

Postdoctoral Associate Positions in Decision Neuroscience and/or Computational Psychiatry

Fralin Biomedical Research Institute at Virginia Tech Carilion
Roanoke, Virginia

Multiple openings are available immediately in the labs of Dr. Pearl Chiu and Dr. Brooks King-Casas at the Fralin Biomedical Research Institute at Virginia Tech Carilion (<http://research.vtc.vt.edu/>). Projects in the labs use a variety of human neuroscience methods (fMRI, electrochemistry, MEG) to examine motivated behavior and social influences on decision-making with additional methods adapted from behavioral & computational neuroscience, experimental economics, computational psychiatry, and psychology. Ongoing projects focus on processes in individuals with and without psychopathology. Qualified candidates with basic science backgrounds are welcome, and training in applied science will be provided; a subset of projects also involve multi-dimensional biomarker development. For interested candidates, the labs provide plentiful opportunities to examine how neurobehavioral anomalies may be quantified and rehabilitated in depression, substance dependence, post-traumatic stress, personality disorders, and at-risk adolescents.

The labs are located in the Fralin Biomedical Research Institute at Virginia Tech Carilion in Roanoke, VA, just off the Blue Ridge Parkway. The FBRI provides full access to outstanding infrastructure, including three research-dedicated Siemens 3T scanners and a high-throughput computing cluster. The successful candidate will play a lead role in highly collaborative multidisciplinary scientific efforts.

Minimum requirements for the position include: 1) a PhD in computational or cognitive neuroscience, engineering, psychology, experimental economics, or a related field; 2) facility with computational neuroscience, signal processing, Bayesian inference, or machine learning; and 3) demonstrated potential for excellence.

Please forward a statement of interest and CV. Three letters of recommendation will be required of candidates under final consideration. Consideration of applications will begin immediately and will end when the positions are filled. Salary is competitive and will be commensurate with experience and qualifications. Virginia Tech Carilion is an Affirmative Action/Equal Opportunity employer and is committed to cultural diversity and compliance with the Americans with Disabilities Act.

Send inquiries and materials to:

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