University-National Oceanographic Laboratory System

~UNOLS ~

UNOLS Outreach and Early Career Investigator Initiatives
Chief Scientist Training Workshops

2011 through 2017 –
20 cruises on 11 different vessels:

- *We coma*
- *New Horizon*
- *Endeavor*
- *Atlantic Explorer*
- *Blue Heron*
- *Point Sur*
- *Hugh Sharp*
- *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

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)
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

- Submitted: 15%
- Did Not Submit: 85%

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

- Submitted: 23%
- Did Not Submit: 77%

Thanks to Hannah Dallas, Caitlin Mandel, & Morgan Haldemon for the data!
Number of STR Submissions Over Time

STR submissions per year *after* participating in an chief scientist workshop (CSW) between the years 2011-2017.
### Percentage of CSW Participants that Submitted STRs Post Cruise

<table>
<thead>
<tr>
<th>Year</th>
<th>Submitted</th>
<th>Did not submit</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>56%</td>
<td>44%</td>
</tr>
<tr>
<td>2012</td>
<td>27%</td>
<td>73%</td>
</tr>
<tr>
<td>2013</td>
<td>43%</td>
<td>57%</td>
</tr>
<tr>
<td>2014</td>
<td>36%</td>
<td>64%</td>
</tr>
<tr>
<td>2015</td>
<td>27%</td>
<td>73%</td>
</tr>
<tr>
<td>2016</td>
<td>13%</td>
<td>87%</td>
</tr>
</tbody>
</table>
Cumulative Number of Participants and STR Submissions

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Participants</th>
<th>Number of STRs Submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>20</td>
<td>50</td>
</tr>
<tr>
<td>2012</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>2013</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>2014</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>2015</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>2016</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>2017</td>
<td>200</td>
<td>200</td>
</tr>
</tbody>
</table>
2015:
0 volunteers

2016:
0 volunteers

2017:
1 volunteer (James Ash)

PI: Dr. Janet Springtail
Ship: R/V Revelle

“James Ash worked out wonderfully for my project on the Revelle in Oct-Nov 2017. [...] Because he had such a good reputation, one of my colleagues on the cruise now employs James as a research assistant in his group. So having James as a volunteer was a win-win situation for all of us!”

- Dr. Janet Springtail

c/o Uriel Zajaczkovski
UNOLS Cruise Volunteer Program
January 1 to June 5, 2018:

Participating PIs: 3
Berths available: 7-8
Participating ships: 4

- **Sikuliaq** – Jun. 27 to Jul. 4
  - Marine Biology (6/1)
- **Oceanus** – Sept. 1 to Sept. 9
  - Marine Biology (7/1)
- **Neil Armstrong** – Aug. 27 to Oct. 3
  - Hydrographic surveys (7/1)
- **Endeavor** – Oct. 31 to Nov. 21
  - Ecosystem observation networks (7/31)

Applications: 0 so far
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