





Faculty Member Contact Information

Name	Dr. Barbara Martin
Contact Info	
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Department	Teaching and Learning

1 Funded URCA Assistant

	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.	
	This project deals with community outreach.	
	This mentor's project is interdisciplinary in nature.	I

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

- I am open to taking students outside of my discipline, but only those in similar fields.

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

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

- No

Location of research/creative activities:

- Remote

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

This URCA position would be examining the current research and literature on technology integration in elementary math methods as well as quantitatively and qualitatively analyzing data to draw conclusions on a technology integration project from the elementary math methods course. We will also talk about research methods, processes for submitting presentations and manuscripts for publication

Brief description of student responsibilities?

The URCA student will be responsible for reading current research and literature on technology integration (TPACK) in elementary math methods, adding to a developed, cumulative, annotated bibliography, qualitatively analyzing data, creating graphs, drawing conclusions and potentially presenting at SIUE senior showcase as well as local area conferences. All of these responsibilities will be expected with significant guided faculty support and guidance.

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?

How to effectively conduct a literature review, quantitatively and qualitatively code and analyze data, create graphs, draw conclusions from data, create a professional poster, present to a large campus audience the findings and local area conference, submit and revise manuscripts to professional journals.

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:

- Times are flexible. I'd like to meet on campus weekly or via phone for 30mins for progress updates and goal setting but research is done independently at your own location.

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

- no off campus work

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

- No prerequisite classes but strength in having taken Elementary Ed courses

Other requirements or notes to applicants:

- None