



University-National Oceanographic Laboratory System

~UNOLS~

UNOLS Outreach and Early Career Investigator Initiatives



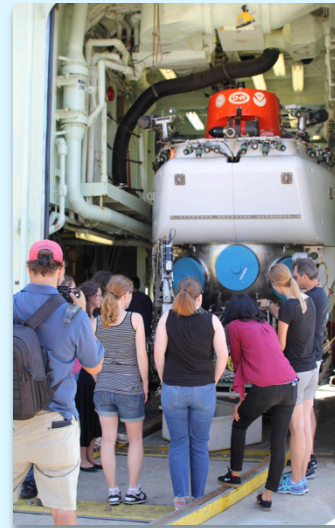


Chief Scientist Training Workshops

2011 through 2018 –

21 cruises on 11 different vessels:

- *Intermediate Ships:*
 - *Wecoma, New Horizon,*
 - *Endeavor, Atlantic Explorer*
- *Regional and Local Ships:*
 - *Blue Heron, Point Sur, &*
 - *Hugh Sharp*
- *Global Vessels:*
 - *Thomas G. Thompson*
 - *Atlantis with Alvin, Sentry, and Telepresence*
 - *R/V Sikuliaq*
 - *R/V Revelle – Marine Seismics*





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

Berths available: 10

Applications received: 53

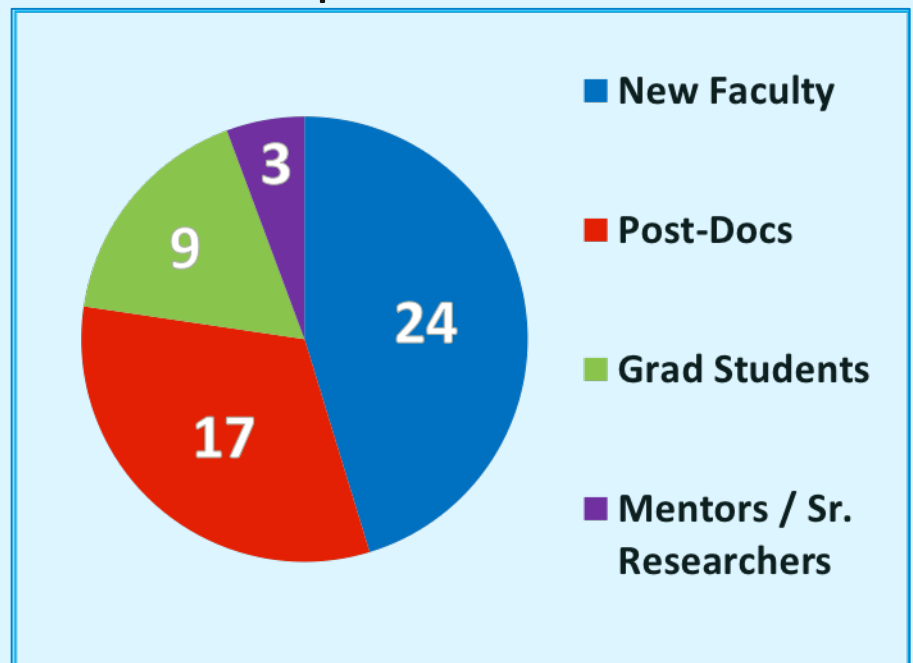
Institutions: 44

Disciplines: 5

Microbiology, (Macro)biology,
Chemistry, Geology,
Physics/Engineering

**Shore-Side Participant
Opportunities**

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)



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

- NSF/UNOLS/AGU EARLY CAREER SCIENTIST TRAINING SERIES:



- #1: EPR 9-10°N SCIENCE SUMMARY - 14 Sept
Dan Fornari, WHOI; Michael Perfit, U. Florida
- #2: NATIONAL DEEP SUBMERGENCE FACILITY OVERVIEW
5 Oct, Dr. Adam Soule
- #3: LIFE AND SAFETY AT SEA - 26 Oct
Jon Alberts, UNOLS
- #4: SCIENCE COMMUNICATION AT SEA - Friday, 2 Nov - 2pm–
3pm ET - Ken Kostel, WHOI



DEC
22

Deep-sea Exploration in the
21st Century: Tour Research
Vessel Atlantis and...

by Woods Hole Oceanographic
Institution

Free

Saturday, December 22, 2018:

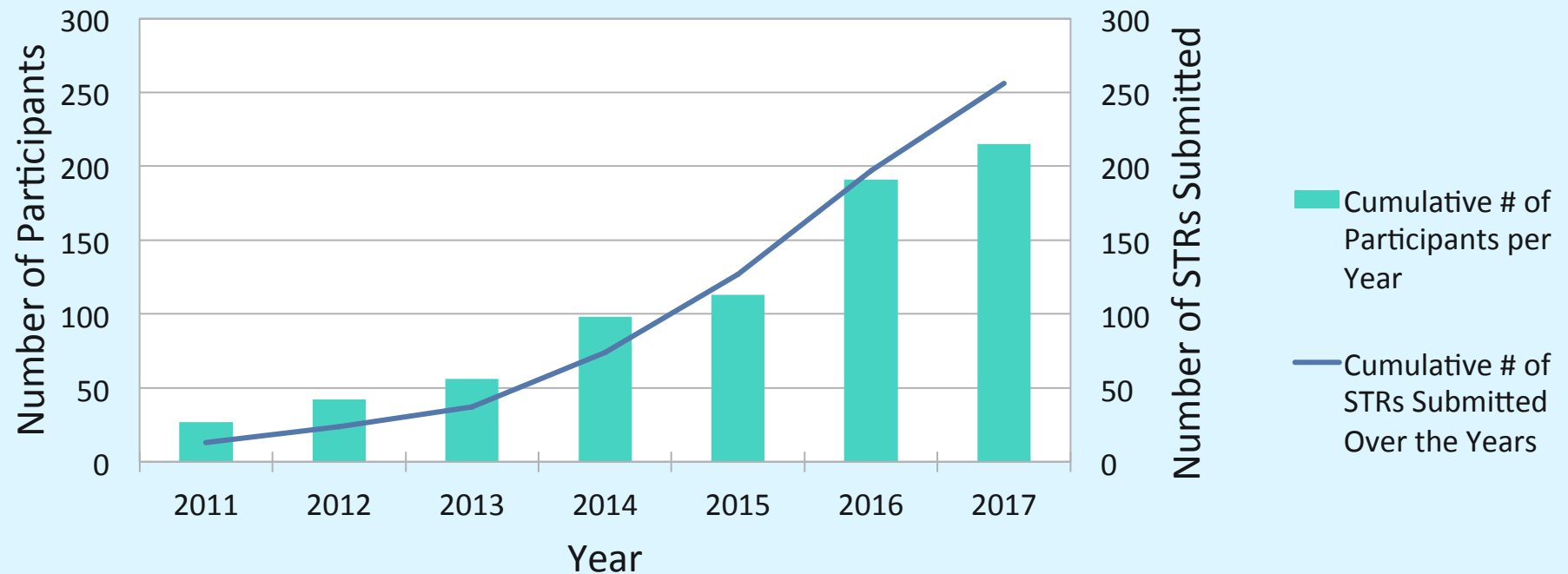
- “Deep-Sea Exploration in the 21st Century: Tour the research vessel *Atlantis* and submarines used to explore inner space...”
- San Diego - B Street Pier: “Learn about the ocean and seafloor; meet young scientists just beginning their careers in marine chemistry, biology, geology, and engineering; and hear what it means to be a modern-day explorer.”
- Organizers: WHOI, NSF, ONR, SIO, NOAA, UNOLS, AGU

Early Career Scientist Cruise Broadcasts to the 2018 Fall AGU meeting are planned!

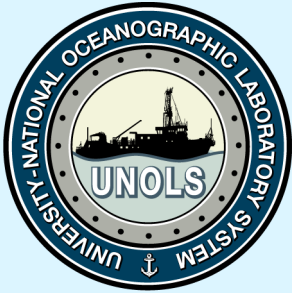


Cumulative Number of Participants and STR Submissions

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



- 215 Participants in CSTW (2011 – 2017)
- Over 250 STRS Requests submitted (*PI and Co-PI*)*
- 68 Requests funded = ~24%
- Papers published!



DeSSC 2018 New User Program

- Program is in its 8th year and interest remains high!
- December 8-9, 2018 in Washington, DC
- 51 Applications submitted
- 29 participants selected for the program
- Program:
 - Introduction to Facility Operators & Vehicle Capabilities
 - Meet Program Sponsors - Learn about research and funding opportunities
 - Vehicle Operations, Access to Vehicles, & Technology
 - Interact with Deep Sea Enthusiasts & Agency Reps