

***Agenda***  
**MLSOC New User Workshop**  
**Saturday, December 13, 2014**  
**Golden Gate University**  
**536 Mission Street**  
**San Francisco, California 94102 USA**  
Room 3124

**1:00pm: Welcome and Introduction, Overview of the Agenda – Dale Sawyer/Rice University**

**1:15pm: Introduction to how things work:**

- UNOLS – Jon Alberts/UNOLS
- Federal Agencies – William Haq/NSF, Jim Holik/NSF
- MLSOC – Dale Sawyer/Rice University
- OBSIP – Brent Evers/IRIS

**1:55pm: Overview of the National Oceanographic Seismic Facility, R/V *Marcus G. Langseth* and the technical support provided – Sean Higgins, David Martinson, Robert Steinhouse/ L-DEO**

**2:30pm: Breakout Sessions (30 min each), 2 sessions running concurrently**

**Presenters:**

**Grant Writing for the RV *Langseth* – Bill Haq, NSF**

**From Hypothesis to Cruise – A real-life example – Dale Sawyer, Rice University**

**Langseth Data – Nathan Bangs,**

**Group A**

Arnoux  
Blacic  
Boston  
Cox  
Tan  
VanderBeek

**Group B**

Adams  
Abadi  
Gibson  
Han  
Li  
Wagner

	<b>Group A</b>	<b>Group B</b>
<b>2:30pm</b>	<b>Grant Writing for the RV <i>Langseth</i></b>	<b>From Hypothesis to Cruise – A real-life example</b>
<b>3:00pm</b>	<b>Break</b>	
<b>3:15pm</b>	<b>RV <i>Langseth</i> Data</b>	<b>Grant Writing for the RV <i>Langseth</i></b>
<b>3:45pm</b>	<b>From Hypothesis to Cruise – A real-life example</b>	<b>Langseth Data</b>

**4:15pm: Protection of Marine Species and Permitting – Deborah Hutchinson/USGS, Holly Smith/NSF**

**4:35pm: Open Discussion**

**5:00pm: Adjourn meeting**

**Evening with the DeSSC New User workshop**

The Serrano, 405 Taylor Street, San Francisco, CA 94102

**6:30pm: Social/Bar**

**7:00pm: Dinner**

**8:15pm: Guest Speaker – Dr. Samantha Joye, University of Georgia**

## **Breakout Session Descriptions**

### **Grant Writing for the LANGSETH**

This working group will discuss the elements of developing a competitive NSF proposal that aims to utilize the LANGSETH. Topics that will be covered include:

- Concept development for hypothesis driven research
- What sort of details/logistics are required within a LANGSETH proposal?
- What science ideas are needed in a proposal to use the LANGSETH?
- What is meant by broader impacts?
- Budgeting a proposal
- Complying with NSF requirements for grant submission.
- Resources/mentors available.

Other interests: Example of unsuccessful.

### **From Hypothesis to Cruise – A real-life example**

This working group will look at a real-world cruise, from idea through proposal to cruise and post-cruise operations. It will give an insiders view of how it all comes and some of the trials and tribulations along the way. Topics included:

- How did his idea start? Grow?
- The Proposal process –
  - o First proposal – Why was it unsuccessful? What sort of feedback?
  - o Re-write – What changes were made?
- Preparing for the cruise
  - o Interactions with L-DEO
  - o Interactions with your science party
  - o Permitting
- On the cruise
  - o Responsibilities of Chi Sci? Sci Party?
  - o Responsibilities of L-DEO
  - o Examples situations from his cruise
- Post-Cruise
  - o Data processing
  - o Papers?

### **Langseth Data**

What data sets come off the LANGSETH?

- Where to they go?
- How/when are they available?
- What sort of processing is available?