






Faculty Member Contact Information

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Contact Info	
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Department	Applied Health

1 Funded, 1 Unfunded URCA Assistant

X	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.	

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)

- 9 hours

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

- No

Location of research/creative activities:

- Speech-Language Pathology & Audiology Research Lab, AH 3407; some work can also be done off campus optionally

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

This research project is related to the scholarship of teaching and learning (SOTL) for phonetics, a required and vital topic / class for students in the field of communication disorders. The aim of the research is to add to the research on this area, which in turn can improve the education and learning outcomes in this field for students at SIUE and other universities. The long-term goal of this research project is to a) compile a current literature review on this topic b) design and implement new studies to add to the body of knowledge on the subject and c) submit manuscript(s) for presentation at conferences and/or publication in peer-reviewed journals. Specific student responsibilities will directly support these long-term goals.

Brief description of student responsibilities?

Students in this semester will be primarily working on a literature review: while there is a robust body of literature on the scholarship of teaching and learning (SOTL), there is less on the best practices for phonetics, a subfield of speech-language pathology and audiology (otherwise often referred to as communication disorders) and linguistics. Phonetics is a particularly challenging course for students in these fields due to the amount of new information covered, the amount of information that must be "unlearned," such as English spelling conventions versus how English speakers actually pronounce words, and the ability to accurately read and transcribe speech in the International Phonetic Alphabet. Due to these challenges, phonetics may be a roadblock or deterrent to students who would otherwise have interest and/or succeed in the fields of communication disorders and linguistics. This makes the SOTL for phonetics especially valuable and increases the relevance of research in this area.

In summary, part of the research experience will be to develop a literature review of the scholarship of teaching and learning for phonetics, with the goal of designing future studies to fill the gaps in the current literature and eventually improving the learning experience of students in this kind of course.

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?

Outcome #1: learn how to access and navigate peer-reviewed journals to establish a body of knowledge on a specific subject.

Outcome #2: learn how to read / digest information from peer-reviewed journals that is written for fellow experts in the field, rather than for the layperson.

Outcome #3: draft a literature review section of a manuscript for presentation/publication on the SOTL of phonetics.

Outcome #4: begin the process of designing a quantitative and/or qualitative study to fill in gaps in the literature on the SOTL of phonetics for eventual conference presentation(s) and publication(s) in peer-reviewed 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:

- The time/dates that students will work weekly are flexible for this project and can be done from home as well as on campus.

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

- N/A

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

- Students are not required to have taken a course in phonetics previously (e.g. SPPA 231 at this university) but may find it easier to work with the literature if they have already done so.

Other requirements or notes to applicants:

- N/A