NOAA Experiential Research and Training Opportunity -- NERTO

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# Cohort Requirements

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NOAA Experiential Research and Training Opportunity (NERTO)

**What:** NOAA mission experience that integrates academics with practical NOAA mission-relevant experiential training.

**Who:** NCAS-M Graduate Students

**When:** During the two-year fellowship (preferably during the summer of the first year)

**Where:** NOAA facility (or virtually)

**How:** Guidance of a full-time NOAA employee, 40 hours a week, minimum of twelve weeks.
More about NERTO...

• NOAA scientific or technical project with a NOAA mentor that is:

 ✓ Discrete
 ✓ Can be successfully completed in 12 weeks
 ✓ Occurs at a NOAA facility: office, lab, vessel (or virtually)

NERTO - NOAA Experiential Research and Training Opportunity
Value of NERTO for NCAS-M Student

• Learn technical skills and understand NOAA’s organizational culture

• Apply academic training to real world problems and challenges

• Create networks for future academic and career success
Value of NERTO to Hosting Office

• Access to pool of new talent to advance mission critical research and operations

• Introduce new ideas or research questions and gain publications from internship projects

• Opportunity to work with potential candidates for future workforce
Hosting a NOAA EPP Intern

- Mentor must be a full-time federal NOAA employee
- NOAA host office provides NOAA badge and access to facility, workspace, and network
- NCAS-M award provides student stipends and funds for research or travel
- Project must be entered online using the Student Scholarship Internship Opportunities (SSIO) system
Steps to Complete the NERTO Application

1. Current NERTO internship opportunities can be found in the SSIO
2. New opportunities can be written and uploaded to the SSIO
3. Students submit application package (cover letter, resume, and unofficial transcript) to jmanswell-butty@howard.edu
4. NCAS-M submits application package to NOAA Office of Education (OEd)
5. NOAA OEd submits application package to NOAA Mentor
6. NOAA mentor submits offer letter to NOAA OEd
7. NOAA OEd sends offer letter to NCAS-M
8. Student submits acceptance letter to NCAS-M
9. Student’s acceptance letter along with Center Director’s letter sent to NOAA OEd
10. NOAA OEd forwards acceptance letter to NOAA Mentor
11. NOAA Mentor submits 12-week Workplan to NOAA OEd
12. NOAA OEd approves Workplan
13. NERTO begins

[Image of a star and a circle]
NERTO
At-A-Glance

1. Discrete NOAA Scientific, Engineering, Technical, & Policy Project
2. Student & NCAS-M Academic Advisor Project Selection
3. Engagement with NOAA Host Mentor
4. Established Project Terms: Acceptance
5. NOAA Hosting Office and Mentor Collaborate: Host Student at Site
6. NOAA Mentorship + Student Performance: Successful Products Impacts
NERTO – Important Information for Students

You are ...

• NOAA EPP/MSI-supported;
• aspiring professionals bringing value to the hosting NOAA office/lab and gaining knowledge and skills in NOAA mission areas;
• to avail yourselves of NCAS-M professional development opportunities such as professional correspondence development, resume writing, planning for manuscript development, etc. before, during, and after the EPP/MSI NERTO internship;
• supported in the EPP/MSI NERTO internship and as an NCAS-M Fellow will continue to be supported, as allowable with award funds;
• to be familiar with the NERTO resources accessible online;
• aware that the NERTO period is a minimum of 12 contiguous weeks and a maximum duration of 12 months; and
• aware that NOAA EPP/MSI has the highest expectations for the investment in each student and their successful NERTO internship.
NERTO Must-Know Information

• Start early and set deadlines

• Collaboration (student, faculty advisor, NOAA mentor)

• Student communication is always through NCAS-M

• NCAS-M NERTO points of contact:
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Questions