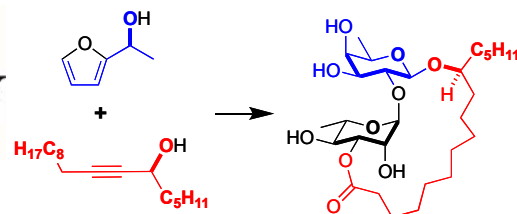




# Northeastern University



## Department of Chemistry and Chemical Biology Research Experiences for Undergraduates (REU) Summer 2019

**Program Dates:** June 6–August 9, 2019

**Application Due Date:** March 11, 2019

**Research Location:**

Department of Chemistry & Chemical  
Biology

Northeastern University, Boston, MA



The NSF-REU site program in the Department of Chemistry and Chemical Biology at Northeastern University offers interdisciplinary research opportunities in Biochemistry, Organic, Physical and Analytical Chemistry laboratories with an overarching focus on the theme of catalysis. Students will do research in a vibrant academic setting with extensive connections to companies in the Boston area.

### Research Project Examples:

- Ras GTPases: signaling proteins in cancer
- Understanding the cellular responses to DNA damage
- Technology assisted synthesis of heterocycles and bioconjugates
- Bio-inspired sensors and bionic protein materials for implantable electronics
- De novo synthesis for medicinal chemistry

### 10-Week Paid Summer Research Program:

- \$5000 stipend
- On-campus housing
- Full time commitment to research
- Professional development meetings
- Topical research seminars
- Social and educational activities
- Final research symposium

For more information, visit:

<https://cos.northeastern.edu/chemistry/academics/undergraduate/reu-site>



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