# UNOLS Mentoring, Education, and Outreach Program

~ Brainstorming Session ~

- Background
- The current sea-going science community is aging
- Ship demand is decreasing
- New Chief Scientists could benefit by an orientation program.

#### Goals:

- Provide user orientation to increase cruise effectiveness and success of the cruise
- Lesson the load on support groups
- Lower boundaries, encourage ship time requests

- Proposed Strategies
  - On-line step-by-step guide
  - UNOLS 101 PowerPoint
  - UNOLS Workshop for New Users
    - Add-on to existing workshop
    - Stand-alone workshop
  - At-Sea Opportunity

- Workshop Topics: Access to the Sea
  - General Overview of UNOLS and Facilities
  - Proposals and Ship Requests
  - At-Sea Experience
  - Post Cruise Responsibilities

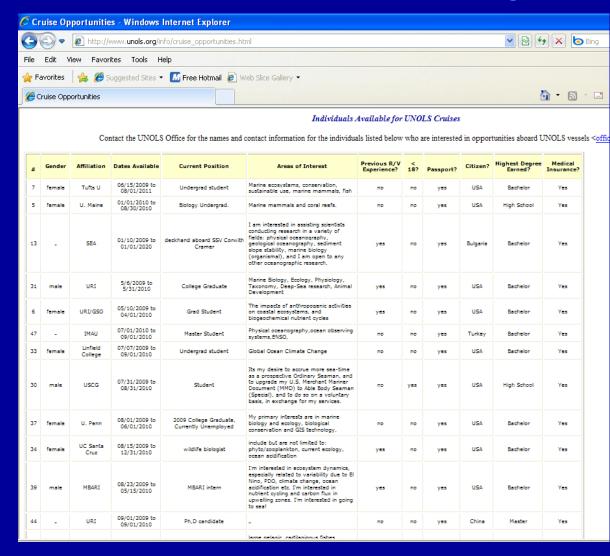
- Speakers:
  - UNOLS Rep
  - Experienced Seagoing Scientists
  - Ship scheduler / marine sup
  - Marine Tech
  - Crew member
  - Program Managers
  - New Chief Scientist

- At Sea Opportunity:
  - Use a transit cruise as an opportunity
  - The opportunity would be competitive
  - All elements of cruise planning and execution could be experienced.
  - Participants: junior scientists, Mentors?

- Funding:
  - Multi-agency?
  - Eager proposal? \$200K cap
  - NSF Education/ Ship Ops

#### **UNOLS Cruise Opportunities**

For a full list of volunteers: <a href="https://www.unols.org/info/cruise">www.unols.org/info/cruise</a> opportunities.html



We currently have 38 volunteers listed on the cruise opportunities website.

26 of those volunteers are graduate or undergraduate students interested in oceanography (biological, chemical, physical, geological, archaeological).

We are receiving, on average, 1-2 volunteer requests per week (based on Jan, Feb, Mar 2010)

#### **UNOLS** Cruise Opportunities

Post an opportunity at: <a href="http://www.unols.org/forms/">http://www.unols.org/forms/</a> posting opportunities.asp



We currently have no education and outreach opportunities aboard UNOLS vessels posted for these volunteers.

#### The UNOLS Office has been trying to match volunteers with cruises by:

- 1. Searching the 2010 schedules for cruises that match an individual volunteers interests and availability
- 2. Contacting the volunteer and the ship scheduler to determine if the volunteer is interested and if there is space on the cruise
- 3. If appropriate, putting the volunteer in touch with the chief scientist

### **UNOLS Cruise Opportunities**

#### Has this been successful?

- Attempts have been made for 17 students
- Two Students are currently in touch with chief scientists

#### **Problems with this approach:**

- The UNOLS Office does not know exactly what the students are looking for often they are not interested/available for a cruise we select
- Scientists often don't know if they will have an extra berth until shortly before the cruise dates