Post-doctoral Research Position -Sensory Neurophysiology in Autism
University of Rochester School of Medicine and Dentistry, Rochester, NY
Department of Neuroscience

A post-doctoral position is available at the University of Rochester Medical Center (URMC) in the Spectrum Brain Lab, led by Dr. Emily Knight (https://www.urmc.rochester.edu/labs/spectrum-brain-lab).

The position will focus on sensory neurophysiology and attention in autism spectrum disorder (ASD) and related conditions. Research in the lab integrates electroencephalography (EEG), psychophysics, and novel technologies such as virtual reality to study how children and adults process sensory information in naturalistic environments.

The Spectrum Brain Lab offers a collaborative and interdisciplinary training environment at the intersection of neuroscience, engineering, and clinical research. Postdoctoral researchers will have opportunities to develop independent research projects, gain expertise in advanced data analysis, and engage in career development activities across the URMC neuroscience and autism research communities.

We seek motivated, creative candidates with a recent PhD or MD/PhD in neuroscience, biomedical engineering, computer science, cognitive psychology, or a related field. Experience with EEG or other neurophysiological methods, human participant research, and/or sensory or cognitive neuroscience is strongly preferred. Candidates must have strong coding (e.g., Python, MATLAB, or Unity/C#) and data analytics skills, with experience in signal processing preferred. Candidates must have at least one first-author publication, be independently motivated, and have excellent written and oral communication skills. URMC has a 5-year limit on postdoctoral tenure, and preference will be given to recent graduates.

About Us: The Spectrum Brain Lab is located within the University of Rochester Medical Center in Rochester, NY — a nationally ranked medical institution with outstanding core facilities, a vibrant research community, and a strong institutional commitment to supporting postdoctoral career development. Rochester offers a highly livable community with world-class outdoor activities, a strong cultural environment, and an affordable cost of living.

The University of Rochester is committed to fostering, cultivating, and preserving an inclusive and welcoming culture to advance the University's Mission to Learn, Discover, Heal, Create – and Make the World Ever Better. In support of our values and those of our society, the University is committed to not discriminating on the basis of age, color, disability, ethnicity, gender identity or expression, genetic information, marital status, military/veteran status, national origin, race, religion, creed, sex, sexual orientation, citizenship status, or any other characteristic protected by federal, state, or local law (Protected Characteristics). This commitment extends to non-discrimination in the administration of our policies, admissions, employment, access, and recruitment of candidates, for all persons consistent with our values and based on applicable law.

The pay range of $56,484 – $68,604 represents the minimum and maximum compensation for this job and follows NIH guidelines for postdoctoral stipends. Individual annual salaries/hourly rates will be set within the job's compensation range and determined by factors including, but not limited to, market data, education, experience, qualifications, expertise of the individual, and internal equity considerations.

Contact: Interested applicants should submit (1) a cover letter, (2) a brief statement of research interests, (3) a complete curriculum vitae, and (4) contact information for three references to Dr. Emily Knight (emilyj_knight@urmc.rochester.edu).

Timeline: Review of applications will begin immediately and continue until the position is filled.