



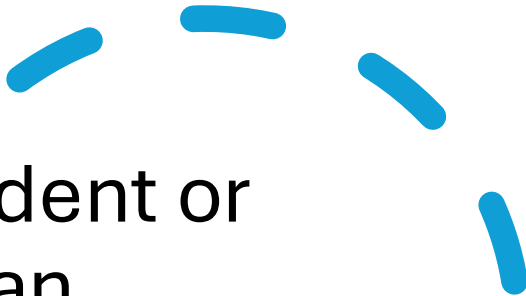
Internships



Your path to success!



What is an internship?



“The position of a student or trainee who works in an organization, sometimes without pay, in order to gain work experience or satisfy requirements for a qualification”

- Google

Most Common Types of Internships

- Co-Op
 - An internship that is meant to be taken alongside your school experience and curriculum
- Externship
 - Commonly referred to as job shadowing, usually shorter than an internship
- REU
 - Paid research-based internship (typically 8-10 weeks with stipend)
- For-Credit Internship
 - A course offered by an institution in which an internship counts toward college credit
 - Offered at ISU: Mteor 3210: Meteorology Internship (1-2 credits, repeatable for up to 3)
 - Prerequisites: Mteor 3110; Permission of the Department Cooperative Education Coordinator
 - <https://catalog.iastate.edu/azcourses/mteor/>

How do I know which internship to choose?



OBJECTIVE



AVAILABILITY



LOCATION



AFFORDABILITY

Where can I find these internships?

National Science Foundation: [Apply Here!](#)

ISU AMS: [Internships/REUs](#)

Scientific Meetings/Conferences

- AMS - [American Meteorological Society](#)
- AGU - [American Geophysical Union](#)

Staff/Faculty Emails

Why should I choose an internship?



Boosts your professional job experience



Gain new skills



An opportunity to network with professionals and be much more likely to land a full-time job post college.



May provide a pretty sweet stipend



My Internship Experience...

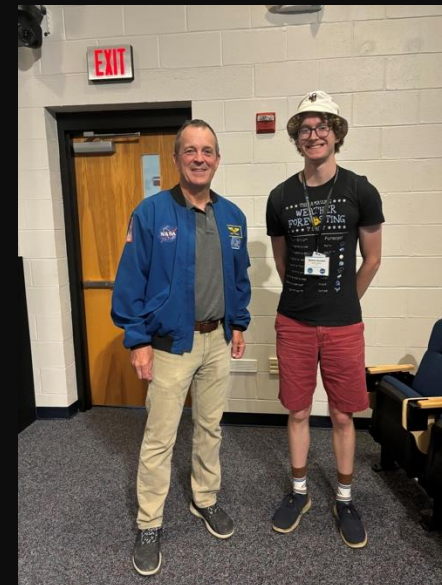


- NASA SARP East 2024: [Student Airborne Research Program](#)
- 8 weeks in Virginia
- Flew in a couple of aircrafts and monitored real-time data being recorded
- Gained more experience in python and downloading/importing large datasets
- Met 22 amazing students from all around North America
- Networked with tons of NASA faculty and graduate students
- Visited NASA headquarters and NASA Langley Research Center



My Internship Experience...

- Week 1 (Wallops Island, VA)
 - Met most of the program staff, faculty, graduate mentors, and students
 - Lectures regarding Earth Science, NASA Open Science, Early Career Research, etc.



My Internship Experience...

- Week 2 (Wallops Island, VA → Baltimore, MD)
 - Flew in the P-3 and B-200 aircraft, monitoring carbon dioxide, methane, ozone, etc.
 - Ground Truthing (collecting whole air samples in Baltimore)



My Internship Experience...

- Week 3-8 (Christopher Newport University, Newport News, VA)
 - Came up with a research topic
 - Collected data from various online sources
 - Presented the last week



When should I apply for an internship?



The sooner the better (as soon as you have a general idea of what career you would like to pursue post college)

At the very least, an internship may validate what you aren't looking for in a career



Many students apply as a rising junior or senior, but there are many opportunities you can apply for as a rising sophomore (during your freshman year)



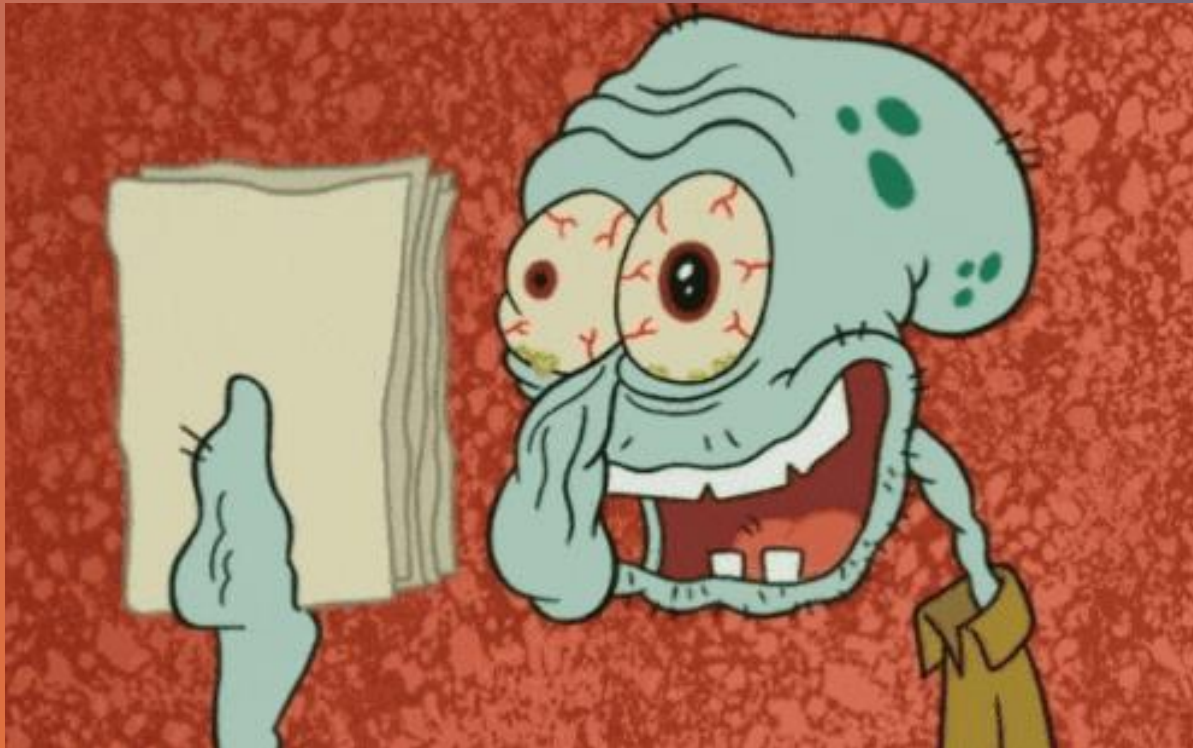
Summer internship applications typically open between September/November and usually close as early as mid-January or as late as mid March (making winter break a prime time to get that application complete)

What do I need to apply?

Most applications require the following:

- Demographic Information
- Academic Information
 - Grades, GPA, classes taken
- A resume or CV (Curriculum Vitae)
- A personal statement
 - What are your long-term career goals and how will this experience help you reach those goals?
- The REUs I applied for last year: [REU Applications 2024.docx](#)
- 1-3 letters of recommendation

+
• Applications take
time... sorry



+
•

- +
-
-

Hard work pays off!



- +
-
-

Resources to fund your internship/conference

[Undergraduate Student Conference Travel Fund](#)

- Can cover up to \$550 worth of acceptable expenses individually or \$100 per group member

[LAS Scholarships](#)

- Scholarships for undergraduate research, unpaid internships, and study abroad

[ISU Scholarships](#)

- Usually between \$500-2000

[FAFSA Information](#)

- Dependent on financial standing

Guess what? You can also fundraise through the AMS chapter to pay off conference fees!!!



Questions?

