**Description:** An Assistant Professor appointment (grant-supported, term track) is available for a talented scientist to be part of ongoing exciting 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 individual will work with a multidisciplinary team including clinical cardiologists, electrophysiologists, and cellular and molecular cardiologists. Individuals 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 a strong candidate with training in molecular cardiology, post-doctoral experience emphasizing proteomics and microRNA biology, and a strong publication record. Candidates must have a Ph.D. and experience in physiology, biophysics, or other relevant fields. Knowledge in bioinformatics is preferred. Expertise with basic techniques utilizing DNA, RNA, proteins, tissue/cell culture and immunostaining/histology 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 candidate’s 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 have the opportunity for mentoring graduate and undergraduate students and applying for career development awards.


**Potential Start Date: Summer 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.