





Faculty Member Contact Information

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Contact Info	
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Department	Anthropology

1 Funded, Unfunded URCA Assistant

	This position is ONLY open to students who have declared a major in this discipline.	M
X	This project deals with social justice issues.	
	This project deals with sustainability (green) issues.	
X	This project deals with human health and wellness issues.	
	This project deals with community outreach.	
X	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?

- Yes, my project is truly interdisciplinary, please also mark me as interested in taking students from these areas: Anthropology and/or Biology

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

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

- Yes; 3 credit hours of ANTH 483

Location of research/creative activities:

- Forensic Anthropology and Bioarchaeology Lab (FABL)

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

As one of the few laboratories in the region that can safely and ethically keep and manage human skeletal collections, the Forensic Anthropology and Bioarchaeology Lab (FABL) has recently grown in collections size. Other universities and institutions in the area unable to maintain these collections have transferred these materials to the FABL at SIUE over the last year. Although these materials are an outstanding resource for our students in both class and research, there are always ethical concerns surrounding the lack of provenance of the remains we have received. In order to address these issues, a full documentation and analysis of the remains is vital, which is conducted by student research assistants in the FABL under close guidance. This documentation also includes the 3d scanning of sensitive or fragile remains, a project that has been funded for the Fall 2024 semester through an Excellence in Undergraduate Education (EUE) grant. The student(s) for this project will be inventorying, documenting, photographing, and helping manage these skeletal collections as we process these remains in Spring 2025.

Brief description of student responsibilities?

The student(s) will be responsible for osteological inventory, as well as supervised analysis of information provided by the remains. This project also includes the use of a 3d scanner to produce 3d models of real human bones.

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(s) will gain hands-on, real-world experience in fields related to not only human skeletal analysis, but also curation and collections management. This includes use of digital databases, training in appropriate legal and ethical issues, and the use of 3d photogrammetry.

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 FABL is available for student researcher work Monday to Friday, from 9:00 am to 5:00 pm.

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

- The project is entirely on SIUE campus.

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

- Pre-requisites include classes that involve human skeletal anatomy. These include:
- ANTH 360a: Biological Anthropology
- ANTH 469: Forensic Anthropology Applications (preferred)
- BIOL 240: Human Anatomy and Physiology

Other requirements or notes to applicants:

Students will be required to take online ethical training in osteology, including Native American Graves Protection and Repatriation Act (NAGPRA).