



GRADUATE RESEARCH ASSISTANTSHIP (MASTERS)

Department of Health and Sport Sciences
University of Memphis

A Master's level assistantship is available for a talented, hard-working, motivated student starting in August 2015, in the Exercise Biochemistry and Molecular Biology Laboratory at the University of Memphis. Highly qualified applicants will have excellent academic potential and experience/interest in conducting animal and cellular based research.

A full waiver of tuition and fees (both in-state and out of state) will be provided with the assistantship, in addition to a monthly stipend. Students can expect to work approximately 20 hour per week, while completing coursework towards their Master of Science degree (Exercise Science or Nutrition Science; 36 credit hour programs, including thesis hours). Opportunities for summer research or teaching may be available, with additional funding provided.

Students can expect to be involved in all aspects of basic science research, with a particular focus on muscle physiology. The goal of our laboratory is to identify novel endogenous factors associated chronic disease and determine the mechanisms by which such factors contribute to muscle dysfunction using a variety of biochemical and cellular approaches. Specifically, we are focused on the mechanisms responsible for cardiovascular disease (CVD) induced by renal injury. Furthermore, we are working to determine the benefits that exercise may have in reducing CVD during uremia.

In addition to work in my laboratory, students will also have the opportunity to be exposed to human subject research that is ongoing in the department. Upon completion of the program, students should be well-prepared to enter advanced graduate study in their area of choice (e.g. MD, PhD).

HSS application information and materials can be found here:

<http://www.memphis.edu/hss/hss-graduate-admissions.htm>

HSS research information can be found here:

<http://www.memphis.edu/hss/research.htm>

Additional information on HSS graduate programs can be found here:

<http://www.memphis.edu/hss/programs.htm>

Interested students should contact Dr. Chad Touchberry as soon as possible at:

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