





Faculty Member Contact Information

Name	Dr. Kira Hamann
Contact Info	
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Department	Teaching & Learning

1 Funded, 1 Unfunded 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)

- 7-8

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

- No

Location of research/creative activities:

- Founders Hall (room TBD)

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

Dr. Alli Sauerwein and I have been conducting IRB-approved research this semester to examine student learning outcomes that result from a semester-long partnership between Speech-Language Pathology graduate students and Early Childhood Education on-campus senior-level students at SIUE. We have been collecting data from these student participants in the form of pre-experience and post-experience concept maps from both the ECE senior-level teacher candidates and the SLP graduate Year 1 students. By the semester's end, we will have collected completed concept maps showing both time samples on them. In SP24, work related to the project will be to analyze these concept maps both quantitatively and qualitatively. Quantitative analyses will determine the number of concepts and relationships among the concepts represented in students' concept maps. Qualitative analyses will explore patterns among the concepts included in the concept maps.

Brief description of student responsibilities?

The responsibilities of an URCA student for this project will be to support Dr. Sauerwein and me in conducting these analyses. We envision bi-monthly meetings as a whole team and weekly meetings with one of the two of us during the URCA student's work hours and analysis homework based on each meeting. Quantitative analyses will determine the number of concepts, hierarchies, and relationships included within each student's concept maps. These frequency counts will be used to calculate network density, which represents the depths of the students' thinking. Thematic analysis will be used to analyze the data qualitatively. We will compare, contrast, and group the concepts and terms included on the concept maps to reveal patterns of student learning across student participants. Our URCA student would be a part of the research team conducting this research.

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?

This is a scholarship of teaching and learning project. By the end of this experience, our URCA student(s) working on this research will gain quantitative and qualitative research experience related to the fields of speech-language pathology and early childhood education, as well as insights into the findings that we are also excited to uncover. The benefits of mentorship, support, and collaboration are what we hope to additionally offer our URCA student(s) by participating in this project with us.

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:

- I can only select students who can be available on Tuesdays, Thursdays, and/or occasionally on Fridays. We will set one 1-hour weekly meeting each week at a time that works for our team on these days. Selected students can then set their own hours outside of this each week.

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

- n/a; no off campus work is necessary

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

- n/

Other requirements or notes to applicants:

- This position is for someone interested in learning more about the fields of speech-language pathology and/or early childhood education, and/or partnerships between them and/or someone interested in gaining research analysis practice