Early Career Investigator Research Cruise Training Opportunity

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Rationale

(1) new investigators, especially those from non-ship operating laboratories, lack opportunities to learn how to gain access to ship time and what ships offer for specific types of research,

(2) running a successful cruises requires investigators have received prior leadership training, explanations of chief scientist responsibilities, and opportunities to develop communication skills,

(3) the number of proposals requesting UNOLS facilities has declined sharply over the past 5 years suggesting misconceptions about the availability of these resources or linkages to proposal success.

Logistics and Participants

- Two training cruises will be staged from OSU's Ship Operation's facility in Newport, OR during 2011.
- On each cruise, up to 14 participants and four instructors (two Senior Scientists and two Marine Technicians) will work together and be housed aboard the *R/V Wecoma*. A seminar room at OSU's Hatfield Marine Science Center room will be used for an opening session of information and instruction. The UNOLS Executive Secretary, OSU Marine Superintendent and a member of the Deep Submergence Science Committee (DESSC) will take part as speakers.

Announcement

Early Career Investigator Oceanographic Research Cruise Training Opportunity

New to planning oceanographic field work? Wondering how to request research vessel time? Or to use a submersible or ROV? Needing samples or wire-time to initiate a research project? If so, take part in a "UNOLS Chief Scientist Training Cruise". These cruises will instruct early career marine scientists including PhD students on how to effectively plan for, acquire, utilize and report on time at sea for multi-disciplinary research and education. A training cruise will take place from July 6-15, 2011 from Newport OR and be repeated for a second science party September 16-25, 2011. The cruise plan will be dictated by the science requirements of the participants. Participant travel costs are provided along with small stipends for research supplies. However, space is limited.

To apply, please visit http://www.surveymonkey.com/s/cruise_training_survey.

For additional information contact Clare Reimers <creimers@coas.oregonstate.edu>.

Remaining Timeline

Applications due	April 1, 2011
Cruise 1 and Cruise 2 participants selected	April 15, 2011
Participant budgets finalized	May 1, 2011
Pre-cruise planning for Cruise 1	May 1- July 1, 2011
Cruise 1	July 6-15, 2011
Review and compilation of post Cruise 1 assessments and questionnaire results	August 15, 2011
Pre-cruise planning for Cruise 2	July 1 – Sept. 13, 2011
Cruise 2	Sept. 16-25, 2011
Review and compilation of post Cruise 2 assessments and questionnaire results	October 15, 2011
Report on Training Cruise Program at AGU	December 10, 2011
Report on Training Cruise Experiences in UNOLS Newsletter	January 15, 2012

Pre-Cruise Experience

- the instructors will establish communications between all participants and over several months work through the development of a cruise plan and cruise track
- co-chief scientists will be selected from the group, and these individuals will be put in charge of finalizing the cruise plan and establishing a planning dialog/coordination with all participants and the ship operator

Cruise Experience

- Day 1: sessions covering the structure and purpose of UNOLS, proposal writing and the ship time request system, the process of ship scheduling, ships in the fleet, and deep submergence facilities. *Wecoma* and dock facilities tour; training on shipboard safety, ship's equipment, navigation, communications, vans, science work spaces and specialized equipment
- Day 2: cruise mobilization; sessions on securing equipment, deck safety and crane hand signals; cruise leadership and reporting injuries, illness or sexual harassment.
- Days 3-9: at sea cruise plan directed by co-chief scientists; sessions on ship's data acquisition systems, research in foreign waters, and approaches to education and outreach
- Day 10: Demob, clean-up, PCA, data archiving, questionnaire

Outcomes

- Materials for a UNOLS Chief Scientist Manual.
- Opportunities given to new investigators to test compelling research ideas, work collaboratively, use equipment, and acquire samples critical for developing future oceanographic field programs.
- As many as 28 new investigators will be trained in the mechanics of leading expeditionary ocean research while coming to understand how oceanographic research infrastructure is scheduled, maintained and upgraded. They will also be exposed to standard sets of observations appropriate to a variety of oceanographic disciplines (e.g., physical, chemical, biological and geological oceanography) inspiring new ideas for research and the transfer of science information to the public.