



UNOLS News

Exciting updates from UNOLS & the Academic Research Fleet!

June 2018 - Volume 32, No. 2

Announcing: Green Boats and Ports for Blue Waters IV!



URI Professor Austin Becker leads a panel discussion at the 2016 Green Boats and Ports for Blue Waters III Workshop, photo c/o Alex DeCiccio, URI.

Green Boats and Ports for Blue Waters IV

Hosted by Oregon State University and UNOLS

Portland, Oregon

August 29 - 30, 2018

Registration available now!

Oregon State University and the University-National Oceanographic Laboratory System (UNOLS) invite you to join representatives from academia, government agencies, and private industry to discuss current and future environmental sustainability of ships, boats, and ports. Previous workshops held in 2012, 2014, and 2016



UNOLS EVENTS

[2018 UNOLS Council Meeting](#)

**June 19 - 20, 2018
Williamsburg, VA**

[2018 Spring DeSSC Meeting](#)

**June 27 - 28, 2018
Woods Hole, MA**

[2018 FIC Meeting](#)

**July 9 - 10, 2018
Alexandria, VA**

[2018 SCOAR Meeting](#)

**August 22 - 23, 2018
Moffett Field, CA**

[Green Boats and Ports IV](#)

**August 29 - 30, 2018
Portland, OR**

[2018 RVTEC Meeting](#)

**October 15, 2018
Woods Hole, MA**

[2018 INMARTECH Meeting](#)

**October 16 - 18, 2018
Woods Hole, MA**

[2018 Fall Council Meeting](#)

**November 1, 2018
Alexandria, VA**

[2018 Annual Meeting](#)

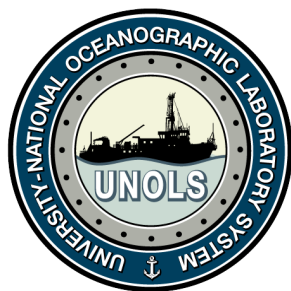
**November 1-2, 2018
Alexandria, VA**

opened a dialog on marine sustainability topics and initiatives. This workshop will continue these discussions and help our community better understand resources and practical solutions available to maximize the environmental sustainability of our existing and future vessels, support facilities, and ports.

The workshop will be 1½ days long, with invited presentations from marine architects, designers, builders, private businesses, representatives of Federal, State and local agencies, and international sustainability experts. Presentations will cover topics such as port sustainability and best practices, emerging green technologies and initiatives, propulsion and fuel efficiency, emissions, ballast water treatment, waste management, recycling, and best practices for environmental sustainability. Progress on greening initiatives within the UNOLS fleet will be reported. An evening poster session is planned with a reception and dinner, and all participants are welcome to provide displays.

The workshop will be held at the Portland Marriott Downtown Waterfront in Portland, OR on August 29 and 30, 2018. Information about accommodations and registration are provided on the [UNOLS website](#).

Funding support for the workshop is provided by the UNOLS federal sponsors (NSF, Navy, NOAA, BOEM, and USGS) and OSU's College of Earth, Ocean and Atmospheric Sciences.



Committee News

Call for Council Nominations

The University-National Oceanographic Laboratory System (UNOLS) is an organization of academic oceanographic institutions working in cooperation with agencies of the U.S. Federal Government to ensure broad



FEATURED PHOTO

Global Class Ship R/V *Thomas G. Thompson* conducting sea trials in the Puget Sound after its 18-month service life refit and upgrade. Photo c/o Todd Schwartz (UW), AB aboard the R/V *Thompson*.

To submit a photo of the month, please email office@unols.org

ARCHIVED NEWSLETTERS

Past UNOLS Newsletters can be found on the [UNOLS Website](#)



FROM THE EDITOR

I would like to thank all who contributed information and articles for this issue of UNOLS News. Articles are always welcome and encouraged. Copy can be submitted by e-mail to [<office@unols.org>](mailto:office@unols.org).

Thank you,
Annette DeSilva
Managing Editor, UNOLS News
E-mail: office@unols.org
Phone: (401) 874-6827

access to modern, well-operated, state-of-the-art research vessels, submersibles, aircraft, and facilities required to support a healthy and vigorous research and education program in the ocean sciences. Currently, UNOLS is actively engaged in academic research fleet modernization efforts, in outreach initiatives for early career scientists, and in efforts to promote a positive work environment at sea. The future fleet composition, capacity, and user demand, along with budgetary realities are all areas that UNOLS will continue to evaluate and provide advice to the federal agencies that support ocean science facilities. Individuals who wish to contribute to these and other UNOLS efforts are needed to fill UNOLS Council seats. The UNOLS Council members represent and act on behalf of the UNOLS membership as the operating and governing body of UNOLS.

Nominations are being sought from UNOLS institutions to fill five Council positions opening in 2018. Requirements for the positions are as follows:

- Chair-Elect Position - affiliation with any UNOLS institution.
- One Operator Position - affiliation with a UNOLS facility operator institution
- One Non-Operator Position - affiliation with a UNOLS institution other than a facility operator
- Two At-Large Position - affiliation with any UNOLS institution.

Nominations for the slate may be submitted by anyone affiliated with a UNOLS institution to [<office@unols.org>](mailto:office@unols.org). Self-nominations are welcome. A 2-page CV and statement of interest should accompany all nominations. Nominations are due by **July 22, 2018**. Nominations are reviewed by the UNOLS Nominating Committee that gives due consideration to the qualifications of the individuals nominated, as well as to maintenance of regional and disciplinary balance on the Council. The committee will then recommend a slate of candidates that will be voted upon by the UNOLS membership in the fall. For more information about UNOLS and its activities, please visit the [website](#). The UNOLS Charter is located [here](#).

Welcome New Committee Members!

All of our committees are staffed by volunteers, and we are so grateful for their time, experience and contributions. We would like to welcome the following individuals to UNOLS!



CO-EDITORS

Caitlin Mandel
Morgan Haldeman

ASSISTANT EDITORS

Hannah Dallas



CONTACT US

UNOLS
URI-GSO
215 South Ferry Rd.
Narragansett, RI 02882

(401) 874-6825
office@unols.org

SHARE THIS EMAIL



- Zoltan Kelety (SIO) joined the Fleet Improvement Committee (FIC) in May.
- Andrew Thurber (OSU) joined the Deep Submergence Science Committee in May.

Joining the RVOC Safety Committee in April:

- Miguel McKinney (U Miami)
- Brandi Murphy (UW)
- Doug Baird (U Alaska)
- Kerry Strom (WHOI)

UNOLS Recognizes Outgoing Committee Members



UNOLS Executive Secretary Jon Alberts presents a Certificate of Appreciation to Al Suchy (WHOI) at the 2018 RVOC Meeting. Photo c/o Caitlin Mandel, UNOLS.

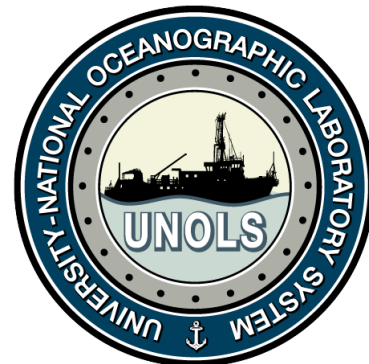
We would like to thank the following individuals for their contributions to the UNOLS community:

- Al Suchy (WHOI) for serving on the Fleet Improvement Committee.
- Rich Behn (U Miami) for serving on the Ship Scheduling and RVOC Safety Committees.
- Bill Fanning (URI) for serving on the RVOC Safety Committee
- Bill Rall (UW) for serving on the RVOC Safety Committee

Early Career Scientist Updates

2018 UNOLS Chief Scientist Training Cruise

SPONSORS





DSV Alvin aboard R/V Atlantis. Photo c/o Dr. Wally Fullweiler.

Applications are in for the December 2018 Chief Scientist Training Cruise! Over 50 responses were received to fill ten spaces aboard R/V *Atlantis*. The ship will set sail to the East Pacific Rise, where they will investigate a chain of seamounts and survey a 2005-2006 eruption. Participants will experience at-sea science hands-on, and will receive instruction on how to conduct deep-submergence vehicle-based research using *Alvin*. Final selection of cruise participants will be made by June 30, 2018. This opportunity was made possible by the NSF, with funding provided by OCE #1834797. The organizers are Dr. Daniel Fornari (WHOI), Dr. Patricia Gregg (U. Illinois Urbana-Champaign), Dr. Dorsey Wanless (Boise State), and Dr. Michael Perfit (U. Florida).

New Volunteer Cruise Opportunities Available



R/V Oceanus sails beneath Yaquina Bridge in Newport, OR. Photo c/o Monita Cheever.

Participating in a research cruise is a scientific adventure, and may often be the chance of a lifetime. The UNOLS Cruise Opportunity Program strives to match enthusiastic graduate students with available berths aboard UNOLS vessels. The selected students would participate in data

collection and at-sea science, familiarizing them with ocean-based research.

Currently, three cruise opportunities are available, each offering up to two berth spaces for volunteer graduate students. Two cruises have an application deadline of July 1: the first, aboard R/V *Oceanus*, is traveling to the Bering Sea out of Nome, AK; the second, aboard R/V *Neil Armstrong*, is heading to the southern tip of Greenland from Reykjavik, Iceland. The third cruise is out of Narragansett, RI aboard the R/V *Endeavor*, and has an application deadline of July 31. For more information and application instructions, click [here](#).

UNOLS Community Updates

WHOI and UNOLS to Host the 2018 INMARTECH Symposium



INMARTECH 2018 will take place at the Sea Crest Beach Hotel in Falmouth, MA and at Woods Hole Oceanographic Institution. Photo c/o Sea Crest Beach Hotel.

Planning is underway for the 2018 INMARTECH Meeting! The Symposium will be held at the Sea Crest Hotel in North Falmouth, Massachusetts, USA with additional sessions, tours, and a reception on the WHOI campuses in Woods Hole, Massachusetts. INMARTECH Symposia were initiated with the purpose of providing a forum for marine technicians to meet and exchange knowledge and experiences, thereby aiming to improve equipment performance, deployment and operational techniques during scientific cruises on research vessels. INMARTECH Symposia are held biannually and have been hosted internationally in Norway, the United Kingdom, the Netherlands, France, Japan, and USA. Visit our website to [register and learn more](#) about INMARTECH 2018.

UNOLS at the Ocean Sciences Meeting 2018 and the FIC

Global SMR Town Hall



The UNOLS Booth at the 2018 Ocean Science Meeting, photo c/o Annette DeSilva.

What better way to spend Valentine's Day than surrounded by the science you love? UNOLS had that opportunity in mid-February during the 2018 AGU Ocean Sciences Meeting in Portland, OR. We would like to thank everyone who stopped by our booth during the meeting.

The UNOLS Fleet Improvement Committee (FIC) hosted a Town Hall at the Ocean Sciences Meeting that was focused on planning for future Global Class research vessels. FIC works to assure that the number, mix and overall capability of ships in the Academic Research Fleet (ARF) match the science requirements of academic oceanography in the U.S. In this context, planning for a new vessel involves creating a "Science Mission Requirements" (SMRs) document that describes the vessel's size, performance, capabilities, and facilities, which then becomes the blueprint to seek funding for detailed planning and eventually, construction. Based on current science programs and future projections, and considering the age and capabilities of the current fleet, the FIC is currently developing a SMR for the next Global Class, general-purpose research ship.

As part of the SMR development process, FIC is engaging the science community through surveys and other forums to gather professional opinions and suggestions on the capabilities that will be needed to support future research operations aboard the Global ships. The Town Hall was well attended and provided the FIC with a first-hand opportunity to inform the members of the oceanographic community about the SMR project and to also gather their feedback. Progress on the SMR document will be reported in the coming months.

Fleet Highlights

R/V *Rachel Carson* at its New Home Port at the U. of Washington



UW Manager of Marine Operations Douglas Russell and UNOLS Deputy Executive Secretary Annette DeSilva in front of R/V Rachel Carson, berthed at the UW dock in Seattle, WA. Photo c/o of Larry Atkinson (ODU/OOI Facility Board Chair)

The newly-upgraded R/V *Rachel Carson* has joined the fleet of University of Washington's School of Oceanography, replacing R/V *Clifford Barnes* as UW's coastal research ship. The 72-foot, coastal-class R/V *Carson* was originally built in Scotland as a fisheries research vessel, first christened R/V *AORA* by the Princess Royal Anne in 2003 (c/o University of Glasgow [news](#)). In 2017, the University of Washington purchased the vessel, renaming it R/V *Rachel Carson* in honor of the late conservationist and marine biologist. The vessel was shipped to Seattle, WA, in winter 2017 and has since been updated with new fire fighting systems, hydraulic controls, and additional life raft capabilities. It made its first state-funded test science voyage in April 2018, during which it collected samples in the Puget Sound for the Washington Ocean Acidification Center. Today, R/V *Carson* awaits its NSF inspection, scheduled for later this year.

NSF No Longer Accepting Proposals for Use of R/V *Marcus G. Langseth*



*R/V Marcus G. Langseth sailing beneath the Golden Gate Bridge
Photo in February 2011. Image c/o Sandbox Studios, San Francisco,
and LDEO - Office of Marine Operations. LDEO/Sandbox Studio SF.*

In a [Dear Colleague Letter](#) dated April 10, 2018, the NSF Division of Ocean Sciences (OCE) outlined its latest decision regarding the status of specialized seismic research vessel (R/V) *Marcus G. Langseth*, operated by the Lamont Doherty Earth Observatory (LDEO) at Columbia University. The NSF expressed that it will no longer accept new proposals that require use of the R/V *Langseth* due to funding unsustainability. The NSF will work to honor already-funded proposals for future use of R/V *Langseth*, but PIs of future proposals should look to industry providers or international/institutional partners for access to seismically-outfitted vessels. Until a solution is determined, the NSF Marine Geology and Geophysics (MGG) program will work with the UNOLS Marine Seismic Research Oversight Committee (MSROC) and the community to identify solutions for provision of marine seismic capabilities. The MSROC has issued a [response](#) to the Dear Colleague Letter, which can be found on the UNOLS Website.

[Follow on Twitter](#) | [Friend on Facebook](#) | [Forward to a friend](#)

Copyright © 2018 UNOLS, All rights reserved.

MailChimp

[unsubscribe from this list](#) | [update subscription preferences](#)