UNOLS Report to RVTEC

• UNOLS Office Transition
• UNOLS Goals
• Civility at Sea – *Will be covered by Brandi Murphy*
• Outreach and Early Career Activities
• Post Cruise Assessment Reports
• Upcoming Workshops
# UNOLS Office Recompetition

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</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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<tr>
<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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<tr>
<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*

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<tr>
<td>May 1, 2019</td>
<td>UNOLS Office established at new host institution</td>
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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)
Quality of Life at Sea Survey

- 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.

- A survey was distributed on October 1st. (just three questions).
- Improvement suggestions range from increased bandwidth to cook-outs.
- Responses are requested by October 15th.
- A summary of responses will be provided at the UNOLS Council meeting in early November.
University-National Oceanographic Laboratory System

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)
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*
Percentage of CSW Participants that Submitted STRs Post Cruise

- **% 2011 participants**
  - Submitted: 44%
  - Did not submit: 56%

- **% 2012 participants**
  - Submitted: 27%
  - Did not submit: 73%

- **% 2013 participants**
  - Submitted: 43%
  - Did not submit: 57%

- **% 2014 participants**
  - Submitted: 36%
  - Did not submit: 64%

- **% 2015 participants**
  - Submitted: 27%
  - Did not submit: 73%

- **% 2016 participants**
  - Submitted: 13%
  - Did not submit: 87%
Cumulative Number of Participants and STR Submissions

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

Year
Number of Participants
Cumulative # of Participants per Year
Cumulative # of STRs Submitted Over the Years
Number of STRs Submitted
• PCAR Subcommittee has evaluated services that could be provided by a commercial vendor
• Can be integrated with the STRS to prefill relevant fields
• Can be filled out on your computer, tablet, or phone

To what extent were the planned science objectives of this cruise met?

91-100%  81-90%  71-80%  61-70%  60% or Below  N/A

Please provide a BRIEF, 1-2 sentence description of the science objectives for this cruise (ie. CTD casts, survey transects, mooring deployment, etc.). Please specify how the service and support of the ship contributed to the factors that affected the completion of the science objectives, especially if not all of the objectives were met (ie. weather, equipment failure, etc.).

Rate how well the scheduling of this cruise supported achieving the scientific objectives of this cruise (appropriate ship, year, season & dates, communications regarding schedules, online systems and scheduling process).

Excellent

Very Good
• Returns data in filterable, searchable texts, graphs, and tables
Workshop: Green Boats and Ports for Blue Waters IV

Portland, Oregon
August 29 – 30, 2018

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

- **Organization**
- Green Marine
- NOAA
- Wylie Charters
- ASV Global Green
- Panolin
- Navis
- Jasco
- SIO
- MBARI
- USCG
- ARUP

- **Topics**
- Third-Party Certification
- Human side of environmental management
- Sail Assist Research Vessels
- Advantages of Autonomous Vessels
- Environmentally Acceptable Lubricants
- Energy Mgt Solutions Clean Power, Quality, Energy management
- Applied Sciences URN Measurement and Monitoring for Ports & Harbors
- Zero-V: A Hydrogen Fueled Research Vessel
- Re-Powering the R/V Rachel Carson
- USCG Pollution Prevention Programs
- Greening Initiatives
Thank you!
Post Cruise Assessment Reports

Fleetwide Percent Return for Post Cruise Assessments 2007-2017

- Captain
- Chief Scientist
- Marine Technician

% Return

Year