

## **SOARS Student Research Intern**

**PLEASE NOTE:** This is a summer internship position. Initial consideration will be given to applications received prior to February 2<sup>nd</sup> 2017. Thereafter, applications will be reviewed on an as-needed basis.

UCAR Community Programs (UCP) – Center for Science Education (SciEd)

U.S. Citizenship, Permanent Residency, or other protected status under 8 U.S.C. 1324b(a)(3) is required for this position. UCAR/NCAR will not sponsor a work visa (e.g., J-1, H1-B, etc.) for this position.

This internship position will participate as a summer research intern in the Significant Opportunities in Atmospheric Research and Science (SOARS) program.

### **Research**

- Engages in scientific research at UCAR/NCAR or partnering laboratories in Boulder, Colorado. First year protégés primarily follow the guidance of their scientific mentors. Returning protégés normally collaborate in the design of their research project.

### **Reports and Presentations**

- Participates in all SOARS training, including scientific communication, data and computational skills, leadership and professional development.
- Submits weekly writing assignments by assigned deadlines.
- Prepares and presents two scientific talks, a poster, an academic paper, and submits an abstract by the conclusion of the summer program.
- Attends at least one national scientific conference to present summer research through oral and poster presentations. May also support SOARS outreach efforts at conferences. (Conference attendance is funded by SOARS and may occur during the academic year.)

### **Seminars**

- Participates in technical and career seminars with peers and scientists.

### **Peer Mentoring**

- Returning protégés may be asked to serve as peer mentors for incoming students. Protégés will receive training in mentoring.

### **Community and Professional Behavior**

- Protégés are part of a diverse community of peers working and living together. Protégés are expected to contribute positively to the community and to conduct themselves appropriately in a professional environment. Protégés are also expected to fully participate during normal office hours, during SOARS functions and while on SOARS-funded travel.

### **REQUIREMENTS INCLUDE:**

#### **Education and Experience:**

- Must be currently enrolled in an undergraduate program with a major in the earth sciences, computing, engineering, or related field. Must have at least one semester of undergraduate coursework remaining after the initial summer program.

#### **Knowledge, Skills and Abilities:**

- Ability to work with a diverse group of peers and mentors.
- Basic problem solving skills.
- Ability to analyze data and draw conclusions.
- Good oral and written communication skills.
- Skill in the use of software for communication purposes (e.g., Powerpoint, Word, Excel).
- Ability and willingness to learn and use scientific computing tools and programs.
- Ability to interact with mentors and peers in a manner that supports collaboration and inquiry.
- Willingness to seek help when needed and consult with supervisor on larger job or community related issues.
- Basic knowledge, through coursework, of atmospheric, oceanic or earth sciences, computer science or engineering.
- Ability to work full-time in Boulder, Colorado, during the summer program.
- Ability and willingness to work within guidelines and policies of organization and assigned work groups.
- Willingness to contribute to the SOARS community and mission.
- Potential to excel in a scientific career.

**Desired Skills (but not required):**

The ideal candidate will have completed the equivalent of two years of college; have some basic research and programming experience and have a cumulative GPA of 3.0 or higher.

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