Updated: December 2, 2016

DeSSC New User Program Agenda

Saturday Dec 10, 2016

Saturday, December 10, 2016: Golden Gate University, 536 Mission St., San Francisco, CA 94105 Room 5224 (5th floor)	
11:45-12:00	Check-In & Pizza buffet -- Participants will receive Memory Sticks & Breakout Assignments -- Seated by noon - pizza lunch during plenary
12:00-12:15	Welcome, Introductions, & Agenda [Peter Girguis/Vicki Ferrini] • Participant Introductions • Intro to UNOLS, DESSC, NDSF, Fed Agency Personnel & Roles • Agency Remarks – Rick Murray (NSF)
12:15 - 12:25	Overview of Deep Sea Research [Peter Girguis]
12:25-12:50	Intro to NDSF & Vehicle Capabilities [Adam Soule]
12:50-1:05	Intro to Data Management & Data Resources [Vicki Ferrini]
1:05 - 1:15	Intro of Breakouts Questions
1:20-2:00	BREAKOUT - Session 1
2:05-2:45	BREAKOUT – Session 2
2:45- 3:15	*Refreshment Break*
3:15-3:55	BREAKOUT – Session 3
4:00-5:00	Open Discussion of Grant Ideas - General Q&A
5:00	Adjourn
6:30	**Dinner at Serrano Hotel**, 405 Taylor St, San Francisco, CA -- Guest Speaker: Dr. Maurice Tivey, National Science Foundation

Sunday, December 11, 2016:

UNOLS Deep Submergence Science Committee (DeSSC)
Annual Community Meeting
Golden Gate University
2nd Floor Room 2201 - 2202
536 Mission Street
San Francisco, CA 94105
Details and Agenda: https://www.unols.org/event/meeting/2016-dessc-winter-meeting

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BREAKOUT SESSION DESCRIPTIONS

Emerging Technologies

Room 5215

Pete Girguis (Harvard University)
Brian Glazer (University of Hawaii)
Carl Kaiser (Woods Hole Oceanographic Institution)
Bruce Strickrott (Woods Hole Oceanographic Institution)

There are many technical challenges associated with working in the deep sea, including the tremendous pressures, the corrosive nature of seawater, the extremes in temperature (both cold and hot, in some cases). These issues continue to impede the development of analytical and sampling technologies that are effective in the deep sea, but recent trends towards miniaturization and the coincident reduction in power demand has led to an increase in the development of in situ technologies. Here we will present some recent advances in deep sea technologies, and also provide advice on how to approach the development of your own instruments and samplers.

Grant Writing

Room 5216

George Luther (University of Delaware)
Brian Midson (National Science Foundation)
Agency Representatives

This session will focus on a discussion of the elements of developing a competitive NSF proposal that aims to utilize resources managed by the National Deep Submergence Facility and requires the UNOLS fleet support. Topics that will be covered include the central importance of concept development for hypothesis driven research; what is meant by broader impacts; the nuts and bolts of budgeting a proposal, how to make a realistic operational plan, and complying with NSF requirements for grant submission. We will provide an overview of special requirements for a proposal that requires deep-sea vehicle and ship time, including what to expect in the event that you are funded. An emphasis will be placed on resources available and/or steps you should take to help mentor you through the process of obtaining your first successful grant to get to the bottom of the ocean.

Networking Q&A

Room 5224

Vicki Ferrini (Lamont-Doherty Earth Observatory)
Adam Soule (Woods Hole Oceanographic Institution)
Agency Representatives

Do you have questions about whether your research proposal is a good fit for the program? Do you want to discuss which vehicle might be best suited for your particular research question? Are you trying to develop new deep-sea tools for use with NDSF assets? Are you looking for collaborators or a mentor? This session provides an opportunity for participants to have small group and one-on-one conversations with members of NDSF, Agency representatives, and senior scientists and potential mentors in the deep-sea research community.