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

<table>
<thead>
<tr>
<th>2018</th>
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<tbody>
<tr>
<td>March 16</td>
<td>Proposals due (to UNOLS Chair or UNOLS Office)</td>
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<td>April 1 – July 1</td>
<td>Evaluation of Proposals</td>
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<tr>
<td>July 15</td>
<td>Evaluation Committee recommendation to UNOLS Council</td>
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<tr>
<td>Late July</td>
<td>Notify Agencies of Evaluation Committee recommendation</td>
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<tr>
<td>August 1</td>
<td>Recommendation circulated to UNOLS membership for concurrence</td>
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<td>August 15</td>
<td>Notify Selected Institution: University of Washington selected as the next Office with Doug Russell as UNOLS Ex. Secretary</td>
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*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
University-National Oceanographic Laboratory System

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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

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
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!

Thank you!