A Postdoctoral Fellow position is available in the George Washington University Institute for Neuroscience and Department of Pharmacology and Physiology

Description: A Postdoctoral Fellow position is available for a highly motivated individual in The George Washington University Institute for Neuroscience and Department of Pharmacology and Physiology. The position is within an integrative physiology and behavioral neurosciences laboratory that is focused on understanding how stress and anxiety related disorders (i.e., post-traumatic stress disorder) contribute to increased cardiovascular disease risk. Using multi-disciplinary approaches, we investigate integrative (i.e., neuroimmune) mechanisms related to the brain neurocircuitry involved in cardiovascular autonomic and fear/stress regulation. We have a particular interest in the renin angiotensin system and its role in the development of cardiovascular and anxiety related diseases. The laboratory utilizes a variety of novel transgenic mouse models and state of the art cardiovascular, behavioral and immunological interdisciplinary approaches.

Applicant: We seek an individual with PhD biomedical sciences with strong background and expertise in the related field of cardiovascular physiology / immunology / behavioral neurosciences. Expertise in whole animal physiology, immunology, including flow cytometry, animal behavior and surgery are highly desirable. Expertise with basic techniques utilizing DNA, RNA, protein, tissue / cell culture and immunostaining / histology are also desired. The successful applicant duties will include but are not limited to organizing and implementing research plans, the development of new methods, testing, data collection, analysis, interpretation of data, writing grant proposals and preparing manuscripts for publication. The successful candidate will also have the opportunity for mentoring graduate and undergraduate students and applying for career development awards. The candidate will be expected to possess excellent communication skills and present their research findings on a regular basis to both peers within the department and at national and international meetings.

Please provide a cover letter with a brief description of your current research, CV and contact information for 3 references to pmarvar@gwu.edu

More info: http://smhs.gwu.edu/neuroscience/positions

Potential Start Date: Fall 2018-19

Contact: Paul J. Marvar, Ph.D.
Assistant Professor
Department of Pharmacology & Physiology
Department of Psychiatry and Behavioral Sciences
GW Institute for Neuroscience
The George Washington University
2300 Eye St., NW,
Washington, DC 20037
Ross Hall 457
pmarvar@gwu.edu
(202) 994-5584