

Faculty Member Contact Information

Name	Joshua Wooten
Contact Info	
SIUE Email	jwooten@siue.edu
Campus Box	1126
Department	Exercise, Sport, and Nutrition Sciences

1 Funded, 2-3 Unfunded URCA Assistant

	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.	
X	This project deals with human health and wellness issues.	
	This project deals with community outreach.	
	This mentor's project is interdisciplinary in nature.	I

Are you willing to work with students from outside of your discipline? If yes, which other disciplines?

Yes

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

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

9

Will it be possible for your student(s) to earn course credit?

Independent Study (e.g., KIN 499) 1-3 credit hours

Location of research/creative activities:

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

The students will have the opportunity to work with me and the laboratory research team in one of two on-going research agendas:

#1 Conducting audits and systematic reviews of the literature to evaluate bias against female athletes in sport with regards to training, injury treatment, and return-to-play strategies.

#2 Monitoring in-season and off-season psychological and physiological factors on female athletic performance and sport-related injury.

#3 Using wearable technologies, determine the relationship between tracking and physiological data with athletic performance outcomes (i.e., training and game outcomes, injury, and return-to-play).

Brief description of student responsibilities?

Student responsibilities will include (but not limited to): conducting literature reviews, developing Qualtrics surveys, basic statistical analyses, and assist in abstract and manuscript preparation. All student activities will be performed under the guidance of Dr. Wooten and in collaboration with other faculty and staff in the Departments of Exercise, Sport, and Nutrition Sciences and Athletics.

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 completion of the semester, the student should feel confident in their ability to read and interpret peer-reviewed literature, basic statistical analysis, and be able to communicate and discuss scientific findings relating to our current research projects (e.g., poster presentations at local, regional, or national venues). Students will be directly involved in interdisciplinary research and will be exposed to a variety of research initiatives beyond the research in our laboratory.

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:

Due to the nature of the work in our laboratory, students will have the flexibility to perform laboratory work based on their own availability. In addition, weekly laboratory meetings will be required of the URCA or volunteers. During these meetings we wi

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

Not applicable.

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

Prior to starting as a research assistant, students will be required to complete CITI training for human research. Preference will be given to students with a strong desire to learn, as well as students seeking graduate studies in exercise physiology, psy

Other requirements or notes to applicants:

A strong work ethic, positive attitude, and sense of humor are strongly encouraged to be compatible with the current laboratory team. Previous experiences and coursework in exercise science are appreciated but not necessary for this position. All laboratory techniques and skills required will be taught to new applicants by Dr. Wooten and research assistants.