



**REU: Sensors in Earth, Oceans, and Space Science –
How We Observe Our Planet**
2026 APPLICATION

To apply, submit:

This form, filled out

Your resume, as a pdf or word document

2 letters of recommendation

To: EOS.REU@unh.edu

Due Date: February 6, 2026 (midnight applicant's time)

Full Name: _____

Are you currently a U.S. citizen or permanent resident?

Yes or No: _____

Name of current undergraduate institution: _____

Expected year of graduation: _____

Primary major: _____

Secondary major or minor: _____

1. Which research projects and mentors are you interested in working with?
Please rank (1 = most interested). See full project descriptions at eos.unh.edu/reu

Option	Rank
Project: Sensing microbial processes in a changing ocean. Mentor: Dr. Kai Zier vogel	
Project: Acoustic monitoring of underwater benthic ecosystems. Mentor: Dr. Gabriel Venegas	
Project: Exploring the physics of disease spread in seagrass and corals. Mentor: Dr. Tracy Mandel	
Project: Monitoring of eelgrass and seaweed in the Great Bay Estuary. Mentor: Dr. Atsushi Matsuoka, Dr. Lara Martin	
Project: The Future of Winter in New England. Mentor: Dr. Elizabeth Burakowski	
Project: Forecasting space storms. Mentor: Dr. Amy Keesee	
Any project in earth sciences	
Any project in ocean sciences	
Any project in space sciences	
Any project	

2. Are you willing to participate in a 15-minute virtual interview with an REU mentor in February of 2026?

Yes or No: _____

3. Why are you interested in participating in this REU? How will it further your education and career goals? Please answer in a short essay (200 words or less):

4. What educational experiences have inspired you and your science goals? Please answer in a short essay (200 words or less):

5. Describe an experience when you faced obstacles, and had to be flexible in order to accomplish your goals. How did you adapt? Please answer in a short essay (200 words or less):

6. Describe your experience working in a team. What has your experience taught you about teamwork? Please answer in a short essay (200 words or less):

7. The project “Monitoring of eelgrass and seaweed in the Great Bay Estuary” involves frequent off-campus work. If you are interested in this project, are you able to bring a car to campus?

- Yes
- No
- I am not interested in this project

8. This REU offers projects with different focuses and skills. Some projects have a large fieldwork components where students will be outside, others involve bench chemistry, and some are entirely computer-based. Please indicate your preference by ranking the types of work below (1 = highest preference):

Option	Rank
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Outdoor fieldwork	
Bench laboratory work	
Computer programming	
A mixture of work types	
I don't know yet, open to trying any work type	

9. Do you have prior research experience?

Yes No

9a. If you answered Yes, was this research funded by the NSF?

Yes No I don't know

9b. If you answered Yes, please describe your research below:

The following information is used for post-summer reporting. It is NOT used to evaluate applications for admission to this REU. You may choose to answer or not answer any of these questions – it will not impact your application.

Demographic information Race

and ethnicity:

- prefer not to answer
- white
- Hispanic or Latino
- Black or African American
- Native American or Native Pacific Islander
- Asian
- Other

Sex assigned at birth:

- prefer not to answer
- male
- female
- other

Gender identity:

- prefer not to answer
- male
- female
- non-binary
- other

Veteran status:

- prefer not to answer
- veteran
- non-veteran

Received Pell Grant:

- prefer not to answer
- yes
- no

Disability status Seeing:

- prefer not to answer
- none
- slight
- moderate
- severe

Hearing:

- prefer not to answer
- none
- slight
- moderate
- severe

Walking:

- prefer not to answer
- none
- slight

- moderate
- severe

Lifting:

- prefer not to answer
- none
- slight
- moderate
- severe

Concentrating, remembering, or making decisions:

- prefer not to answer
- none
- slight
- moderate
- severe

Family information

Parent or guardian 1 Highest degree:

- prefer not to answer
- not applicable
- high school
- bachelor's degree
- master's degree
- PhD, MD, JD or other terminal degree

Parent or guardian 2 Highest degree:

- prefer not to answer
- not applicable
- high school
- bachelor's degree
- master's degree

PhD, MD, JD or other terminal degree