

PRECIP *Pre-College Internship Program*

**HIGH SCHOOL SUMMER INTERNSHIP AT THE
NATIONAL CENTER FOR ATMOSPHERIC RESEARCH (NCAR)**



Are you interested in a paid internship where you can work on a research project in atmospheric and related sciences? We are now accepting applications for PRECIP 2018!

PRECIP invites all high school students interested in the atmospheric and related sciences -- including meteorology, chemistry, physics, engineering, mathematics and hydrology -- to apply to the program. In particular, PRECIP seeks to involve students from groups that are historically under-represented in the sciences, including Black or African-American, American Indian or Alaska Native, Hispanic or Latino, female, first-generation college students and students with disabilities.

THE PRECIP RESEARCH EXPERIENCE

PRECIP, the Pre-College Internship Program, is a high school summer program designed to engage students (entering 11th or 12th grade) in the atmospheric and related science fields. Students accepted into the program participate in a paid summer internship at the National Center for Atmospheric Research (NCAR) in Boulder, Colorado.

CONDUCT RESEARCH

As part of this exciting opportunity, students will work on real-world research projects with scientists and engineers over six weeks this summer. Students will participate in a weekly NCAR Intern Workshop Series where they will learn how to create a scientific poster, give a scientific talk, and create a strong resume. At the end of the program, students will produce a scientific poster that summarizes their work and results and will present their poster at the NCAR student poster session. Many students have found this program to be beneficial when making decisions on what to pursue when they go on to college.

PROJECT EXAMPLES

Previous student research projects have ranged from working on influences of climate change on tornado occurrence to developing upgrades to the NCAR snow machine. Some of the other exciting areas of research



include understanding a rapidly changing climate and its impact on the Earth and its inhabitants, severe weather events such as hurricanes and tornadoes, atmospheric chemistry measurements and aviation weather.

STIPEND

PRECIP students typically work up to 20 hours a week and earn a competitive wage during their time in the program.

HOUSING

PRECIP does not provide housing costs for students. While the program is open for anyone to apply, students outside of the Denver/Boulder area will need to find housing accommodations while they participate in the program.

TRANSPORTATION

PRECIP does not cover airfare for anyone applying from outside the Denver/Boulder area. Reimbursement for gas costs for local area students may be granted in some instances and will be evaluated on an individual basis.

PRECIP Application: ral.ucar.edu/projects/precip

Students will need to apply online and provide a copy of their transcripts, a resume with at least one teacher reference, and a short written essay of 200 words or less explaining their interest in the program and what they hope to get from it. Applications will be accepted until March 23rd. Thank you and we look forward to reviewing your application!

IMPORTANT DATES FOR 2018

- Application dates: February 23 - March 23, 2018.
- 2018 summer internship: This year's PRECIP will begin on June 18 and conclude on August 3rd.
- Poster Session date: August 2nd, 2018 in Boulder. Family are welcome and encouraged to attend the poster session.



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