The Department of Physiology and Biophysics at Case Western Reserve University School of Medicine seeks a qualified candidate to fill a faculty position at the rank of Instructor. This is a non-tenure track position, and the majority of time will be spent on cardiovascular and metabolic research and teaching.

**Responsibilities and Duties:**

The candidate will be expected to conduct and oversee whole animal studies that employ survival surgical procedures, chronic invasive and noninvasive biological sampling techniques, and whole animal activity measures, to investigate in vivo regulation of cardiac contractile and hemodynamic function and the mechanisms by which cells regulate their intracellular pH. The successful applicant should have a strong background in mitochondrial biology and be proficient in (1) measuring metabolic and biochemical changes due to altered pH; (2) have the aptitude to learn techniques to measure cardiac function including noninvasive cardiac imaging (ultrasound), and invasive ventricular catheterization; (3) have the ability to direct and supervise a team of technicians and research associates, and (4) have the aptitude to teach cardiovascular physiology, metabolism, and biochemistry.

**Minimum Qualifications:**

Applicants must have a Ph.D. in Physiology, Pharmacology, or related disciplines, with (1) at least five years’ of postdoctoral experience in cardiovascular physiology, measurement of in vivo cardiac function, cardiac metabolism, and rodent models of heart failure. (2) a strong record of scholarly activity; (3) experience in formal teaching; (4) excellent organizational and leadership skills.

**How to Apply:**

Review of Applicants will begin after October 1, 2018. Interested parties should send a letter of application, curriculum vitae, and three letters of recommendation to: mxs86@case.edu.

In employment, as in education, Case Western Reserve University is committed to Equal Opportunity and Diversity. Women, veterans, members of underrepresented minority groups, and individuals with disabilities are encouraged to apply.

Case Western Reserve University provides reasonable accommodation for any part of the application and hiring process should contact the Office of Inclusion, Diversity and Equal Opportunity at (216) 368-8877 to request a reasonable accommodation. Determinations as to granting reasonable accommodations for any applicant will be made on a case-by-case basis.