



*Mentors for this REU come from the University of Oklahoma, NOAA, and Partner Organizations on the University Research Campus*

## **Real-World Research Experiences for Undergraduates at the National Weather Center**

# **APPLICATION FORM**

***May 22 – July 28, 2017***

*Alternate dates are possible if your school is on the quarter system.*

Learn to do research by conducting your own unique study! Each participant has at least one mentor from one of the University of Oklahoma, NOAA, or partner organizations. We build a sense of family by learning and reflecting together through workshops, field trips, seminars, tours, and a variety of social activities.

**You receive a stipend:** \$5,000

**You also receive:** \$500 to help with food costs

**Travel to/from Norman:** up to \$600

**National Conference Travel:** up to \$1,500

**Housing:** provided in furnished campus apartments



### **Eligibility:**

You must be enrolled in a 2 or 4-yr undergraduate degree program through the summer of 2017 (not taking classes, but not yet graduated) and be a US citizen or permanent resident. You are eligible if finishing a 2-yr degree and starting a 4-yr degree program. Applications from women and minorities are particularly encouraged. The University of Oklahoma is an equal opportunity institution.

**Questions?** Check the FAQ (<http://www.caps.ou.edu/reu/application-faq.html>), then contact the director, Dr. Daphne LaDue, at either [dzaras@ou.edu](mailto:dzaras@ou.edu) or 405-325-1898 if you still have questions.

## National Weather Center Research Experiences for Undergraduates (REU) Program

### Instructions:

Compile the following:

1. **Applicant Information Page**
2. **Answers to the "Items to Compile" (page 3).** Please use short headings to label your answers.
3. **Your transcripts.**
  - Be sure they are on official paper / from your registrar's office.
  - You may pick them up yourself ("issued to student") and include them with this material.
  - The transcript from your current institution should show your grades through the fall of 2016.
  - *\*Include all transcripts from all higher education institutions you have attended.... unless courses transferred include grades (rare).*
4. (Optional) **Your current résumé.**

**Give your references each a copy of the form on the last page.**

We may be online, stay tuned to the web site: <http://www.caps.ou.edu/reu>!

Meanwhile, we will also accept applications by mail. Everything is due by February 8, 2017. Mail to:

Dr. Daphne LaDue  
NWC REU Program  
120 David L. Boren Blvd., Suite 2500  
Norman, Oklahoma 73072  
Ph: 405-325-1898



## National Weather Center REU Application Form

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### Contact Info:

Your Name \_\_\_\_\_

Are you a US citizen or Permanent Resident of the US? (circle) **Yes** **No**

Daytime Phone (cell?): \_\_\_\_\_ E-mail: \_\_\_\_\_

**Your Permanent Address:** \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Daytime Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

### Academics:

List all colleges/universities attended, starting with your current institution and working backward in time:

Names of all Colleges/Universities Attended <i>(Be sure to send all transcripts! Transcripts must be on official paper from your registrar's office. They can either be sent directly or "issued to student.")</i>	City/State of School	Years Attended

The year and month you expect to graduate: \_\_\_\_\_

Your degree type (e.g. BA, BS, AS, AA): \_\_\_\_\_ Your major: \_\_\_\_\_

Cumulative GPA: \_\_\_\_\_ GPA in-major: \_\_\_\_\_

### How did you hear about our program? Check all that apply, or write in your answer:

my professor, advisor, or academic department

past participant

NSF REU Site Search

Internet search

www.PathwaysToScience.org (Institute for Broadening Participation; IBP)

at a conference (circle: LSAMP conference, AMS Annual Meeting, Other: \_\_\_\_\_)

Other: \_\_\_\_\_

**Sharing Applications:** If opportunity arises, may I share your application with similar opportunities here or elsewhere? **Yes / No / Contact Me First**

## National Weather Center Research Experiences for Undergraduates Application Form

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### Items to Compile



*Instructions:* Start a word processor document and put your name and preferred contact (phone or email) at the top. Use the headings shown below before your responses. Please use plain paper.

**Spring of 2017 courses.** Please list them.

### **Extracurricular Activities — or — Hours Worked Per Week**

This helps us see you as a whole person; if you have a heavy work schedule, tell us about your work instead.

**Previous Research Experience**, if any. *We do not expect you to have any.*

*Do not include class projects.* Please include: when, where, mentor's name(s), how many hours/week for how many months, and whether you wrote a paper or gave a presentation on the work.

Help us get to know you.

**Short Essay #1 [max 250 words]: What have you done to explore weather or climate outside the requirements of your major?** These could be from before you started college, or extra things you're doing while in college.

**Short Essay #2 [max 250 words]: Why do you want to experience research?**

**Short Essay #3 [max 250 words]:** REU programs are dedicated to enhancing the diversity of future scientific communities and sharing our science with a broader audience. **Please describe how you, based on your personal background and life experiences (including social, cultural, familial, educational, or other opportunities or challenges) will contribute to this mission during and after participation in our REU program.**

**Short Essay #4 [max 250 words]: List two character traits of a successful leader. Describe how you exhibit these traits to your peers and mentors.**

**Any concerns or comments you have.**

Please include any comments or concerns. If you are enrolled in a school that uses the quarter system, please let us know the earliest date you can be available.

### **References**

List the names and affiliations of the two professors (in your major or related classes preferred) or professionals (in your major field of study, if possible) that will be sending a letter of recommendation.

## National Weather Center Research Experiences for Undergraduates Recommendation Form

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DEAR REFERENCE:

### About the program:

We are seeking students who have demonstrated characteristics necessary to be successful in a physical or social science graduate degree program, or career in science education but have *not yet had* a full REU-like experience (e.g. student-led research, paper, and presentation). REUs are funded by the National Science Foundation. The aims of REU programs are described succinctly under "I. Introduction" and "II. Program Description" on the following: <http://www.nsf.gov/pubs/2012/nsf12569/nsf12569.htm>

### What we need from you:

Please attach a written evaluation of your student and his/her potential for participation in a physical or social science research project. Is this student ready to take initiative while respecting and following guidance of his or her mentors? Please also address how well this student interacts with his or her fellow students at your institution. Is this student ready to learn and grow with a diverse group of students? Provide examples.

Your Name: \_\_\_\_\_

Name of Student Requesting a Letter: \_\_\_\_\_

Your Role to This Student: \_\_\_\_\_

Your Employer: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

*For more information, contact the director, Dr. Daphne LaDue at 405-325-1898.*

**Directions:** References, please upload (if I can get that set up, refer to our web site to see I did: [www.caps.ou.edu/reu/](http://www.caps.ou.edu/reu/)), mail ~or~ fax this form and your attached letter to arrive by February 8, 2017.

**Mail:**

Dr. Daphne LaDue  
NWC REU at CAPS, Suite 2500  
120 David L. Boren Blvd.  
Norman, OK 73072

~ or ~

**Fax:**

405-325-7614