

Faculty Member Contact Information

Name	Corey Ragsdale, PhD
Contact Info	
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Department	Anthropology

1 Funded, 1 Unfunded URCA Assistant(s)

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

- Yes

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, in ANTH 489 Professional Internship for 1-3 credit hours.

Location of research/creative activities:

- Forensic Anthropology and Bioarchaeology Lab (FABL), Peck Hall 0403B

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

- The student will help in the identification, documentation, and long-term preservation of non-human primate skeletal remains. Purchased over 30 years ago, these remains have no origination documentation and have been falling apart over the years due to lack of preservation and storage measures. The remains include some small primates, as well as a juvenile chimpanzee. These materials are used yearly in courses related to evolution, but present ethical and sustainable issues for current and future use. More modern approaches to use with these remains is needed. The remains need to be disarticulated, identified (species, etc.), inventoried, and 3d scanned for further educational and outreach purposes.

Brief description of student responsibilities?

- The student will do the following tasks:
 1. Disarticulate the currently articulated skeletal remains, and remove them from mounts.
 2. Identify the genus, species, and age (if relevant) or each primate, as well as any other important biological features.
 3. Inventory the remains using a digital database for collections.
 4. Use a 3d scanner to digitally document each skeleton, and produce a 3d representation to be stored in the FABL virtual repository.

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 have developed skills in collections management, inventory and documentation, lab protocols and procedures, and the use of 3d digitization of physical materials. The student will have an opportunity to showcase this work at SIUE, regional, and potentially national venues.

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 working hours between 9:00 am and 4:00 pm, Monday through Friday.

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:

- ANTH 360A/B is preferred. Course experience in osteology or anatomy and physiology is required. Familiarity with non-human primates is a bonus.

Other requirements or notes to applicants: