The Inclusive Research Experience in ALpine Meteorology (REALM) in the Department of Atmospheric Sciences at the University of Utah provides a diverse group of undergraduate students with a 10-week paid summer research internship that includes a research project conducted under the guidance of faculty mentors, professional development training, and support from the REALM Mentorship Council.

REALM PARTICIPANTS 2021-2023

3 cohorts
A total of **26 students** and **28 mentors** have participated

**32%** of **REALM REU students** were **first-generation** college students

PROGRAM HIGHLIGHTS

100% of **REALM students** would recommend the program to others

Students rated the **Summer Symposium** and **Storm Peak Lab Trip** as most useful activities

Suggestions for improvement: Students would have liked more organized social events with the REALM cohort and more of the highly-rated REALM Seminar Series
It opened doors to so many different areas of research for me that I otherwise would not have known of!

It really helped solidify and give me confidence that I want to pursue atmospheric science in my future education!

I especially appreciated the chance to meet lots of meteorologists and hear about their experiences and research.

**PROGRAM IMPACTS**

Students’ confidence in their research skills improved significantly:

- **Pre:** 3.3
- **Post:** 4.0

Students strengthened their already strong sense of science identity:

- **Pre:** 4.0
- **Post:** 4.6

Students strengthened their already strong sense of belonging:

- **Pre:** 4.4
- **Post:** 4.5

Completing the REALM program positively impacted students’ future academic and career plans.

- **85%** likely to pursue a graduate degree
- **100%** likely to work in a science field
- **80%** likely to work in a science research field

**What students are saying about REALM!**

"It opened doors to so many different areas of research for me that I otherwise would not have known of!"

"It really helped solidify and give me confidence that I want to pursue atmospheric science in my future education!"

"I especially appreciated the chance to meet lots of meteorologists and hear about their experiences and research."