

---



**Research Experiences for Undergraduates**  
*at the National Weather Center*

## The NWC REU Program is Now Accepting Applications for Summer 2018!

Are you an undergraduate student at a 2- or 4-yr institution curious about what scientific research is like? In our 10-week summer research internship program you conduct your own unique research study! Mentors come from throughout the federal, state, university, and private sector weather enterprise in Norman, Oklahoma.



## *What is an REU all about?*

In a Research Experiences for Undergraduates (REU) program you are paired with a mentor or mentor team that helps you conduct your own unique research study!

We also build a sense of community by learning and reflecting together through skill-building workshops, career exploration tours and field trips, science seminars, and a variety of social activities.

**We support you! You receive the following:**

- **Stipend** of \$5,000
- **Subsistence** of \$500 to help with food costs
- **Travel to/from Norman** (up to \$600) and travel to a **National Conference** (up to \$1,500).
- **Housing** is provided in modern, furnished campus apartments that feature private bedrooms and shared bathroom and living spaces.

[Read More](#)

## Hail, Tornadoes, and Winter Weather, oh my!

Our mentors come from throughout the National Weather Center and partner organizations on OU's Research Campus. Over the years we've had many projects that analyzed WSR-88D data, such as Jackie's [study on dual-polarized radar coverage in terminal airspaces](#).

Other studies have used innovative citizen science data from [mPING](#). Stormi studied [how mPING data could be used to get better rainfall estimates](#).



## Featured Partner: South Central Climate Science Center

The SC CSC helps decision makers with the science, tools, and information they need to address the impacts of climate variability and

change on their areas of responsibility. Recent REU projects with SC CSC mentors include Kristina's study on [how the frequency and intensity of extreme precipitation in the future may affect the area which the Citizen Potawatomi Nation, Choctaw Nation of Oklahoma, and Chickasaw Nation encompass](#). Read more about the SC CSC [here](#).

---

## Lifelong Friendships

Learning and socializing for 10 weeks with a group of undergraduates from all across the US means good times and lifelong friendships. REU programs are life changing... for the good!





## Tours, Field Trips, Workshops

Depending on the interests of the group we have taken career-related field trips like this one to Dallas/Ft. Worth. We visited the weather forecasting group at Southwest Airlines and the hydrologists at the National Weather Service's West Gulf River Forecast Center.

[Learn how to apply online!](#)

### *What is an REU all about?*

In a Research Experiences for Undergraduates (REU) program you are paired with a mentor or mentor team that helps you conduct your own unique research study!

We also build a sense of community

by learning and reflecting together through skill-building workshops, career exploration tours and field trips, science seminars, and a variety of social activities.

**We support you! You receive the following:**

- **Stipend** of \$5,000
- **Subsistence** of \$500 to help with food costs
- **Travel to/from Norman** (up to \$600) and travel to a **National Conference** (up to \$1,500).
- **Housing** is provided in modern, furnished campus apartments that feature private bedrooms and shared bathroom and living spaces.