May 2016

Inner Space Center News

From ISC Mission Control...

Hello explorers! Expedition season is up and running! Don't forget to tune into the live stream from the NOAA Ship Okeanos Explorer, as it explores the largely unknown areas in and around the Marianas Trench Marine National Monument (MTMNM) and the Commonwealth of the Northern Mariana Islands (CNMI). The E/V Nautilus will be kicking off their 2016 season on May 11th! You can watch live on the ISC site as their team explores national marine sanctuaries, submarine canyons, and even the wreck of a nuclear powered combat ship, the USS Independence.

Staff Spotlight

Meet Alex DeCiccio, the media producer of the Inner Space Center. Alex is a Rhode Island based photographer and video producer. At the ISC, Alex works to produce visually compelling stories about scientists and their research. He also directs live broadcasts to the web, more recently broadcast television, from both research vessels and the studio at the Inner Space Center. His work brings him, and his camera, to various places around the world. Most recently he returned from a small expedition, funded by National Geographic, to the Solomon Islands in the Southern Pacific. He worked with a local scientist to document research around one of the most active underwater volcanoes in the Pacific, called Kavachi. Alex will also find himself aboard Dr. Robert Ballard's exploration vessel the E/V Nautilus with work ranging from topside photography to operating cameras on remotely operated vehicles which are making discoveries in the deep ocean.

2016 Ocean Science Exploration Camp

The August 15-19, 2016, session of ISC Ocean Science Exploration Camp is currently full. If you are still interested in this camp program, please consider including your contact information on the ISC camp wait list.

The 2016 Inner Space Center's Ocean Science Exploration Camp will be held Monday, August 15 - Friday, August 19, 2016, and will focus on chemical oceanography. Camp is intended for children 11-15 years old. If you have any questions, please contact ISC Education Specialist, Holly Morin, by e-mail, holly_morin@uri.edu or phone, (401)
ISC Education Programs: "Testing the Waters"

The ISC has recently re-vamped its education programs, and is now offering an expanded suite of hands-on and interpretive activities on a variety of topics. This month we are highlighting the "Testing the Waters" program. This 45-minute program, led by an ISC Education Specialist covers the topics of chemistry, ocean acidification, and its impact on marine ecosystems.

Carbon dioxide (CO2) originating from human activity is released into the atmosphere and dissolves into the world’s oceans, causing ocean acidity to increase significantly. This causes significant consequences for individual marine organisms, communities, ecosystems, and food webs. Hands-on experimentation will guide participants in understanding the science behind ocean acidification and its potential impacts on marine animals and ecosystems.

All ISC Educational Programs align with the Next Generation Science Standards as well as Ocean Literacy Principles. For more information or to book an education program please visit our website.

Ship News

From April 20 to May 11, 2016, NOAA Ship Okeanos Explorer will conduct Remotely Operated Vehicle operations to explore the largely unknown region of the Marianas Trench Marine National Monument (MTMNM) and the Commonwealth of the Northern Mariana Islands (CNMI). For more information on the 2016 Okeanos Explorer field season, please visit NOAA Office of Ocean Exploration and Research's website. The E/V Nautilus will start their field season May 11, 2016 with the Ocean Networks Canada project off of British Columbia, Canada. The ISC will be broadcasting live footage from the Okeanos Explorer and the E/V Nautilus. You can watch live on the ISC website.

News: ISC Team Helps with El Faro investigation

The ISC team worked with the National Transportation Safety Board (NTSB) and Woods Hole Oceanographic Institute (WHOI) to further the investigation of the El Faro cargo ship which sank during a hurricane in October 2015. Both facilities used ISC telepresence technologies to help locate the black box (voyage data recorder). For more details please visit the ISC website.

Sign up for the next public tour!

Explore with us and sign up for an ISC public tour! The next public tour will be held on June 7, 2016.

These tours are open to the public and the cost is $5 per person. To reserve a spot for the June tour, visit our website. Note: tour registration will close 24 hours prior to the scheduled date.
Global Ocean Science Education Workshop 2016
The 2016 Global Ocean Science Education (GOSE) Workshop is confirmed for June 13-15, 2016 in Paris, France at UNESCO Headquarters! **Registration** is now open. This year's workshop will focus on **Science, Education, Business, and Policy Roles in Implementing International Policies Related to the Ocean, the Ocean and Human Health, the Blue Economy and Workforce Needs, and the Role of Informal Science Education Institutions on Policy**. The workshop will include an effective practices session on marine related citizen science co-led by **COSEE** and the European Union's **Sea Change** Project. A draft agenda and more information are available on the GOSE workshop [website](#). See you in Paris!

COSEE Webinar: Professional Development for Early Career Scientists
Public understanding of ocean science is increasingly important as society faces complex environmental issues that require rigorous research. Communicating scientific complexity to the public is challenging, thus emergent scientists can benefit from professional development (PD) that helps them connect their research to its societal impacts. The COSEE network has developed, implemented, and tested several PD models with early career scientists, which will be shared during the webinar event. Ideas for future PD will also be discussed with a focus on the needs of early career scientists based in Europe.

Presenters:
Annette deCharon, Senior Marine Education Scientist, University of Maine, School of Marine Sciences, Walpole, ME
Ivo Grigorov, Research Secretariat, DTU Aqua, Technical University of Denmark, Lyngby, Denmark
Jesica Waller, Graduate Student, University of Maine, School of Marine Sciences, Walpole, ME

To attend this webinar, you must register using this [link](#) by May 16, 2016.

Problems/questions? Please contact **Andrea Gingras** (401-874-6524).