






**Faculty Member Contact Information**

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<b>Contact Info</b>	
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<b>Department</b>	Applied Health

**1 Funded, 2 Unfunded URCA Assistants**

<b>X</b>	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.	

**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)

- 6-9 hours

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

- No

**Location of research/creative activities:**

- Hybrid: some work in FH 3407, some remote work

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

The URCA assistant will work on two research projects, which are the scholarship of teaching and learning (SoTL) studies. SoTL research aims to improve teaching and learning at the university level. Therefore, Dr. Sauerwein's studies described below are designed to investigate how undergraduate and graduate students in Speech-Language Pathology and Audiology learn and how faculty can teach and mentor them at the university level—both in the classroom and in clinical practica.

**Brief description of student responsibilities?**

Project 1: This project involves thematic qualitative data analysis. The URCA assistant will continue the work of Dr. Sauerwein's Spring 2024 URCA assistant, who developed a codebook of themes found in interview transcripts. In Fall 2024, the URCA assistant will use the established codebook to complete qualitative coding of 12 interview transcripts. The student will draft portions of the Methods and Results section for a manuscript for submission to the journal *Teaching and Learning in Communication Sciences & Disorders*. Dr. Sauerwein will provide feedback on the manuscript draft.

Project 2: This project involves the opportunity to design a research study. Dr. Sauerwein is currently working to incorporate Artificial Intelligence (AI; ChatGPT) into her graduate SPPA courses so that students can learn to leverage AI in their clinical work as speech-language pathologists. The URCA assistant will complete a literature review related to AI and speech-language pathology. They will then assist Dr. Sauerwein in conceptualizing a SoTL research study about using AI in graduate SPPA coursework and preparing a research proposal for Institutional Review Board approval.

**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 student will learn about and practice qualitative research methods, particularly using a codebook to analyze data. (Project 1)

-The student will gain experience collaborating with other researchers (Dr. Sauerwein and another student research assistant) to reach intercoder agreement. (Project 1)

-The student will gain experience with using qualitative (NVivo) data analysis software. (Project 1)

-The student will learn about academic manuscript preparation by drafting methods and results sections and revising drafts using mentor feedback. (Project 1)

-The student will learn about and conduct an academic literature review related to AI and speech-language pathology. (Project 2)

-The student will assist in conceptualizing a SoTL study. (Project 2)

-The student will learn about the Institutional Review Board (IRB) by preparing a research proposal. (Project 2)

### **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:**

- N/A

**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:**

- I require my students to have taken SPPA 101 and have earned at least a B.

**Other requirements or notes to applicants:**

- N/A