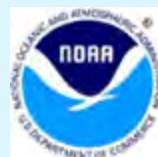




# University-National Oceanographic Laboratory System ~UNOLS~

**UNOLS DeSSC Meeting**  
**Woods Hole, MA**  
**June 27-28, 2018**





## UNOLS Report to DeSSC

- UNOLS Office Transition
- Civility at Sea
- Outreach and Early Career Activities
- UNOLS Goals
- Upcoming Workshops
- Post Cruise Assessment Reports



# UNOLS Office Recompetition

## *timeline*

<b>2018</b>	
March 16	Proposals due (to UNOLS Chair or UNOLS Office)
April 1 – July 1	Evaluation of Proposals
July 15	Evaluation Committee recommendation to UNOLS Council
Late July	Notify Agencies of Evaluation Committee recommendation
August 1	Recommendation circulated to UNOLS membership for concurrence
August 15	Notify Institution selected as the UNOLS recommendation
October 15	Recommended Host Institution submits proposal to NSF and other Funding Agencies
<b>May 1, 2019</b>	<b>UNOLS Office established at new host institution</b>



# 2017/2018 UNOLS Goals

- Improve quality of life and morale at sea (food, exercise, fun, internet)
- Ensure a smooth transition for the new UNOLS Office, including analysis of existing structure and suggestions for future changes.



# Video Project: Shipboard Civility

- Collaborative effort between NSF, ONR, NOAA, and UNOLS
- Will be composed of three modules
  - Module 1 (~ 10 minutes) – *Shipboard Civility: Fostering a Respectful Work Environment*
    - NOAA is supporting production, produced by Maritime Training Services Applicable to all Research Vessels
    - Explains appropriate, respectful behavior and provides Scenarios as animations
  - Module 2 (10-12 minutes) – Fleet-Specific Video
    - Issues/information/practices that apply to all UNOLS ships
  - MTS is under contract to produce the videos.
  - We will own the videos and they can be shared openly (e.g., YouTube)
  - Module 3 – Ship specific information regarding policies and reporting. In the form of posters or PPTs



## **UNOLS video – draft scenarios**

### **MERAS committee- Maintaining an Environment of Respect Aboard Ships**

- **Discrimination-** Assuming someone’s knowledge or ability based on how they look (Beginning of cruise/ Loading ship)
- **Cornered/ trapped/ stalked** (shipboard laboratory scene)
- **Bullying** (on deck)
- **Unwanted sexual advance / harassment** (off-ship at end-of-cruise party: an abrupt change in environment and perceived relationship)



# University-National Oceanographic Laboratory System

## ~UNOLS~

## UNOLS Outreach and Early Career Investigator Initiatives



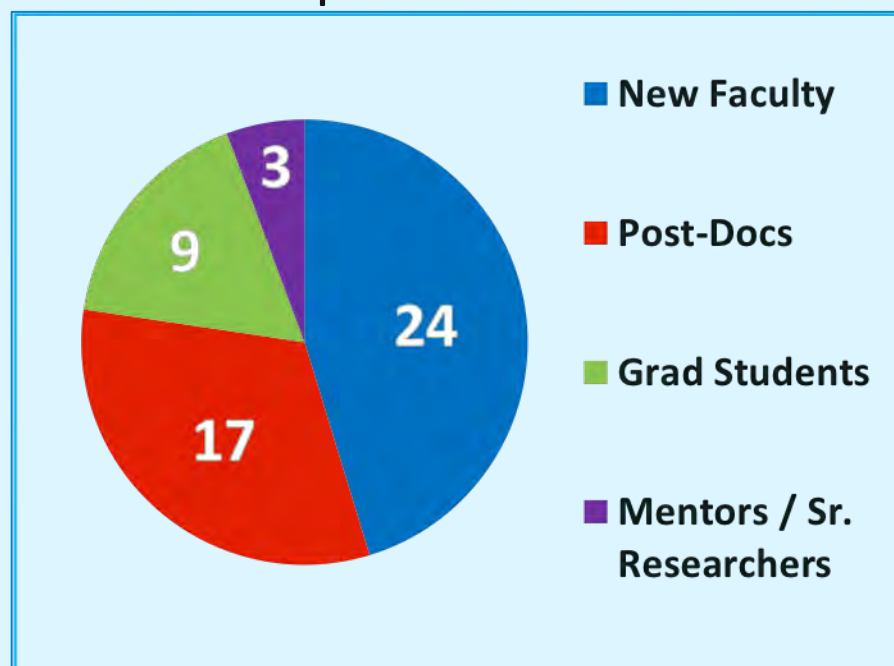




## 2018: Chief Scientist Training Workshop R/V Atlantis with Alvin/Sentry, Dec 3-21 East Pacific Rise: 9N

**Berths available:** 10  
**Applications received:** 53  
**Institutions:** 44  
**Disciplines:** 5  
Microbiology, (Macro)biology,  
Chemistry, Geology,  
Physics/Engineering

Participant Career Level



*Cruise funded by the NSF (OCE #1834797)*

*Organized by: Dr. Daniel Fornari (WHOI), Dr. Patricia Gregg (U. Illinois Urbana-Champaign), Dr. Dorsey Wanless (Boise State), and Dr. Michael Perfit (U. Florida)*





# Chief Scientist Training Workshops Statistics

## Tracking the Participants:

- 215 Participants in CSTW over 7 years (2011 – 2017)
- 50 Participants submitted a total of 280 STRS Requests (114 as PI, 166 as Co-PI)\*
- 68 Requests funded = ~24% (18 as PIs and 50 as CoPIs)

Papers featuring data collected on Chief Scientist Cruises have been published in *PNAS*, *Deep-Sea Research Part II*, and other journals

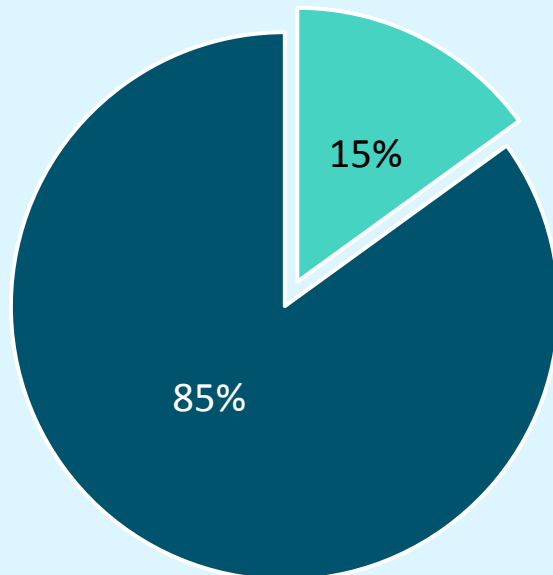
\* Statistics based on STRs submitted after participation in training workshop



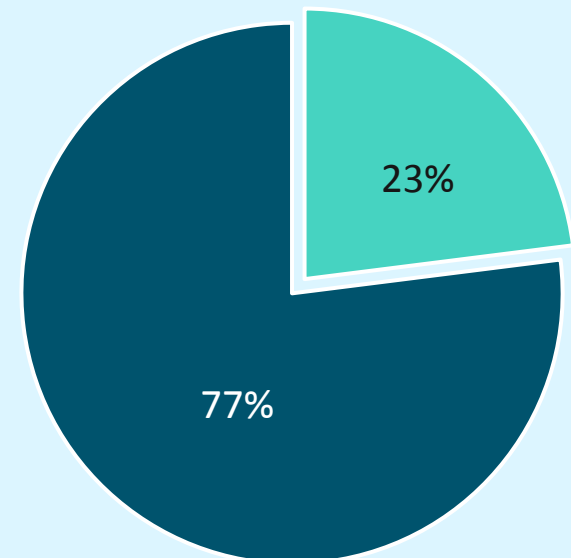


# STR Submission Rate by CSW Participants

Percentage of people who submitted STRs **before** taking part in an CSW



Percentage of people who submitted STRs **after** taking part in an CSW



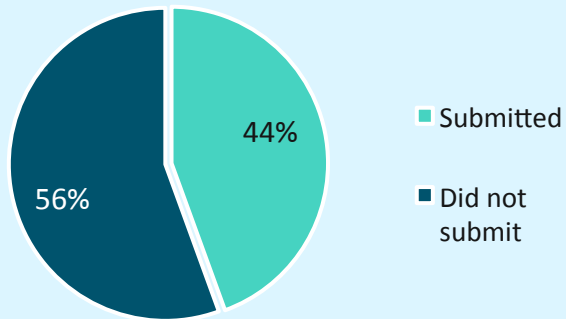
- Submitted
- Did Not Submit

*Thanks to Hannah Dallas, Caitlin Mandel, & Morgan Haldemon for the data!*

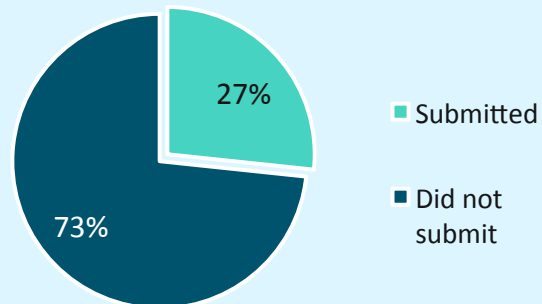


# Percentage of CSW Participants that Submitted STRs Post Cruise

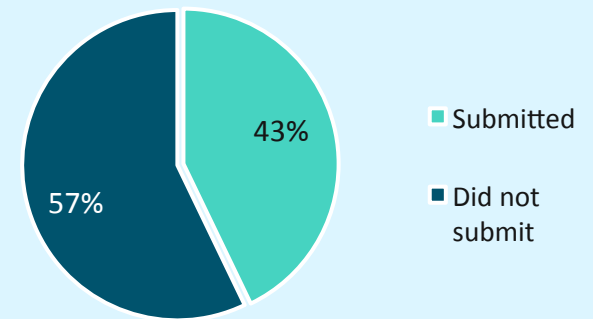
% 2011 participants



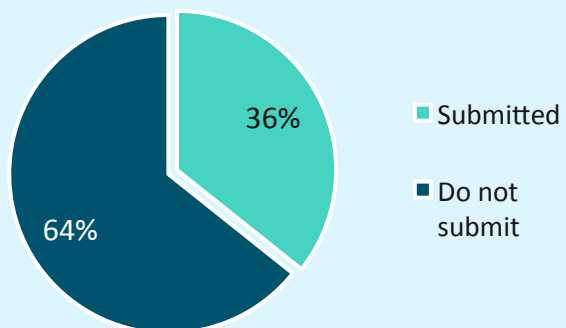
% 2012 participants



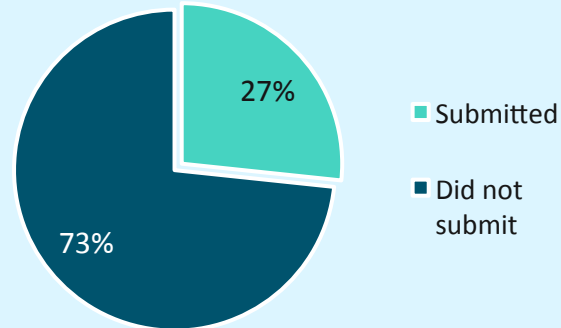
% 2013 participants



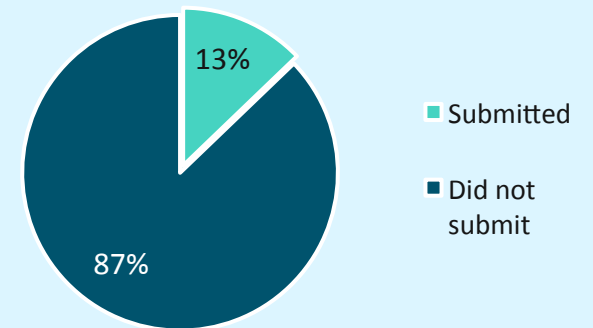
% 2014 participants



% 2015 participants



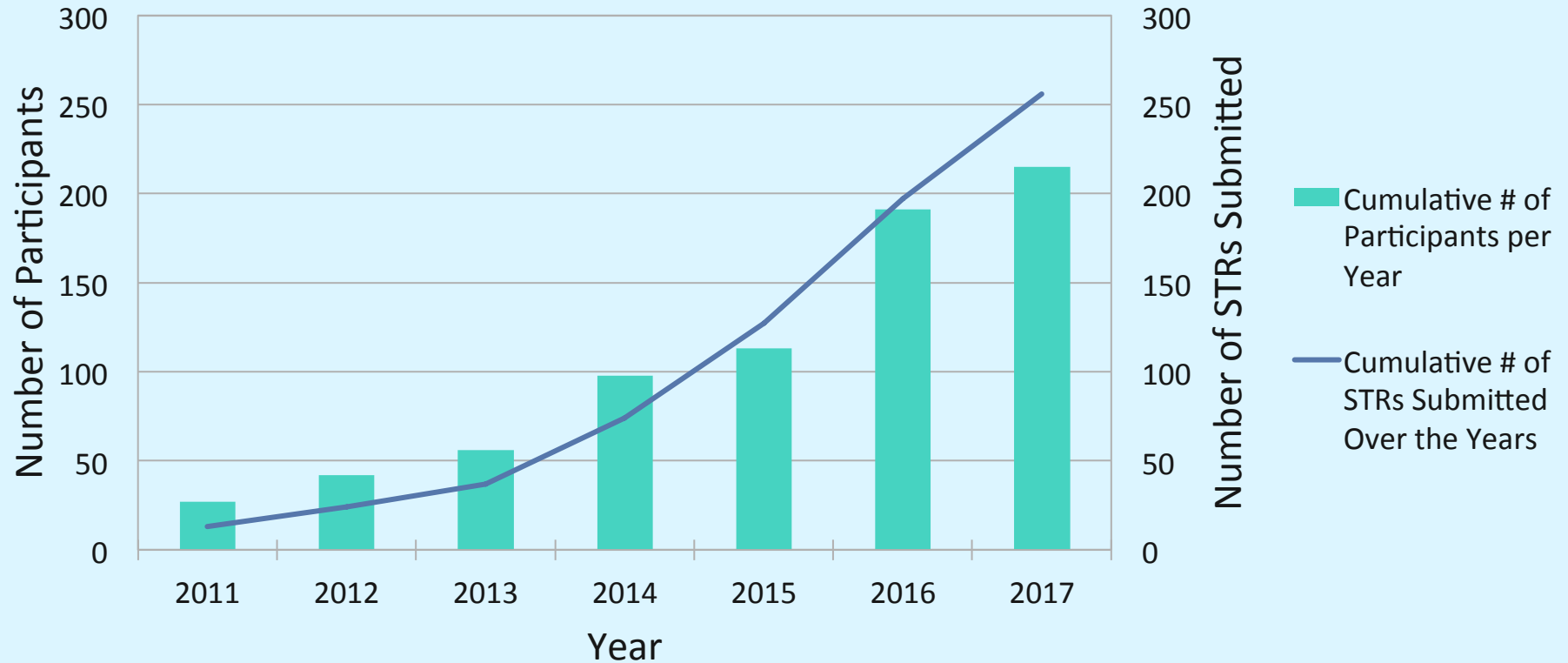
% 2016 participants





# Cumulative Number of Participants and STR Submissions

Cumulative # of participants and STR submissions following years after the CSW





# Social Media Engagement, May 7 – June 5, 2018

## Twitter:

- 28 day total impressions (tweet views): 18,194 people (+42.9%)



## Facebook:

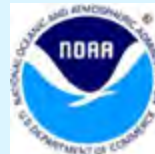
- 20 new followers (82% increase in likes)
- 28 day organic reach (post views): 20,666 people





# University-National Oceanographic Laboratory System ~UNOLS~

## 2018 Workshops and Symposiums







## Registration is open!

<https://www.unols.org/event/meeting/green-boats-and-ports-iv>

Organization	Topics
Green Marine	Third-Party Certification
NOAA	Human side of environmental management
Wylie Charters	Sail Assist Research Vessels
ASV Global Green	Advantages of Autonomous Vessels
Panolin	Environmentally Acceptable Lubricants
Navis	Energy Mgt Solutions Clean Power, Quality, Energy management
Jasco	Applied Sciences URN Measurement and Monitoring for Ports & Harbors
SIO	Zero-V: A Hydrogen Fueled Research Vessel
MBARI	<i>Re-Powering the R/V Rachel Carson</i>
USCG	USCG Pollution Prevention Programs
ARUP	Greening Initiatives





# INMARTECH Symposium - 2018



**Date:** INMARTECH 2018 - October 16-18

- Tuesday, Wednesday, Thursday
- Friday (10/19) – training and tours of local facilities.
- RVTEC (10/15) – One day U.S. meeting

**Venue:** Woods Hole Oceanographic Institution (WHOI) and Sea Crest Beach Hotel: <http://www.seacrestbeachhotel.com>

- Plenary sessions and meals at the Sea Crest Beach Hotel.
- Breakout Sessions, tours, exhibits at WHOI



*Thank you!*