

### **Faculty Member Contact Information**

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### **1 Unfunded URCA Assistant(s)**

**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)

- 8h/week

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

- No

**Location of research/creative activities:**

- Research lab on campus in new Health Science Building, new labs.

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

- Hands on lab research. Study cancer cells and effects of new cancer drugs. Will be involved in one or more of the following: use plate readers, cell culture, flow cytometer, microscope, learn image analysis, data analysis, western blot. Learn basic calculations.

**Brief description of student responsibilities?**

- Perform research in the field of cancer. Work in lab for 8 hours per week. Attend lab meetings with group and URCA mentor.

**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?**

- Will have first hand exposure to the area of drug discovery and cancer research. Will understand basic approaches in lab problem solving.

### **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:**

- Flexible, 8 hours total every week.

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

- On SIUE campus in the new labs in the Health Sciences Building. .

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

- Biology and chemistry courses, with lab components.

**Other requirements or notes to applicants:**

- Have enthusiasm for lab research!