



UNOLS: 2012


- ◆ Ocean Class design
- ◆ Regional Class plans
- ◆ R/V/ Sikuliaq
- ◆ Alvin upgrade
- ◆ Refresh of SMR for Polar Research Vessel
- ◆ UNOLS ships in Gulf of Mexico
- ◆ NOAA and UNOLS cooperation
- ◆ UNOLS Ship Classification





UNOLS SPEAKER SERIES

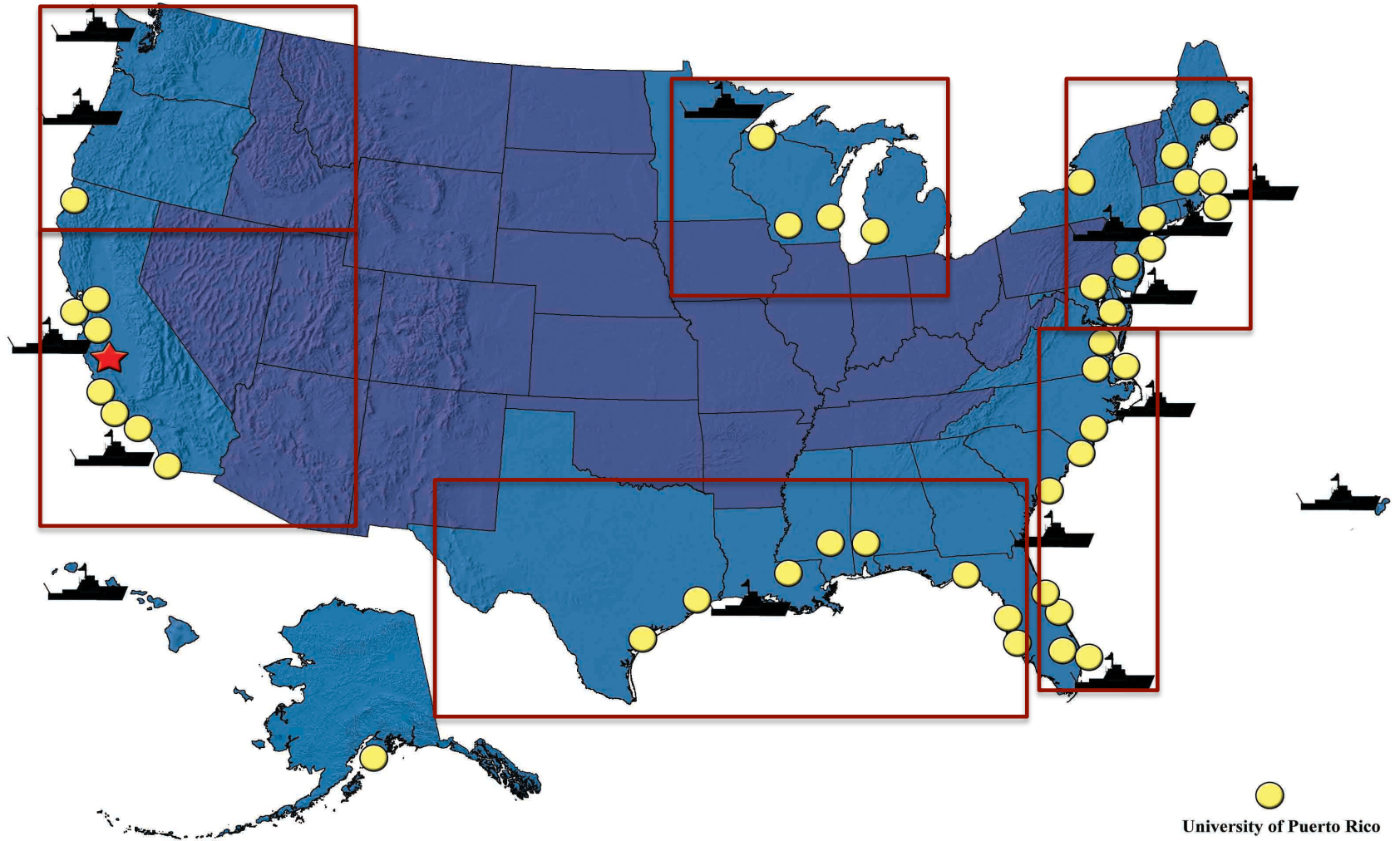
- * To establish a speaker series to highlight UNOLS ships and oceanographic research and to serve as an outreach activity to non-UNOLS colleges and universities
- * Particular attention given to institutions with under-represented minorities in the marine sciences
- * Series to run for three years beginning in fall 2011 and evaluated in 2014.

UNOLS MEMBERSHIP

 **Operator Institution**
Note: Symbol indicates home port location. Multiple ships may operate from a single location.

 **Non-Operator Institution**

 **National Oceanographic Aircraft Facility Operator**



 Smithsonian Tropical Research Institute - Panama

 University of Puerto Rico



Regional Coordinators:

Great Lakes: Doug Ricketts

Northwest: Bob Collier (OSU)

Southwest: Bruce Applegate (SIO)

Northeast: Mary Jane Perry (Univ. of Maine)

Southeast: Peter Ortner (RSMAS)

Gulf Coast: Vernon Asper (Univ. of Southern Miss.)



Greening the U.S. Academic Fleet: A UNOLS Workshop

Objective: An Assessment of Current Technologies, Designs and Practices for Environmentally Sustainable Research Vessels

Time: January 10-11, 2012

Location: Nicholas School of the Environment, Duke University, Durham, NC

Composition: 25-30 invitees, with representation from Council, RVOC, RVTEC, FIC, NSF, Navy, NOAA, architects and naval designers, industry, and marine scientists interested in attending.



Format: 1 ½ day workshop with invited presentations on various aspects of green ships: design, technology, practices

Funding: Proposal for support of the workshop funded by NSF and ONR

Announcement: UNOLS website and mailing lists, advertisement for workshop in EOS



LONG TERM GOALS:

- 1) Promote environmental sustainability within UNOLS
- 2) Guidelines for construction, operation and recycling of UNOLS Research Vessels
- 3) Development of green vessel guidelines for U.S. vessels (outreach)
- 4) Promote environmental awareness on UNOLS ships with U.S. ocean scientists (outreach)
- 5) Ocean Class and Regional Class vessel construction



Participants to date:

NSF

ONR

NOAA

Glosten Associates

JMS Naval Architects and Salvage Engineers

Alaris Companies

ARUP

Foss Maritime

Lloyd's Registry

Kluber Lubrication North America

National Marine Facilities Sea Systems; Southampton

Eurofleet Project

Royal Caribbean Cruises