Gain first-hand knowledge and research experience around topics such as:

- floods and droughts
- regional and global climate change
- storm surge
- terrestrial and marine carbon cycling
- tropical cyclones
- weather and climate risk
- atmospheric aerosols
- paleoclimate reconstruction
- atmospheric waves and storm tracks

Research suitable for a variety of undergraduate majors, including:

- atmospheric science
- chemistry
- ecology
- engineering
- geography
- geology
- mathematics
- oceanography
- physics

Research may involve:

- fieldwork
- laboratory experiments
- numerical modeling
- data analysis

**Preference will be given to rising juniors and seniors considering graduate school or a career in climate science. Students from underrepresented groups are strongly encouraged to apply.**

This REU program is administered by Penn State's Department of Meteorology and Atmospheric Science. Learn more and apply online at the Penn State Climate REU Website: http://micromet.psu.edu/reuclimate/

Apply between December 15, 2017 and February 15, 2018

Program students receive a $5000 stipend, furnished housing, and reimbursement for travel to/from Penn State and a scientific conference.