



May 2017

## Inner Space Center News

Hello Ocean Explorers:

It is a busy time of year for the Inner Space Center (ISC)! The ISC is currently working with the E/V *Nautilus* and the NOAA Ship *Okeanos Explorer*, which are exploring two different regions of the Pacific Ocean this month:

The E/V *Nautilus* started their season by mapping the seafloor between San Pedro, CA and the Pacific Northwest, focusing on the Exclusive Economic Zone off the west coast of the United States. The *Nautilus* remotely operated vehicle (ROV) dives will begin in June as the team investigates the area off British Columbia in partnership with [Ocean Networks Canada](#).

The *Okeanos Explorer* is currently in the Central Pacific Basin, a remote, largely unexplored, submarine basin in the central part of the north Pacific Ocean. The goal of this expedition is to collect critical baseline data to better understand the origin of seamounts in the region, and to investigate the deep water communities associated with these seamounts. Telepresence-connected ROV dives will take place almost everyday until May 15, 2017.

**Only a few places are left for the** ISC's Summer 2017 session of **Ocean Science Exploration Camp**. This year's camp will take place from June 26-30, 2017 and will focus on geological oceanography. See below for more information and registration details ([on the ISC Camps page](#)).



## 2017 Ocean Science Exploration Camp - Geological Oceanography

Limited spots remain for the ISC's Summer 2017 session of Ocean Science Exploration Camp. This year's camp will take place from **June 26-30, 2017** at the University of Rhode

Island's Graduate School of Oceanography in Narragansett, RI and will focus on geological oceanography.

Geological oceanography is the study of the sea floor, including its composition, structure, and history. Geological oceanographers study processes of the ocean to discover how the Earth and oceans were formed and how ongoing processes may change them in the future. They examine the ocean from the deepest depths to the shallow coasts, including beaches, estuaries, and rivers.

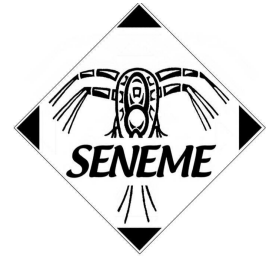


For more information about this summer's Ocean Science Exploration Camp program and registration details, please visit the Camps page on the ISC [website](#).

## **Southeastern New England Marine Educators (SENEME) Association Spring Event**

*Looking to connect with science educators in the area?*

All marine educators are invited to join SENEME for a wonderful Spring Event hosted by the Maritime Aquarium in Norwalk. Participants and their guests will embark on a morning cruise aboard the *Spirit of the Sound* to investigate marine life and spend the rest of the afternoon enjoying the Aquarium. Lunch and parking are provided for this fun event.



**When:** Saturday, June 3, 10AM - 5PM

**Where:** The Maritime Aquarium at Norwalk, Norwalk, CT

**Cost:** \$35 (SENEME Member), \$50 (non-SENEME member, includes membership)

[Register now](#)

## **ISC Education Program Spotlight: *Stirring the Ocean***

Currents in the ocean play an important role in Earth's climate system, weather, and marine ecosystems. It is therefore important to understand the dynamic motion that shapes the ocean environment. Using the tools and techniques of physical oceanographers, program participants will investigate basic oceanographic concepts such as density, buoyancy, pressure, and salinity, as well as explore the science and dynamics of ocean currents, tides, and waves.

All ISC education programs align with the U.S. Next Generation Science Standards (NGSS), as well as the Ocean Literacy Principles and Fundamental Concepts. ISC

education programs can be booked at the ISC, at your site, or virtually (online).

If this program interests you, take advantage of our **"monthly spotlight special."** If you book a *Stirring the Ocean* program in the month of May (actual program does not have to occur in May), you will receive a **15% discount**.

Please contact [tours@innerspacecenter.org](mailto:tours@innerspacecenter.org) with any questions. Book your program [here](#).

## ***Explore With Us* and Sign Up for an ISC Public Tour**

Discover where the latest deep-sea explorations are taking place, see ancient shipwreck artifacts from previous expeditions, and listen to scientists as they make their next discoveries.

Next public tour:  
Tuesday, June 6 @ 3PM

Fee: \$5 per participant.  
Tour registration will close 24 hours prior to the scheduled date.

[Book here](#) (pre-registration is required)

Please contact [tours@innerspacecenter.org](mailto:tours@innerspacecenter.org) with any questions.

[Private ISC tours are also available for school, youth, and public groups, as well as other organizations.](#)



## **Special Programs with the Girl Scouts of**

# Southern New England

Join the Inner Space Center (ISC) and the Girl Scouts of Southern New England (GSSNE) for exciting ocean science education programs. Girl Scouts can sign up through the [GSSNE website](#) and register for the ISC's Walk the Plank(ton) program on June 10, 2017. The program begins with plankton investigations and wraps up with a "build your own plankton" competition.



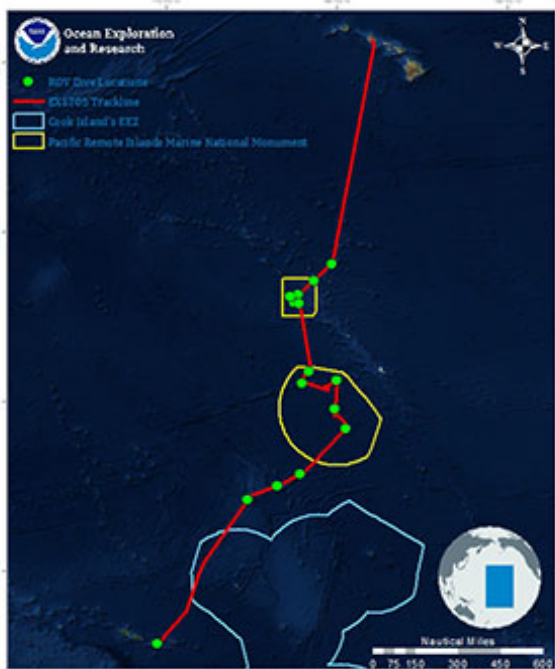
[Register here.](#) Last day of registration is May 26, 2017.

## Walk the Plank(ton) with URI Inner Space Center (J)

Date: Sat Jun 10, 1:00 PM - 2:00 PM  
Location: GSSNE Office, Warwick, RI

# Ship News

## Mountains in the Deep: Exploring the Central Pacific Basin



The NOAA Ship *Okeanos Explorer* began another expedition leg this month, *Mountains in the Deep: Exploring the Central Pacific Basin*. From April 28, 2017 through May 15, 2017, the *Okeanos* will be exploring the Central Pacific Basin, one of the most remote areas on Earth. Large areas of this region have never been mapped or seen by human eyes. The expedition will cover an area of more than 2,400 miles, from Pago Pago American Samoa to Honolulu, Hawaii. Fifteen planned ROV dives aim to answer questions, such as, *How were seamounts in the region formed?, How old are they?, and What biological communities exist there?*

Read more about this expedition on the *Okeanos Explorer* [website](#).

The E/V *Nautilus* kicked off their 2017 field season this month. For the third year in a row, the *Nautilus* team will be exploring the Eastern Pacific Ocean. The Corps of Exploration will start their season surveying unexplored offshore regions of British Columbia, Canada and then make their way down the west coast of the United



States. They will end their season in Baja California, Mexico. Live ROV dives will start in June 2017, as the *Nautilus* partners with Ocean Networks Canada to work on several underwater observatory nodes. To find out more about the *Nautilus* 2017 field season, visit their [website](#).



## Northwest Passage Project

"The Northwest Passage Project is intended to raise awareness of climatic changes in the Arctic region, their resulting impacts, and how science is helping to address critical environmental problems. Our participating scientists and students will experience the changing Arctic during our August 2017 Northwest Passage expedition, during which they will make several stops along the way to visit with Inuit Native communities." - Gail Scowcroft, Principal Investigator and ISC Associate Director

The SSV *Oliver Hazard Perry* is preparing for this summer's Northwest Passage expedition. The *Oliver Hazard Perry* will be leaving Newport in June to make its way to Pond Inlet, where the *Northwest Passage Project* will commence. As the ISC prepares for the expedition, the ISC team will hold an orientation for the student participants from June 14-18.

The students will conduct research along side the scientists onboard. They will also be writing blog posts during their orientation. In the meantime, catch up on blog posts from expedition participants on the [Northwest Passage Project website](#).

To learn more about the expedition, project partners, and more, please visit the [Northwest Passage Project](#) website. For project updates, please be sure to follow the ISC on social media (#NWPproject).



## ISC Team Members Receive Special Award

The ISC's Christopher Knowlton and Holly Morin received the National Hurricane Conference Outstanding Achievement Award in Education during the April 2017 National Hurricane Conference in New Orleans, LA. The award recognizes their work in organizing, facilitating, and promoting hurricane science webinars for 4-6th grade students, and the "willingness and enthusiasm" of the ISC team that has helped the National Hurricane Center and National Oceanic and Atmospheric Association increase hurricane outreach and education for school children across the country. Tens of thousands of educators and students have been reached by their programs.



Inner Space Center | University of Rhode Island | Graduate School of  
Oceanography | 401.874.6119 | [innerspacecenter@gmail.com](mailto:innerspacecenter@gmail.com) |

[www.innerspacecenter.org](http://www.innerspacecenter.org)

STAY CONNECTED:



Inner Space Center, University of Rhode Island,  
Graduate School of Oceanography, Narragansett, RI 02882

[SafeUnsubscribe™ {recipient's email}](#)

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [erin\\_bilbo@uri.edu](mailto:erin_bilbo@uri.edu) in collaboration with

**Constant Contact** 

Try it free today

