



## **NATIONAL SCIENCE FOUNDATION RESEARCH EXPERIENCE FOR UNDERGRADUATES SITE!!!**

### **EXPLORING EVIDENCE OF THE ANTHROPOCENE: ARCHAEOLOGICAL AND ECOLOGICAL RESEARCH EXPERIENCES IN THE UPPER MISSISSIPPI RIVER SYSTEM**

Spend the summer working alongside researchers in archaeology and ecology. Gain experience conducting field and laboratory research in the Upper Mississippi River System. Earn a weekly stipend of \$500 a week.

Undergraduate students entering their sophomore, junior, or senior years in fall 2018 with interests in archaeology and ecology are encouraged to apply. We specifically seek first generation college students. Applications found at [www.siu.edu/stem/reu.shtml](http://www.siu.edu/stem/reu.shtml)



**Spend the summer  
as a researcher in  
archaeology and  
ecology!**

**Program Dates:  
June 4 – July 27, 2018**

**Location: Southern  
Illinois University  
Edwardsville, Illinois**

**\$500 Weekly  
Stipend**

**Application info  
posted Oct. 16, 2017.**

**Application  
deadline in Jan. 19,  
2018!**

**FOR MORE INFORMATION  
CONTACT:**

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618-650-2361

[http://www.siu.edu/stem/  
eu.shtml](http://www.siu.edu/stem/reu.shtml)



[Southern Illinois University Edwardsville](#) and the [Illinois Natural History Survey](#), University of Illinois Urbana-Champaign, announce the second year of a National Science Foundation Research Experience for Undergraduates (REU) site, *Exploring Evidence of the Anthropocene: Archaeological and Ecological Interdisciplinary Research Experiences for First Generation Students in the Upper Mississippi River System* (NSF Award No.1659633). This REU site

will offer ten students experiential, interdisciplinary research opportunities in archaeological and ecological sciences addressing topics related to the onset of the Anthropocene. We will select ten applicants to participate in the program; five with research interest in environmental archaeology and five with interest in aquatic ecology. Students will explore research questions related to deep-time environmental dynamics in the Upper Mississippi River System. This eight week program will include field research, data collection, and archaeological and ecological dataset integration.

Archaeology and ecology students will work in interdisciplinary teams and as an entire cohort to gain authentic research experiences. Not only will students learn new research approaches, they will also meet students from across the country with similar interests. This research experience will not only be intellectually rewarding, it will also be fun. When asked about their overall experience of this REU site, 2017 participants commented, "I loved it and would definitely recommend this to people interested in research" and "[This was] overall [an] amazing experience, life changing, thank you."

**Submission Deadline:** All components of the application should be submitted by Friday, January 19, 2018 by 5:00 pm CST. You will receive notification when your application is complete.

**Who can apply:** We seek applicants exiting their freshman, sophomore, or junior year of undergraduate studies. We will facilitate education and career development content for first generation college students (students with neither parent completing a four-year degree upon entering college). Students who are first generation college students are strongly encouraged to apply: preferences will be given to these students; however, applications from non-first generation students will be fully considered.

Applicants should have an interest in interdisciplinary research spanning archaeology and ecology; undergraduates with interest in related fields are encouraged to apply. Applicants must be citizens or permanent residents of the United States and pursuing a bachelor degree. Students should have a minimum cumulative GPA of 2.7 (out of 4.0). Students graduating in the spring or summer of 2018 are not eligible. Applicants should be able to swim and conduct work under adverse conditions, such as very hot, humid temperatures.

**How to apply:** The application includes: 1) application [online form](#) or pdf form, below (You should not submit both the online and pdf form. Submit the one that is most convenient for you.), 2) statement of interest, 3) unofficial transcript, and 4) two letters of recommendation.

1. The application form can be found [online](#) or as a pdf (below). After completing the form, you must send your statement of interest and unofficial transcript to [ccolani@siue.edu](mailto:ccolani@siue.edu). Applications will not be considered until all application documents are received.
2. Applicants should provide a statement of interest that speaks to the applicant's research interest specific to this program, career goals, and expected benefits from participation (limit to 2 pages).
3. An unofficial copy of transcripts from their current academic institution.
4. Applicants should have two referrers submit letters of recommendation that speak to the applicant's ability to work in a challenging, immersive learning environment. One letter of recommendation must come from the student's lead mentor at their current institution.

Applicants should directly email their statement of interest and unofficial transcripts to [ccolani@siue.edu](mailto:ccolani@siue.edu). Letters of recommendation should be sent by the recommender directly to [ccolani@siue.edu](mailto:ccolani@siue.edu).

Direct mailings can be sent to:  
Dr. Carol E. Colaninno  
Campus Box 2224  
Southern Illinois University Edwardsville  
Edwardsville, IL 62026



Logo by Katie Mainor

## REU Application: Exploring Evidence of the Anthropocene Priority Application Deadline, Friday, January 19, 2018 by 5:00 pm CST

The following application is the pdf version of the online form available at:  
<https://drive.google.com/open?id=1peLDl3ag-A-ERM6XKW5yxlp8jmnKZJh9M9ChhdZt7Jc>

If you are unable to complete the online form, please complete this application and mail or email to:

Dr. Carol Colaninno  
Campus Box 2224  
Southern Illinois University Edwardsville  
Edwardsville, IL 62026  
[ccolani@siue.edu](mailto:ccolani@siue.edu) (Please use the subject: REU 2018 Application)

In addition to this form, the application should include the following:

- 1) A statement of interest describing 1) your main research interest specific to this program; 2) your career goals; 3) expected benefits from participating in this REU. This statement should not exceed two pages.
- 2) An unofficial transcript from your current institution
- 3) Two letters of recommendation from references that speak to your ability to work in a challenging, immersive learning environment. Letters should be submitted separately by the recommender. One letter of recommendation must come from the student’s lead academic mentor at their current college or university.

### Current Address

Name: \_\_\_\_\_

Current Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Primary Phone: \_\_\_\_\_ Email address: \_\_\_\_\_

Gender: \_\_\_\_\_ Date of Birth: \_\_\_\_\_

### Academic Institution

Current Academic Institution: \_\_\_\_\_

Major/Program of Study: \_\_\_\_\_

Primary Field(s) of Interest: \_\_\_\_\_

Are you a first generation college student (student with neither parent completing a four-year degree upon entering college)?    Yes                      No

Overall GPA: \_\_\_\_\_

Major GPA: \_\_\_\_\_

Expected Graduation Date: \_\_\_\_\_

Present Year in School:    Freshman          Sophomore          Junior          Senior NOT graduating in the  
spring or summer of 2018 (Current seniors graduating in the spring or summer of 2018 are not eligible  
for this program).

### Interests

Please check only one:

I am more interested in:    Archaeology                                  Ecology

I understand that for my application to be complete and considered, I need to return this form with a statement of interest addressing my main interest in this program, career goals, and expected benefits from participating. This statement should not exceed 2 pages:    Yes                                  No

I understand that for my application to be complete and considered, I need to return this form with an unofficial copy of my transcript from my current institution:    Yes                                  No

I understand that for my application to be complete and considered, I need to have recommendation letters from two referrers, one of which will be my primary mentor at my home institution, and that referrers should submit letters directly to [ccolani@siue.edu](mailto:ccolani@siue.edu):    Yes                                  No

### Demographics

The following questions are optional.

Please check all that apply

Ethnic Identity

African American

Asian American

Mexican American

Native American

Puerto Rican

Other Hispanic

White, non-Hispanic

Other

How did you hear about this REU? Please check all that apply.

NSF Website

Mailing

Advisor or Department

Friend

Facebook

Twitter

Other Website

Other