

### 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?** 4

(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?** 8

(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?** BIOL 491 or 493

**If yes, for how many credit hours?** 1-3

**Location of research/creative activities:** on campus green roofs

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

each student will take charge of a green roof or green wall research project.

### **Brief description of student responsibilities:**

Students will collect performance data (runoff data, thermal data, plant performance data) from green roof and green wall systems on campus and other local installations.

**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 URCA students will have worked with a team on new, unique environmental solutions.

### 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?**

If we go off-campus, students can carpool.

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

Some knowledge of biology and chemistry is helpful.

### **Other requirements or notes to applicants:**

Must be OK with heights and able to climb ladders and work outside on the roof (and other field locations).