UNDERSEA TECHNOLOGY INNOVATION CONSORTIUM UTIC

Undersea Tech

June 2023: Stronger Together

UTIC 2023 Scholarship Recipients Announced

UTIC has announced the recipients of its 2023 scholarship program. Six students, ranging from undergraduate to PhD candidates, will each receive a $5,000 scholarship to assist in their studies of undersea technology related fields.

UTIC received impressive applications from students at 22 different colleges and universities across the country. Applications were from 13 states, and 40% of applicants were female, highlighting the growing diversity in STEM fields. Thank you to all the applicants!

The scholarship recipients are:

Graduate

- **Tyler Inkley,** Rhode Island
  - University of Hawaii
  - Class of 2025
  - PhD in Ocean and Resources Engineering

- **Alen Papalia**, Massachusetts
  - Massachusetts Institute of Technology
  - Class of 2024
  - PhD in Mechanical Engineering

- **Victoria Reilly**, Rhode Island
  - University of Rhode Island
  - Class of 2026
  - PhD in Engineering and Applied Mathematics

Undergraduate

- **Ansel Garcia-Langley,** California
  - Massachusetts Institute of Technology
  - Class of 2024
  - Bachelor of Science in Mechanical Engineering

- **Sarah Mayer**, Connecticut
  - University of Rhode Island
  - Class of 2024
  - Bachelor of Science in Ocean Engineering

- **Andrew Motz**, Ohio
  - University of Louisville
  - Class of 2024
  - Bachelor of Science in Mechanical Engineering

Congratulations to the 2023 UTIC Scholarship Winners

Top L to R: Tyler Inkley, Alan Papalia, Victoria Reilly
Bottom L to R: Ansel Garcia-Langley, Sarah Mayer, Andrew Motz

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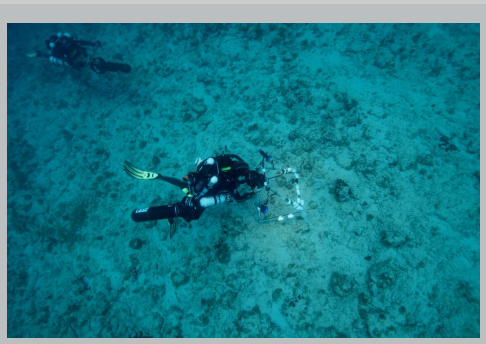
In the News

Naval Undersea Warfare Center "NUWC" Division Newport highlights new Navy projects during Industry Day

UTIC Executive Director Molly Magee weighs in on the importance of collaboration among defense industry leaders after Industry Day event.

"One benefit of being a UTIC member is



The Undersea Tech Industry Has a Responsibility to Develop the Next Generation Workforce

In the Boston Globe, UTIC Executive Director Molly Magee calls on Undersea tech partners to prioritize partnerships with K-12 and higher education institutions to help cultivate the next generation of innovators.

"The future of undersea technology

the ability for member companies to engage and interact in person with technical leaders in the Navy. By bringing government leaders and industry together, we are fostering meaningful collaboration, and empowering our members to identify technology prototyping solutions to meet the Navy's needs," Magee said.

Read the full article here.

Photo by Naval Sea Systems Command

holds endless possibilities for climate change solutions, defense strategies, and the global economy. But none of these opportunities, or other technology advancements, will be achieved without a robust, highly-skilled workforce that is ready to identify and solve future challenges. The tech industry must commit to being involved with developing the next generation workforce through strong and dedicated partnerships with K-12 and higher education institutions."

Read the full article here.

Photo from Boston Globe

New Member Spotlight

As the Undersea Technology Innovation Consortium continues to grow, new members will be highlighted in upcoming newsletters for their exciting work in undersea tech. Keep reading to meet a few of our newest members.

Florida Atlantic University Harbor Branch Oceanographic Institute (HBOI) is a world-class research organization that focuses on exploring marine environments, studying key species, and understanding the connection between humans and the ocean. Located in St. Lucie County in Florida, the 144-acre campus along the Indian River Lagoon prioritizes solution-oriented research that addresses critical issues impacting coastal zones, oceans and human well-being. Research scientists take a global approach, conducting studies around the world in varying climates, ecosystems, and cultures. HBOI specializes in R&D and prototype development for the Department of Defense and has the only facility cleared for classified research in Florida.

Edge Case Research is the trusted system safety partner for programs developing complex systems to include robotic and autonomous platforms. They provide expertise to implement MIL-STD-882E safety engineering requirements efficiently and effectively throughout the entire lifecycle of a program. Edge Case's customers look to them to understand and communicate the safety of complex real-world systems, reduce residual risk, and identify hazards early. Edge Case produces analyses and reports to include:

- Hazard Tracking System
- Preliminary Hazard Analysis
- Fault Tree Analysis
- Functional Hazard Analysis
- Operating & Support Hazard Analysis
- System Requirements Hazard Analysis
- Safety Assessment Report

UTIC welcomes our newest members:

Hydroacoustics, Inc., Edge Case Research, Inc, SyQuest, Inc., Image Acoustics, Inc., MagiQ Technologies, Inc., Customer First Corporation, Custom Materials, Inc., Baker Manafacturing, Inc., Florida Atlantic University, Fairbanks Morse LLC, MBDA, Inc, Applied Research Associates, Inc. (ARA), HII-Ingalls Shipbuilding

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Get In Touch

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