

## 2015 Research Experiences for Undergraduates (REU) Program In Climate Science at Penn State



Summer research positions are available in the broad area of climate science as part of an REU (Research Experiences for Undergraduates) program in the Department of Meteorology at Penn State University. These positions are for ten weeks during the 2015 summer and are ideally suited for atmospheric science, chemistry, ecology, physics, mathematics, and engineering undergraduates. Research activities may include field and laboratory work and will require 40 hours per week. Responsibilities include research experimental design, data acquisition with state-of-the-art instruments, analyses of data sets, numerical modeling, writing of research reports, and presenting findings at research symposia. Examples of projects include impacts of natural gas extraction on regional air quality and climate, forest carbon sequestration, cloud condensation characteristics of aerosols, downscaling of regional climate models, and gas and aerosol transport in the lower atmosphere. Preference will be given to rising juniors and seniors who plan to go to graduate school.

Interested candidates can submit an application via email to **Jose D. Fuentes** ([jdfuentes@psu.edu](mailto:jdfuentes@psu.edu)) or **Jon Nese** ([j2n@psu.edu](mailto:j2n@psu.edu)). Applications should include cover letter, resume, list of courses taken in undergraduate school and associated grades, and names of two references. Applications will be accepted through March 15, 2015 and can be found, along with additional information, at the REU website: <http://micromet.psu.edu/reuclimate/index.html> .