## Faculty Member Contact Information

<table>
<thead>
<tr>
<th>Name</th>
<th>Dr. Thomas Foster</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Info</td>
<td></td>
</tr>
<tr>
<td>SIUE Email</td>
<td><a href="mailto:tfoster@siue.edu">tfoster@siue.edu</a></td>
</tr>
<tr>
<td>Campus Box</td>
<td>1654</td>
</tr>
<tr>
<td>Department</td>
<td>Physics</td>
</tr>
</tbody>
</table>

## 1 Funded, 3 Unfunded URCA Assistant

<table>
<thead>
<tr>
<th>M</th>
<th>This position is <strong>ONLY</strong> open to students who have declared a major in this discipline.</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>This project deals with social justice issues.</td>
</tr>
<tr>
<td></td>
<td>This project deals with sustainability (green) issues.</td>
</tr>
<tr>
<td></td>
<td>This project deals with human health and wellness issues.</td>
</tr>
<tr>
<td></td>
<td>This project deals with community outreach.</td>
</tr>
<tr>
<td>X</td>
<td>This mentor’s project is interdisciplinary in nature.</td>
</tr>
</tbody>
</table>

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

- Yes, Psychology, Anthropology, and Economics

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?

- Yes, PHYS 498 (0-3 credit hours)
Location of research/creative activities:
- SIUE campus

Brief description of the nature of the research/creative activity?
I'd like to determine how many students have their own calculator at SIUE. Calculators are a measure of the digital divide in this country and specifically at SIUE. We will design a Qualtrics survey and/or gather information from SIUE sources.

Brief description of student responsibilities?
IRB Human Subjects Training
Searching for literature on the Digital Divide
Probable learning of Qualtrics
Probable working with SIUE administration
Using statistical descriptive and analysis tools

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?
IRB/Human Subjects certified
How to assemble a literature review
Gain confidence in their knowledge of statistics

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:
- No specific time

If the location of the research/creative activities involves off campus work, must students provide their own transportation?
- Work should be mostly on campus
Must students have taken any prerequisite classes? Please list classes and preferred grades:

- I require my students to have completed the Foundation courses and have earned at least a B in each

Other requirements or notes to applicants:

- N/A