



Agenda

Deep Submergence Science Committee

New User Workshop

Golden Gate University
536 Mission St., San Francisco, CA 94105
December 7, 8, 2019

Saturday December 7, 2019 – Room 5524

- 1145 Check-in and receive lunch**
- 1200 Welcome, Introductions, & Agenda – Brian Glazer**
- Welcome
 - Participant Introductions
 - Intro to UNOLS, NDSF, DeSSC and other facility operators, Federal Agency personnel & roles
 - National Science Foundation – Brian Midson (5min)
 - Office of Naval Research – Tim Schnoor (5min)
- 1230 Overview of Deep Submergence Research – Dorsey Wanless**
- 1250 Introduction to Facility Operators, the Vehicles and their capabilities (10min each)**
- National Deep Submergence Facility (NDSF) – Adam Soule
 - NOAA OER – Rachel Medley
 - Schmidt Ocean Institute (SOI) – Errol Campbell
 - Ocean Exploration Trust (OET) – Allison Fundis
- 1340 Introduction to Data Management & Data Resources - Vicki Ferrini – 10min**
- 1350 Introduction of the Breakout sessions – Brian Glazer**
- 1400 Break & Move to break-out session**
- 1420 Breakout - Session 1**
- 1500 Break & switch break-out session**
- 1510 Breakout – Session 2**
- 1550 Break & switch break-out session**
- 1600 Breakout - Session 3**
- 1640 Open Discussion – General Q&A – moderated by Brian Glazer**



1800 Dinner Seminar – Featured Speaker – Deb Kelley, UW

- Location: Hotel Spero 405 Taylor St.
- Reception at 1800, dinner at 1830

Sunday December 8, 2019**0830 UNOLS Deep Submergence Science Committee (DeSSC) Annual Community Meeting**

Golden Gate University, Room 2201, 536 Mission St., San Francisco, CA 94105

- Details and Agenda: <https://www.unols.org/event/meeting/2019-winter-dessc-meeting>

Breakout Session DescriptionsVehicle Operations, Access to Vehicles, & Technology

Moderators: Brian Glazer/UH & David Caress/MBARI

Facility Operator Representatives: Chris Judge/JASON, Anthony Tarantino/ALVIN, Sean Kelley/SENTRY, Rachel Medley/NOAA OER, /OET, Errol Campbell/SOI, Doug Bancroft/ROPOS

This session will offer an opportunity for participants to learn more about the facilities, tools, and instruments that are available for deep submergence research. The latest technologies that are offered and how to integrate them into your future field programs will be discussed. In the earlier plenary session, representatives from NDSF, SOI, OET, NOAA OER and others introduced you to their respective facilities and operations. You will have an opportunity to ask these individuals questions about vehicle capabilities, tools and instrumentation, and how to access these facilities/operations.

Interacting with Deep Sea Enthusiasts & Agency Reps

Moderator: Anna-Louise Reysenbach/PSU, Dorsey Wanless/Boise State, Adam Soule/NDSF

Agency Representatives: Brian Midson/NSF, Tim Schnoor/ONR

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 deep sea enthusiasts (senior scientists/engineers) and agency representatives in the deep-sea research community. To stimulate the discussions, participants were asked to submit their questions in advance using our on-line survey <https://www.surveymonkey.com/r/2019DeSSCNUQuestions>. There will also be time to ask questions that come to mind while at the meeting.

Grant Writing

Moderator: Erik Cordes/Temple, Scott White/University of S. Carolina

Lisa Clough/NSF, Adrienne Copeland/NOAA OER

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.

