



Student Scholarship Internship Opportunity (SSIO) Online System

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SSIO 2022 Internship Opportunity Position

Internship Information

Project title: Air Quality and Climate Communication: Creative Communication of Scientific Information for Policy-Makers and the Public

NOAA mission goal: Engagement Enterprise

Hypothesis or objectives: In today's society, it is more important than ever to communicate scientific information in a way that is both engaging and accessible to variety of non-expert audiences. This is particularly true for scientific fields with a high degree of direct impact on public health and livelihood. Two such societally-relevant fields that are receiving increasing global attention are air quality and climate. The objective of this opportunity is to provide student training and experience in science communication, with a particular focus on air quality and climate research activities in the Chemical Sciences Laboratory.

Academic status: Graduate

Estimated start - end date: June 2022 - August 2022

Duration: 3 months

Area(s) of discipline: Atmospheric Science, Climate Change, Communication, Environmental Chemistry, Science Policy/Science And Society

Internship location: Boulder, CO

Duties and responsibilities: NOAA's Chemical Sciences Laboratory (CSL) works to improve scientific understanding of air quality, climate, and their interconnections through cutting-edge laboratory and field research throughout the troposphere and stratosphere. This opportunity will focus on developing and creating effective and engaging communications products about CSL's research activities and scientific findings for both public audiences and policy-makers. Such products may include written web articles, short videos, data visualizations, web content, and/or multimedia digital stories that may be disseminated through a variety of news, social media, and education channels. Specific products and projects will be decided upon at the time of the internship through discussion with the project mentors based on current research activities in the lab and with consideration to the intern's skillset and interests.

Special skills/training required: A background or training in a scientific field (e.g., environmental or atmospheric science, chemistry, physics) is beneficial. The student should have a strong interest in science communication and public engagement, a creative and collaborative mindset, and experience with, or an aptitude for, written or visual communication. No specialized software knowledge is required. Experience with graphics or video editing software (e.g., Adobe), data visualization software (e.g., Python, R), or web-coding (e.g., JavaScript, D3) is a plus.

Expected outcomes: The ability to effectively communicate science to a public audience is a valuable and desirable skill for a scientist in today's workforce. As such, this opportunity is not only for those who plan to follow a

communications path. Whether the student plans to pursue a career in science or communications, this opportunity will provide valuable training and experience working with science writers and visualizers in a national level scientific organization. It is expected that by the end of this internship, the student will have produced multiple published science communications products.

Guidance and supervision: The student will work closely with the CSL Deputy Director and the CSL Communications Lead, who are the primary mentors for this opportunity, to select and develop communications products and will work directly with the CSL research scientists for articles and/or interviews about their work. The student will also have opportunity to interact and collaborate with the OAR Communications and Public Affairs staff and communicators across the various labs and programs within OAR.

Application package: Letter of recommendation/or names of references
Resume
Cover letter

Posted or modified date/time: Friday, October 1, 2021 - 12:52:00 PM

Internship Travel Information

Purpose (student's role): ---

Mode of transportation: ---

Date(s): ---

Destination: ---

Estimated cost: ---

Source of funding: ---

Mentors Contact Information

Name: Megan Melamed

Organization: Office of Oceanic and Atmospheric Research (OAR)

Program office: CSL

Mailing address: 325 Broadway
Boulder, CO 80302

Fax number: None

Phone number: 303-497-6026

Email: megan.melamed@noaa.gov

Co-Mentor name: Chelsea Thompson

Co-Mentor email: chelsea.thompson@noaa.gov

Agency or organization: NOAA CSL



Admin Action

Submitted internship: **Approve**
 Disapprove

Additional comment(s):
(300 characters max)

Accepted for a minimum 3-month EPP NERTO internship. Requires: a workplan developed by CSC and NOAA mentor; substantial engagement with NOAA mentor; and, NOAA-aligned professional development. Queries are sent to: oed.epp10@noaa.gov.

Admin Initials (required):

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