



# UNOLS News

Exciting updates from UNOLS & the Academic Research Fleet!

February 2017 - Volume 31, No. 1

## 2017 UNOLS Fleet Activities



R/V Neil Armstrong (left), photo c/o WHOI. R/V Sally Ride (right), photo c/o Tim Schnoor, ONR.

In 2017, the currently posted ship schedules for the entire UNOLS academic research fleet lists a total of 3,129 operational days (which is a combination of both funded and pending days). It is important to note the ships are also engaged in a host of other activities, beyond the operational charge days, that are necessary to keep the efficiency and reliability of the fleet at high levels. These activities include loading and unloading science gear, shipyard and maintenance periods, inspections and sea trials, etc. It is through the support of our federal funding partners coupled with the scientific endeavors and achievements of the principal investigators that enables our ships to be so active. Of course the ships' crews, technicians, marine operation centers, and administrative staff all play an important role supporting oceanographic research at sea.

Our two newest additions, R/V Neil Armstrong and R/V Sally Ride will have their first full year of operations. Research expeditions will keep the academic fleet plying the waters of the Gulf of Mexico, North and South Atlantic Oceans, North and South Pacific Oceans, and the Arctic Ocean. The ships will also venture into bays, sounds, the Great Lakes, and seas all in an effort to reach each scientific station as outlined in the cruise plan. [Click here](#) to read more about the ships' planned activities for 2017!

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## Fleet Highlights

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### R/V Langseth Presidential Visit



### UNOLS EVENTS

#### [2017 Ship Scheduling Meeting](#)

March 7 - March 8, 2017  
La Jolla, CA

#### [2017 RVOC Meeting](#)

April 19 - April 21, 2017  
New Orleans, LA



### PHOTO OF THE MONTH

A deepwater jellyfish belonging to the genus *Crossota* as depicted in the film, [Beneath The Surface: Exploring Our Global Seafloor](#). The film covers the proceedings of the 2016 Forum for Future Ocean Floor Mapping and the need for a global-scale map of our planet's ocean floor. Image c/o of the National Oceanic and Atmospheric Administration.

To submit a photo of the month, please email [office@unols.org](mailto:office@unols.org)

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NEWSLETTERS



Chilean President Michelle Bachelet aboard R/V Langseth. Photo courtesy of Carlos Diaz/Columbia Global Center Santiago.

On January 9th, Chilean President Michelle Bachelet toured the R/V Langseth while the ship was docked at Valparaiso. All this took place during the ship's break between legs of their seismology research expedition, taking images of the country's seismogenic zone. This research trip is a collaboration between scientists from both the U.S. and Chile, and it is funded by the National Science Foundation. Click [here](#) to read the full article, published by Columbia News.

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## Committee News

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### DESCEND2 Report Now Available, Input Needed!



Participants at the DESCEND2 Workshop in Cambridge, MA. Photo courtesy of Dr. Peter Girguis, Harvard University.

The second DESCEND Workshop was held in January 2016 and focused on determining how both existing and new technologies can be better deployed to help address critical science questions, as well as how federal agencies, non-profit organizations, commercial operations and academic institutions can better work together to advance our understanding of the deep sea.

An outcome of this workshop was a draft summary report

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)>.

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that will be used to provide agency reps, philanthropic organizations, and the broader community with a perspective of current issues and recommendations on how to advance deep sea research. The deep sea science community is invited to provide input on the report, even if you were not present at the workshop. [Click here](#) to review and comment on the summary report!

Please note the deadline for commenting is February 20, 2017.

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## Early Career Updates

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### Amanda Dostie Selected for MATE Long Term Internship!



2017 MATE Intern Amanda Dostie, photo c/o Amanda Dostie

The Marine Advanced Technology Education (MATE) Center is a national partnership of organizations working to improve marine technical education and in this way help to prepare America's future workforce for ocean occupations. In 2011, MATE teamed with UNOLS to create a long-term internship which is designed for soon to graduate or recently graduated students who are interested in pursuing a career as a Marine Technician. The intensive 6-month program combines at-sea and shoreside components to help the intern gain experience

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with shipboard science support instrumentation and equipment while helping him/her develop key skill sets necessary for technical work.

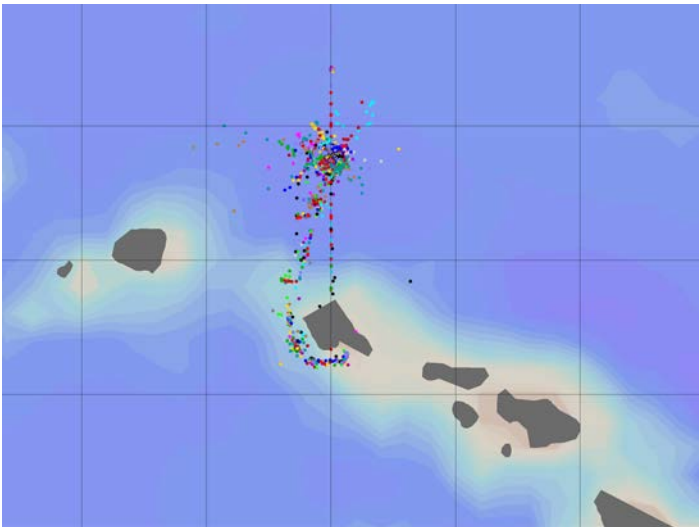
Recent University of Connecticut (UConn) graduate Amanda Dostie was selected for this year's internship. Amanda grew up in coastal Connecticut where the majority of her time was spent in and around the water exploring local flora and fauna, snorkeling, boating, and fishing with her father. At UConn she researched an array of environmental topics including nutrient pollution, water quality, and the biochemical effects of TNT and RDX from abandoned marine munitions. She is currently working on a business model for an algae removal and fertilization project to help affected communities remediate their coasts. While in college, Amanda also became involved in several environmental and community projects and obtained her Operator of Uninspected Passenger Vessel (OUPV) captains license. Amanda was drawn to the MATE Internship because she sees it as an exciting opportunity that would utilize her research, mechanic, and boating skills. She is very excited to use her hands, mind, skills, and strength to work with a team towards a common goal. UNOLS is so pleased to welcome her aboard!

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## Agency Updates

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### SeaView Ocean Data Unification



In an effort to streamline ocean research and science, the Scripps Institution of Oceanography has launched the new SeaView system that integrates data from five databases of ocean data into one searchable data set. This initiative falls under the National Science Foundation's funded, broader project, EarthCube, which aims to improve cyberinfrastructure in order to support science efforts in the years to come. On December 14, 2016 at the AGU's Fall Meeting, Scripps scientists introduced and launched the program. Click [here](#) to learn more about the project.

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