

Faculty Member Contact Information

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Description of the URCA Assistant Position


This posting includes one funded position. In addition, the faculty member may be willing to mentor additional, unfunded students.


How many unfunded students is this professor taking in addition to his/her one funded student? 0


(Students, if the faculty member will have both funded and unfunded students, he or she is free to select which student receives the funding. Funding cannot be split up between multiple students; only one student will receive it.)

Which of the following apply to this position?

This position is **only** open to students who have declared a major in this discipline. **M**

This project deals with social justice issues. 

This project deals with sustainability (green) issues. 

This project deals with human health and wellness issues. 

How many hours per week will your student(s) be required to work in this position? 10

(Minimum is 6 hours per week; typical is 9.)

Will it be possible for your student(s) to earn course credit? Yes No

If yes, in which course? Internship

If yes, for how many credit hours? 3

Location of research/creative activities: Exercise Physiology Laboratory

Brief description of the nature of the research/creative activity:

Student will have the opportunity to participate in cardiopulmonary testing with obese adults. The student will stratify risk, calibrate instruments, lead maximal and or sub-maximal graded exercise tests, organize and interpret results. Student will also be asked to prepare blood samples for long term storage and eventual RIA analysis. Once subject data collection is complete, the URCA student will assist Dr. Herrick in biochemical analysis of hormones associated with appetite regulation.

Brief description of student responsibilities:

My student will be responsible for recruiting subjects, scheduling assessments in the lab, preparing blood samples, collecting data (XCEL) and organize data base, run SPSS analysis (with help from mentor), prepare abstract of results and conclusions for oral presentation.

URCA Assistant positions are designed to provide students with *research or creative activities* experience. As such, there should be measurable, appropriate outcome goals. What exactly should your student(s) have learned by the end of this experience?

At the end of the students tenure in my lab, I would expect the student to have a firm understanding of clinical exercise testing, the scientific method of inquiry, and similarity with the content under investigation within the project.

Requirements of Students

If the position(s) require students to be available at certain times each week (as opposed to them being able to set their own hours), please indicate all required days and times:

Students must have most if not all of their mornings available. The bulk of the data collection will be between 6-11 am. With occasional afternoon meetings.

If the location of the research/creative activities involves off campus work, must students provide their own transportation?

All activities will be in the Exercise Physiology Laboratory within the Vadalabene Center.

Must students have taken any prerequisite classes? Please list classes and preferred grades:

Students must have complete KIN 350 Exercise Physiology, and KIN 416 Exercise Assessment and Prescription

Other requirements or notes to applicants:

Familiarity with XCEL would be a benefit.