

MATE Internship Program 2019 Update

Maria Osiadacz
Internship Coordinator

with MacKenzie Smith, 2019 MATE Intern

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Deidre Sullivan, Director



Marine Advanced Technology Education (MATE) Center

Internship Program Overview

- **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**
- **Over 360 interns placed; over 200 on UNOLS vessels**
- **Currently funded by NSF Grant ending April, 2021**
- **Funding for each year,**
 - **1 long-term (6 month) and**
 - **12-15 short-term (2-16 week) internships**
 - **Between April – November**
- **Support available to lengthen each internship**



What the community gains

Hosts/Mentors:

- **Extra help on board, enthusiastic, eager to learn**
- **Direct involvement training next generation of marine technicians**
- **Preview of best graduates from marine technology programs for hiring!**
- **UNOLS Fleet uses Internship Program to recruit new talent**

Interns:

- **Job experience essential for employment, often the most important step; with best role models**
- **Better understand the diversity of ocean careers**
- **Hands-on experience with cutting-edge technologies not available at educational institutions**

MATE Internship Alumni Survey

- **How did internship contribute to career development?**
- **91 respondents; 90% employed in STEM field; over 50% hold positions in Marine Technology at:**
 - **WHOI, SCRIPPS, USCG, USCG, SKIO, UW, OSU, UHAWAII, UDEL, NOAA, MBARI, and more**
- **90% claim internship was a major contributing factor in:**
 - **Obtaining employment**
 - **Being accepted into educational program**
 - **Receiving scholarship or other award**
- **Respondents believe internship helped them:**
 - **Decide career path**
 - **Develop professionally (experience, skills, contacts)**
 - **Gain valuable, marketable skills to compete in the workforce**

Explain how the internship affected your career or your life

“I credit my internship as the foundation of my current career. It provided me with industry connections, hands-on experience, and confidence in my ability to work in this environment. I love my job as a marine technician.”

“My current career could not have been possible without this internship. It got my foot in the door and allowed me to meet the crew at the university I now work for. Without the MATE internship, I would not have discovered this unique field.”

“Considering that my mentor offered me a job, I would say my internship directly shot me into my career. I developed certain skills that increased my chances of being offered a job. The opportunities received to work hands on made it much easier for me to learn the job as opposed to reading it out of a book or in a classroom setting.”

“My experience is without a doubt educational. Everyday I learn something new that is part of a seagoing technician’s career. I feel confident that by the end of this internship I will have the knowledge I need to continue my career as a Marine Technician.”

2019 At-Sea Internships

**Emily Cheung – Long-term Internship (6 months)
Hosted by University of Washington**

R/V Rachel Carson

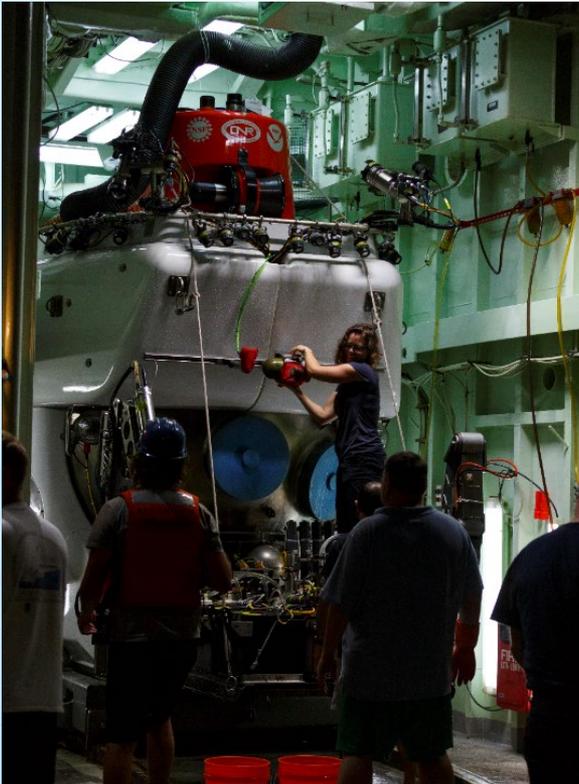


R/V Thomas G. Thompson



2019 At-Sea Internships

Kylie Pasternak
7 weeks
Hosted by WHOI
R/V Atlantis
w/ Alvin Team



Sebastian DiGeronimo
6 weeks
Hosted by UDEL
R/V Hugh Sharp

Shaun Teter
6 weeks
Hosted by UDEL
R/V Hugh Sharp



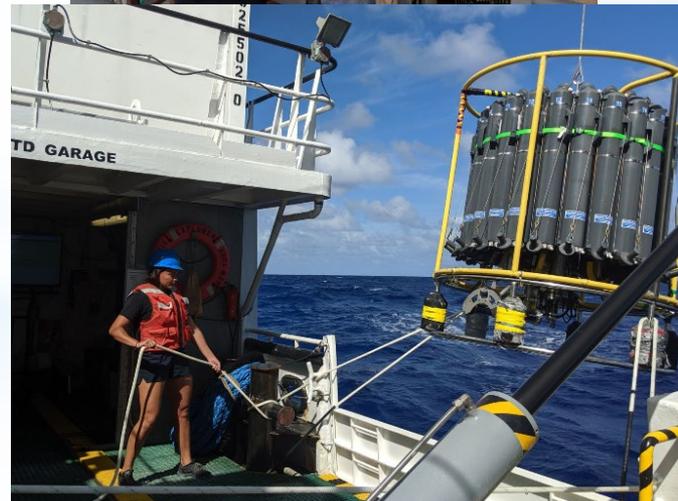
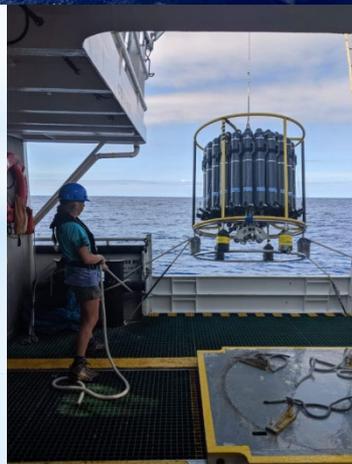
2019 At-Sea Internships

Lila Ardor Bellucci, Jacob Cooper, and Ella Cedarholm
Hosted by UHAWAII/WHOI, R/V Neil Armstrong (6 weeks)



2019 At-Sea Internships

Emma Shannon and Sydney Wewerka
Hosted by BIOS, R/V Atlantic Explorer (9 weeks)



2019 At-Sea Internships

Hosted by UCSD SCRIPPS with STARC on the USCGC Healy

Amitav Mitra
6 weeks



MacKenzie Smith
6 weeks



Alexander Sidelev
10 weeks



Intern selection process

- **Consider hosting interns in 2020**
- **Complete online host form (more info + link coming)**
- **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!**

Any Questions?

For more information visit:

www.marinetech.org/internships

Check out the MATE Internship Blog

www.marinetech.org/internships-blog/

Contact:

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