MATE Internship Program

with the University-National Oceanographic Laboratory System
Funded by the National Science Foundation
OCE AWARD 1757373

Maria Osiadacza
Internship Coordinator

Marine Advanced Technology Education (MATE) Center
Deidre Sullivan, MATE Director
Program Overview & Updates

• MATE Internship Program started with a NSF/UNOLS grant in 1999

• Help meet demand for multi-skilled marine technicians

• Provide opportunities for mentoring/training by marine technicians working on science missions aboard research vessels

• May 2021: announced funding more land-based internships

• July 2021: green light to place three interns on the R/V Atlantis

• Four Internships completed in 2021:
  • 1 land-based internship (July – September)
  • 3 at-sea internships (July – August)

• 2022 - Planning (hoping for 😊) full year of placements:
  • 1 long-term (6 month) and
  • 10-12 short-term internships (4-16 weeks each)
Angeline Deluca

Hosted by the Woods Hole Oceanographic Institution
Worked on the Alvin Upgrade (12 weeks)
Currently Power Generation Technician; transitioning to Marine Engineering
Pursuing QMED (Qualified Member of the Engine Department) Certification
Cherisse Figueroa

Hosted by the Woods Hole Oceanographic Institution
Assisting with the Midlife Refit of the R/V Atlantis (5 weeks)
Collecting marine species data with Alaskan Fisheries on the Bearing Sea
Looking for work in the Marine Technical Field
Grace Fulton

Hosted by the Woods Hole Oceanographic Institution
Assisting with the Midlife Refit of the R/V Atlantis (6 weeks)
eDNA Sampling Technician (UNOLS Tech Pool) on R/V Sally Ride
Bella Lax

Hosted by the Woods Hole Oceanographic Institution
Assisting with the Midlife Refit of the R/V Atlantis (6 weeks)
Attending CSU Maritime Academy; pursuing certification in
Hydrographic Surveying and work in Marine Tech Field
Potential new internship pilot program

• NSF introduced MATE to Dr. Liliana Velásquez Montoya, Internship Program Coordinator

• Naval Architecture & Ocean Engineering Department, US Naval Academy [Internships for Midshipmen :: Academic Research :: USNA](http://www.usna.edu)

• Explore options for MATE to assist with placing USNA interns onboard UNOLS vessels

• Looking for potential hosts for 1 or 2 internships in 2022

• Cruises that support science missions; depart from Continental US

• 4 week (3 minimum) internships within specific summer blocks
  • May 13 - May 27
  • May 31 – June 24
  • June 27 – July 22
  • July 25 – August 17

• Serve 5 years in Navy or Marine Corps after graduation

• Competitive, qualified applicants with desirable training; could potentially join marine workforce in the future

• Separate funding from the MATE Internship Program
What the community gains

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<th>Hosts/Mentors:</th>
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<tr>
<td>• Extra help on board, enthusiastic, eager to learn</td>
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<td>• Direct involvement training next generation of marine technicians</td>
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<td>• Preview of best graduates from marine technology programs for hiring!</td>
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<td>• UNOLS Fleet uses Internship Program to recruit new talent</td>
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<table>
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<th>Interns:</th>
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<td>• Job experience essential for employment, often the most important step; with best role models</td>
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<td>• Better understand the diversity of ocean careers</td>
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<td>• Hands-on experience with cutting-edge technologies not available at educational institutions</td>
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Intern selection process

• Consider hosting interns in 2021

• Complete online host form

• Candidates carefully matched to host’s requirements
  • Summer internships - host receives application responses of 3-5 applicants that best match mission needs
  • Long-term internship – MATE/UNOLS review applicants, determine top finalists and provide host for selection

• Host encouraged to interview candidates

• Host makes final selection

• MATE checks references, makes offer, handles travel logistics

• After – please complete post-internship host surveys

• Continue to use internship to promote marine technical careers

• You are great mentors and role models - THANK YOU!
Thank you! Any Questions?

For more information visit:
www.marinetech.org/internships

Online host survey available
2022 MATE Internship Program Host Survey

Contact:
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