PhD Student in Cardiovascular Physiology

A Full Time Graduate Research Assistantship for a Ph.D. student is available in the laboratory of Dr. Michelle Parvatiyar in the Department of Nutrition, Food, and Exercise Sciences at Florida State University beginning in August of 2020. The student will pursue a doctoral degree in the Exercise Physiology concentration (https://humansciences.fsu.edu/nutrition-food-exercise-sciences/students/graduate-programs/doctoral/exercise-physiology/). The research focus of the lab is to determine mechanisms underlying development of cardiometabolic disease and obesity and delineate the role of inflammation in impairing communication between adipocytes and cardiomyocytes. Studies will primarily utilize genetic mouse models and cellular studies, and assessment of pharmacologic, nutritional, and exercise interventions. The student will receive training in cardiovascular physiology including echocardiography, hemodynamic pressure-volume analysis as well as immunology and molecular biology techniques including but not limited to western blotting, ELISA, qRT-PCR and immunohistochemistry. The student will also receive training in grant writing, publications, presenting, and will have the opportunity to mentor undergraduate students in research. The student will be expected to take advantage of a rich array of professional development opportunities through the FSU graduate school (https://gradschool.fsu.edu/).

This position includes a stipend of $25,000/year, tuition waiver, and health insurance benefits. Applicants with a research-oriented Master’s degree in Physiology, Kinesiology, Molecular Biology, or related field are preferred. Exceptional undergraduate students with significant research experience may apply to the Master’s program with an opportunity to bypass to the PhD program after one year. Excellent communication skills (written/spoken English) are required.

If Interested: Email transcripts, GRE scores, CV, contact information for 3 professional references, and a ~1 page statement describing your research background, future goals, and interest in the position to mparvatiyar@fsu.edu by February 15th, 2020.