**Description:** Assistant Professor (grant-supported, term track) and Postdoctoral Associate (grant-supported) positions are available for talented scientists to be part of ongoing exciting arrhythmia and heart failure projects directed by Faculty within the Pauley Heart Center and the Department of Physiology & Biophysics, Virginia Commonwealth University School of Medicine, in Richmond, VA. The selected individuals will work with a multidisciplinary team including clinical cardiologists, electrophysiologists, and cellular and molecular cardiologists. Term Assistant Professors who develop appropriate independence and a track-record of funding and publications can be considered for transfer to the tenure track.

Our laboratory’s translational studies integrate molecular, cellular and whole organ system function to understanding chronic effects of ventricular ectopy and how premature ventricular contraction (PVC) induce cardiomyopathy. By characterizing underlying mechanism(s), we hope to identify strategies to prevent and reverse PVC-induced cardiomyopathy. We plan to expand studies involving RNA sequencing.

**Applicant:** We seek strong candidates with training in molecular cardiology research on disease models with expertise utilizing DNA, RNA, proteins, tissue/cell culture, immunostaining/histology and a strong publication record. Candidates must have a Ph.D. and experience in cardiovascular physiology, biochemistry, biophysics, or other relevant fields. Knowledge in proteomics and microRNA biology, bioinformatics, and electron microscopy are also desired. We require excellent communication, presentation, and writing skills to present findings at internal, national and international meetings, and submit original publications.

The successful candidates’ 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, and preparing manuscripts for publication. The successful faculty candidate will have the opportunity for mentoring graduate and undergraduate students and applying for career development and other research awards.

Interested Assistant Professor candidates should apply at https://www.vcujobs.com/postings/77868
Interested Postdoctoral Associate candidates should apply at https://www.vcujobs.com/postings/81824
Submit a cover letter, curriculum vitae, and three reference letters.

**Potential Start Date: Summer/Fall 2018**

Demonstrated experience working in and fostering a diverse faculty, staff, and student environment or commitment to do so as a faculty member at VCU is required. Virginia Commonwealth University is an equal opportunity, affirmative action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply.