

### Faculty Member Contact Information

**Name:** Thomas Foster

**Department:** Physics

**E-mail Address:** tfoster@siue.edu

**Phone Number:** 618-650-3049

**Campus Box:** 1654



### 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?**   2  

(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?**   9  

(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?** Phys 398

**If yes, for how many credit hours?** 3

**Location of research/creative activities:** Science Building Classrooms

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

The student will provide support on a project looking at mathematical skills.

**Brief description of student responsibilities:**

Conduct data entry and statistical analysis; Scientific poster creation; Learning to write a literature review.

**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 semester, my assistant should be competent in using excel, understanding simple statistics, finding scholarly articles, and presenting results according to scientific norms.

### 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:**

We will set hours to meet according to both our schedules.

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

On campus work

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

Math 120 or higher

**Other requirements or notes to applicants:**

Statistical knowledge a plus, but not required.