





Faculty Member Contact Information

Name	Dr. Anne Werner
Contact Info	
SIUE Email	awerner@siue.edu
Campus Box	1803
Department	Construction

1 Funded, 2 Unfunded URCA Assistants

	This position is ONLY open to students who have declared a major in this discipline.	M
	This project deals with social justice issues.	
X	This project deals with sustainability (green) issues.	
	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?

- Only similar fields

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)

- 6 hours

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

- No

Location of research/creative activities:

- EB0028

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

This research project involves investigating the effect of various admixtures to portland cement based cement and concrete. Fresh and hardened properties will be determined.

Brief description of student responsibilities?

Student will be batching, mixing and placing mortars and concretes containing various admixtures. Students may also perform strength and material property tests on specimens. Students will follow ASTM Standard testing procedures.

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?

Students will learn how to conduct various ASTM Standard tests for aggregate, cement, mortar, and concrete. Students will learn how to conduct compressive and flexural tests on specimens. Students will learn about the behavior of portland cement mortar and concrete.

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:

- N/A

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

- N/A

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

- No, but if they have taken chemistry that would be helpful but not required.

Other requirements or notes to applicants:

- N/A