Doctoral research/teaching assistantships

Temple University, Department of Kinesiology

1-2 PhD research/teaching assistantship positions are available in the Department of Kinesiology at Temple University for motivated students. Qualified students will work towards their doctoral degree in Integrative Exercise Physiology under the supervision of Dr. Matt Hudson.

The Integrative Muscle Physiology Lab is looking for candidates with a research background or strong interest in skeletal muscle biology. Specifically, ideal candidates will have a background or interest in learning cell culture models, rodent models, qPCR, western blot, immunohistochemistry (muscle fiber typing/size), extracellular vesicle isolation, and/or isolated muscle fiber/bundle contractile function analysis. Currently projects in the lab include investigating the role of microRNAs and extracellular vesicles in the progression of muscle atrophy, and the use of circulating extracellular vesicles as potential biomarkers of different pathological conditions.

Master’s degree and/or background in Exercise Physiology or similar field is strongly preferred. In addition to research, responsibilities include teaching of core undergraduate labs in Human Anatomy/Physiology and Exercise Physiology.

Interested applicant should send a cover letter (1 page), CV, and any supporting documents to Dr. Matt Hudson (mbhudson@temple.edu). Review of applications will begin immediately, and positions may available as soon as the start of summer 2016. For further information or any questions please feel free to contact Dr. Hudson.

Matthew B. Hudson, Ph.D.
Assistant Professor
PI, Integrative Muscle Physiology Lab
Department of Kinesiology
College of Public Health
Temple University
Philadelphia, PA, USA
email: mbhudson@temple.edu