

Scientific Literacy Center

Research Experience for Undergraduate (REU) Activity

Teaching Notes

Class Time: 15 minutes

Grade Level: Undergraduate

Assignment Type: Homework

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Paid Summer Research Opportunity

Lesson Overview:

The activity below will allow students to explore the pathway to a paid summer research opportunity. Students will simulate the application process to become familiar with the available programs and application process.

Materials:

1. Scientific Literacy video lecture, PowerPoint and lessons for Research Experience for Undergraduates
2. Links to: National Science Foundation- www.nsf.gov/crssprgm/reu/reu_search.jsp
Pathways to Science- www.pathwaystoscience.org/Undergrads.aspx
3. Computer, Projector, Internet connection

High School Students

National Standards:

- A. Science as Inquiry
- E. Science and Technology

GA Standards:

SCSh8. Students will understand important features of the process of scientific inquiry.

Undergraduate Students

Best Practices for Scientific Literacy

1. An understanding of the nature and development of scientific research and knowledge
6. Possessing a relevant knowledge of career opportunities in STEM

Lesson Objectives:

1. Students will explore a professional development opportunity through a Research Experience for Undergraduate (REU) program.
2. Students will simulate the application process.