

# Northeast Partnership for Atmospheric & Related Sciences (NEPARS)



HOBART AND WILLIAM SMITH  
COLLEGES

Plymouth State  
UNIVERSITY

National Science Foundation (NSF) Research Experiences for Undergraduates (REU)

## 2021 Student Application Form

Northeast Partnership for Atmospheric & Related Sciences (NEPARS)

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**Application Deadline: Monday, February 15, 2021**

### Important

- Please have your Academic Transcript ready for upload as a single PDF file before beginning this application. Unofficial copies are acceptable and encouraged.
  - Within two weeks after you submit this form, your References/Recommenders will be notified as to where they should upload their recommendation. Please make sure you have an accurate email address for them and let them know you are applying for this program **PRIOR** to submitting this application.
  - REU students accepted into the summer program will be conducting scientific research. All applicant and REU student information will be kept confidential, and only aggregated data (i.e., no student-specific data) will be used in any educational research presentation and publications.
  - If applicants have any questions about the REU application process or REU summer research program, please contact Dr. Neil Laird (laird@hws.edu).
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# Contact Information

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## Name \*

First Name

Last Name

## Email \*

example@example.com

## Phone Number \*

Area Code

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Phone Number

## Home Address \*

Street Address

Street Address Line 2

City

State / Province

Postal / Zip Code

## Are you a US citizen or permanent resident of the US? \*

Yes

No

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# Academic Information

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List the current college or university you are attending \*

Which of the following best describes your current academic standing? \*

- First-year
- Second-year (Sophomore)
- Third-year (Junior)
- Fourth-year (Senior)

Expected date of undergraduate graduation \*

 

Date

List your current major/majors \*

List your current minor/minors (If appropriate, state "none")

Overall GPA \*

Upload your college/university transcript(s) \*

Browse Files

Please upload a SINGLE PDF file containing your academic transcripts. If you have attended other colleges/universities prior to your current institution, please provide transcripts from all colleges/universities attended. Your transcript should include grades from the FALL 2019 semester. Unofficial transcripts are acceptable.

## Background Information

The NEPARS REU, Hobart & William Smith Colleges, and Plymouth State University are committed to supporting all students. These data will be used only for statistical reporting to the National Science Foundation. Your completion of this section will assist us in assessing our effectiveness in soliciting applications from a diverse student population.

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In our REU program, we are vested in the success of each participant and mentor, and committed to working together to build a welcoming, inclusive environment that allows each person to express themselves, explore new ideas and take risks.

We are committed to:

- being a diverse community of people with ideas and approaches that make a difference locally, nationally and globally.
- developing solutions, processes, and knowledge for all people. As a result, we embrace the vision that diversity in our program generates better learning outcomes, better citizens, and better scientists.

**How do you describe your gender? \***

- Female
- Male
- I describe my gender differently
- Do not wish to provide

**Race/Ethnicity (Please check all that apply) \***

- African-American
- Asian-American
- Hispanic/Latino
- Native American / Alaska Native
- Native Hawaiian / Pacific-Islander
- Caucasian
- Do not wish to provide
- Other

**Are you currently a member or a veteran of the armed forces? \***

- Yes
- No
- Do not wish to provide

**Have either of your parents/guardians completed a Bachelor's degree or higher? \***

- Yes
- No
- Do not wish to provide

**Are you currently working while pursuing your undergraduate degree? \***

- Yes
- No
- Do not wish to provide

**If working, how many hours per week?**

**If working, where are you working?**

**How would you describe the current University/College that you are attending? (select all that apply) \***

- 2-year institution
- 4-year bachelor's degree granting institution
- Community college
- Privately funded institution
- Public institution
- Do not wish to provide

**Are there research opportunities available to undergraduates at your Institution? \***

- Yes, I attend a research university where there are graduate programs
- Yes, I attend a primarily undergraduate school where faculty are active with research
- Yes, but not many faculty at my school do research
- No, I attend a school that does not have any research opportunities



# Recommendations

Include information for two persons that you have asked to provide a recommendation for your REU internship application. These persons should know you well. They could be a college professor or high school teacher, a current or former supervisor/boss, a coach, an academic mentor, or research mentor. Please make sure you include accurate email addresses and let them know you are applying for this program PRIOR to submitting this application.

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1. First Recommender: Include name, affiliation, title, phone number, and email

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**Name \***

First Name

Last Name

**Affiliation and Title \***

**Phone Number**

Area Code

Phone Number

**Email \***

example@example.com

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2. Second Recommender: Include name, affiliation, title, phone number, and email

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**Name \***

First Name

Last Name

**Affiliation and Title \***

**Phone Number**

Area Code

Phone Number

**Email \***

## Statements on Interests

You may want to write/edit your statements outside of this application form and then paste the text into the form to submit.

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**Please identify up to four topics that interest you the most and you would be open to working on as part of a REU experience. \***

- Mesoscale & Synoptic Weather Systems
- Hydrometeorology / Hydrology
- Modern Climate / Climatology
- Paleoclimate / Long-Term Climate
- Mountain Meteorology
- Micro-meteorology/Microclimate
- Biometeorology
- Data Collection
- Observational Analysis
- Computer Modeling

We ask you to provide two brief essays that address your interest in science and experience(s) in working with others. Our hope is that you share some information about the person you are and want to become. All in an effort to complement the other information included in your application.

**In 250 words or fewer, describe what led you to an interest in science and what you hope to gain from a REU experience. \***

0/250

**In 250 words or fewer, describe what experience(s) you have working with others and what you have gained from the experience(s). \***

0/250

Have you had any previous research experience(s)? \*

Yes

No

If yes, please share the name of your research mentor, the organization/group you worked for, and the topic of research.

0/50

How did you hear about this REU program? \*

0/50

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# Statement of Consent

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Funding for the NEPARS REU comes from the National Science Foundation. The NEPARS REU is helping with an educational study to describe the group of students interested in participating in undergraduate research experiences funded by the National Science Foundation. The collection of this data is important. Collecting information from students that are interested in participating in undergraduate research experiences has the potential to influence the design and scale of both efforts to recruit students and the programs that offer the opportunities themselves. Your willingness to provide this important information will not influence any decisions on your REU application.

## Who is conducting this research?

The analyses of information will be conducted by the directors of the NEPARS-REU program (Dr. Neil Laird and Dr. Jason Cordeira).

## What am I being asked to do?

By participating in the study, your data will be combined with other applicants for analysis and individual identifying information (such as Name) will not be used. The following information from your application will be part of our analyses.

- Gender
- Race/Ethnicity
- Year of undergraduate education when applying
- Prior research experience
- Academic institution attending
- Academic major and minor
- GPA

## What should I know about participation?

Your participation in this study is entirely voluntary. Your decision whether or not to participate will not have any effect on the review of your application by the REU program.

## What are the benefits?

You will not receive any direct benefits from participating in this educational research study. However, you may indirectly benefit, if/when the findings of this investigation influence the scale and design of undergraduate research opportunities in the future.

## Will my information be kept private?

The data being collected is not easily identifiable; care will be taken to secure this information. Data will be stored on password-protected computers. While the results of the research study may be published or presented at conferences no individually identifying information will ever be included.

## Who can I contact if I have questions?

If any aspect of the study or its relationship to the REU program you are applying to is unclear, please contact either of the REU directors; Dr. Neil Laird (laird@hws.edu, 315-781-3603) or Dr. Jason Cordeira (j\_cordeira@plymouth.edu, 603-535-2410).

Additionally, inquiries regarding concerns about the participant's rights, or any other aspect of the research as it relates to subject's participation can be directed to the Hobart and William Smith Colleges Institutional Review Board. Such inquiries should be directed to: IRB Chairperson, Office of Academic and Faculty Affairs, Hobart and William Smith Colleges, 300 Pulteney Street, Geneva, NY 14456

- I have read the above Statement of Consent.
- I voluntarily agree to participate in the research study.
- I am 18 years of age or older.

## Do you consent to provide information and participate in the educational research study? \*

- I agree to participate
- I do not wish to participate

Submit Application

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*The Research Experiences for Undergraduates (REU) program is funded by a grant from the National Science Foundation. Student research positions are contingent on availability of grant funds. Hobart & William Smith Colleges and Plymouth State University are equal opportunity employers.*