





### Faculty Member Contact Information

<b>Name</b>	Joseph Schober
<b>Contact Info</b>	
SIUE Email	joschob@siue.edu
Campus Box	2000
<b>Department</b>	Pharmaceutical Sciences

### **1 Funded, Unfunded URCA Assistant**

	This position is <b>ONLY</b> open to students who have declared a major in this discipline.	<b>M</b>
	This project deals with social justice issues.	
	This project deals with sustainability (green) issues.	
<b>X</b>	This project deals with human health and wellness issues.	
	This project deals with community outreach.	
	This mentor's project is interdisciplinary in nature.	<b>I</b>

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

No

**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)

10

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

**Location of research/creative activities:**

The new SIUE Health Sciences Building

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

Hands-on lab research aimed at creation and testing new compounds for the treatment of cancer.

**Brief description of student responsibilities?**

Synthesizing new compounds in a medicinal chemistry lab and must have knowledge of organic chemistry or knowledge of cell and molecular biology and performing biochemical and cell-based assays. Will collect, analyze and present data to mentor(s).

**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?**

The will learn details about drug discovery research.

**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:**

Requires 10 hrs hands-on, lab work per week M-F within 9-5 PM.

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

Work is on campus.

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

Organic Chem, Biochemistry, Cell and Molecular Biology or related courses.

**Other requirements or notes to applicants:**