



University-National Oceanographic Laboratory System ~UNOLS~

UNOLS DeSSC Meeting December 9, 2018





UNOLS Report to DeSSC

- UNOLS Office Transition
- UNOLS Goals
- Outreach and Early Career Activities
- UNOLS/FIC Town Hall – Global Class Research Vessels
- Call for DeSSC Nominations



UNOLS Office Recompetition

2018	
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 Selected Institution: University of Washington selected as the next Office with Doug Russell as UNOLS Ex. Secretary

Weekly meetings between URI and UW

May 1, 2019 **UNOLS Office established at University of Washington!**



2017/2018 UNOLS Goals

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



Improve Quality of Life at Sea

- **UNOLS Council Subcommittee on Quality of Life at Sea**: Kipp Shearman, Deborah Sternberg, and Rhian Waller
- **Background**:
 - Many improvements have been to the fleet made over the past decade, including the addition of new research vessels.
 - UNOLS would also now like to turn attention to improving the quality of life and morale while working at sea, for both the crew, technicians, and scientists.
- **Initial survey sent to Council, RVOC, FIC, DESSC, RVTEC in Oct.**
 - What efforts are currently being made...
 - What additional changes might be needed...
 - What resources are needed...
- **Improvement suggestions** range from increased bandwidth to cook-outs.

Next Step – Reach out to broader audience



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UNOLS Outreach and Early Career Investigator Initiatives

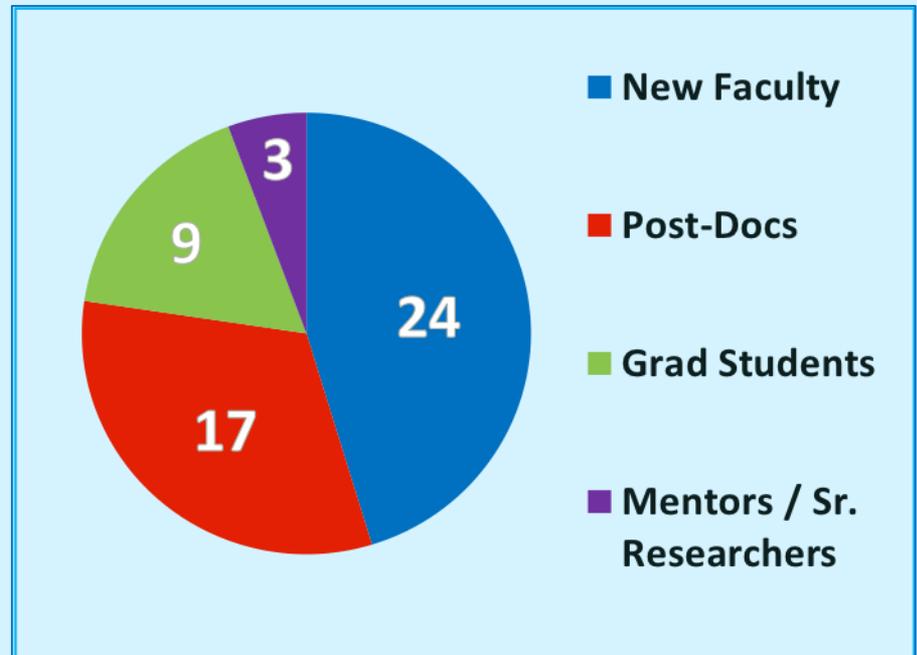




2018: Chief Scientist Training Workshop R/V *Atlantis* with *Alvin/Sentry*, Dec 3-21 East Pacific Rise: 9N

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)



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!



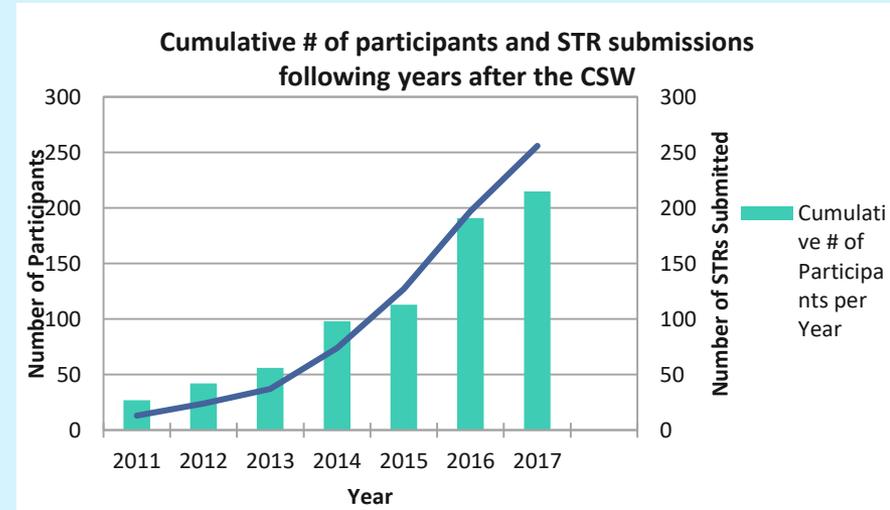
Chief Scientist Training Workshops Statistics

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





Town Hall: Planning for the next US Global Class Research Vessel

Fall AGU Meeting - UNOLS Town Hall Announcement

Planning for the next US Global Class Research Vessel

Hosted by the UNOLS FIC Subcommittee on Global Ship SMRs: Gregory Cutter, Chair; Byron Blomquist; Suzanne Carbotte; Zoltan Kelety; Clare Reimers; Ethan Roth; and James Swift

When: Thursday, December 13, 2018: 6:15 PM – 7:15 PM

**Where: Marriott Marquis Washington DC
901 Massachusetts Avenue NW
Room: Independence Salon FGH (located on M4 level)**



DeSSC Call for Nominations

~ 3 Positions are open ~

Nomination deadline **December 31, 2018**

Self Nominations are welcome!

<https://www.unols.org/news/council-updates/call-nominations-dessc-fic-and-scoar-committees>



Thank you!