pediatric Brain Health includes multiple research support mechanisms for junior faculty at Boys Town, including both pilot project funding (approx. $50k direct costs per year) and major research project funding (approx. $175k direct costs per year for 3-4 years).

We expect to hire one junior faculty through the current initiative, with a start date in 2023. Interested applicants should submit a letter detailing current research interests, a list of the applicant's five most important publications, and a curriculum vitae to Dr. Tony Wilson (tony.wilson@boystown.org). Contact information for three references will be requested at a later time. **Review of applications will begin January 15, 2023 and will continue until the position is filled.** Individuals from diverse backgrounds are especially encouraged to apply.

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