



DISCOVERY UNDERSTANDING ACTION

Weekly Newsletter

1201 New York Avenue, NW • Fourth Floor • Washington, DC 20005
P: (202) 232-3900 • F: (202) 462-8754 • www.OceanLeadership.org

Dr. Robert Gagosian
President/CEO
rgagosian@oceanleadership.org

Week of 21 January 2008
Number 4

To unsubscribe or change your email address, contact Gregg Schmidt at gschmidt@oceanleadership.org.

President's Corner

The last two weeks have been quite active at Ocean Leadership. The organization hosted two successful meetings, the U.S. Advisory Committee for Scientific Ocean Drilling (USAC) and the Census of Marine Life (CoML) Workshop. Additionally, we have been busy making positive strides on Capitol Hill. You can view our 2008 Advocacy Priorities brochure on our Web site at, <http://www.oceanleadership.org/files/OceanPriorities08.pdf>. I am quite pleased with this document and the input from our membership and welcome your feedback.

The CoML Workshop brought together more than 80 experts that clearly identified the extraordinary and unique biological information that is being obtained from CoML. An important discussion centered on how this information could be widely disseminated and incorporated over time with other ocean observing programs such as the Ocean Observatories Initiative and the Integrated Ocean Observing System. The synthesis of this knowledge is critical to our success in taking full advantage of these programs so that we can better understand how our oceans function.

USAC members received status updates from Ocean Leadership program staff for IODP-USIO, Scientific Ocean Drilling Vessel, External Affairs, USSSP and other program offices. The meeting addressed ways in which USAC members can act as a catalyst for energizing the scientific ocean drilling community in awareness-raising and public education efforts for IODP in the U.S. and beyond. In addition to the committee's regular duties related to expedition science party staffing and workshop recommendations, members provided Ocean Leadership staff with valuable fresh perspectives on a variety of education and advocacy challenges. Visits to Congressional offices also occurred, where the USAC members conveyed the importance of ocean drilling research.

We are in the process of rolling out the reorganization of Ocean Leadership. As you are aware there are three parts of reorganization (legal, governance and administrative issues). We are now in the process of rolling out the last piece, the administrative issues and have a preliminary organization chart that focuses on functions. I will have more to update the community on after the Ocean Leadership Membership Meeting in February.

Lastly, I would like to applaud Hawaii Congressman Neil Abercrombie (D-1st) for introducing the National Marine Mammal Research Program Act of 2008 (H.R.5106). The bill will create a national marine mammal competitive research program to be administered by the Marine Mammal Commission. Implementation of this research program will greatly improve our understanding of marine mammals, especially the impact sound has on these animals.

Congressional Calendar

January 29 th	President Delivers State of the Union Address
January 30 th 10am 406 Dirksen Bldg	Senate Environment and Public Works Committee Hearing on "Threats to Polar Bears"
January 31 st 10am 366 Dirksen Bldg	Senate Energy and Natural Resources Committee on "Carbon Capture, Transportation and Sequestration"
February 4 th	President Releases FY2009 Budget Request
February 6 th 9:30am 106 Dirksen Bldg	Senate Armed Services Committee on "Fiscal 2009 Budget: Defense"
February 27 th 2:30pm 253 Russell Bldg	Senate Commerce, Science and Transportation Subcommittee on Space, Aeronautics, and Related Sciences on "Fiscal 2009 Budget: NASA"

Ocean Leadership News

OCEAN LEADERSHIP WELCOMES TWO NEW STAFF MEMBERS

Lynne Pacunas joined Ocean Leadership as a Teacher Fellow for the Deep Earth Academy. Lynne holds a B.S. in Geology from the University of Massachusetts, Amherst. She worked for the National Park Service for four years at Point Reyes National Seashore in a variety of capacities, including Park Ranger and Education Assistant. Lynne acquired certification to teach middle school and high school science from San Francisco State University. Taught middle school science for two years in Berkeley, CA and has been in Bethesda, MD teaching the same for the last 8. She received a Master's degree in Human Development with a focus in Adolescent development.

Lynne is excited about returning to the classroom next year and sharing the knowledge in science and using the resources acquired during this fellowship. Find Deep Earth Academy at its new web address, www.oceanleadership.org/learning.

Leigh Zimmermann joined Ocean Leadership earlier this month as the Program Coordinator for the National Oceanographic Partnership Program (NOPP).

Leigh holds a B.S. in Environmental Studies and a M.S. in Marine Science from the University of North Carolina Wilmington. Prior to joining Ocean Leadership, Leigh was an Outreach Coordinator in Florida for a non-profit that worked to raise public awareness regarding harmful algal blooms and spent a year as a Knauss Marine Policy Fellow for NOAA. She has found collaboration to be key in furthering and promoting ocean issues and is excited to be working with the NOPP for that very reason.

U.S. CENSUS OF MARINE LIFE HOLDS BIOLOGICAL OCEAN OBSERVING WORKSHOP

On January 14-15, the U.S. National Committee held a workshop entitled *Biological Ocean Observing: Exploring components of IOOS from the perspective of Census of Marine Life*. The goal of the workshop was to demonstrate the importance of incorporating biological data, particularly Census of Marine Life data, into the Integrated Ocean Observing System (IOOS). The event brought together than 80 members of the ocean observing community, including representatives from the NOAA's IOOS Program Office, the IOOS Regional Associations, and experts from academia and management agencies. A report of recommendations and outcomes from the meeting are expected to be released in the near future. For workshop presentations, meeting participants, background information and, and for future updates, please see our website at http://www.coml.us/Dev2Go.web?Anchor=ocean_observing.

Prospectus for IODP Bering Sea Exp. 318 Now Online Expedition 318 will focus on the Pliocene-Pleistocene paleoceanography and climate history of the Bering Sea. The expedition's co-chief scientists are Kozo Takahashi of Kyushu University, Japan, and Ana Christina Ravelo of University of California,

Santa Cruz. The expedition is currently scheduled to sail in July 08. Find the prospectus online at http://publications.iodp.org/scientific_prospectus/318/
The expedition web page is at http://iodp.tamu.edu/scienceops/expeditions/bering_sea.html.

APPLY NOW FOR THE OCEAN LEADERSHIP DISTINGUISHED LECTURER SERIES

Apply now to host an Ocean Leadership Distinguished Lecturer at your institution during the 2008-2009 academic year. The Consortium for Ocean Leadership's U.S. Science Support Program offers the Distinguished Lecturer Series to bring the exciting scientific results and discoveries of the Integrated Ocean Drilling Program to academic research institutions, museums, and aquaria. Applications are due April 4, 2008 and are available by contacting Ocean Leadership or online at www.oceanleadership.org/DLS.

2008-2009 Ocean Leadership Distinguished Lectures:

- Exploring Oceanic Magmatism Through Silicate Melt Inclusion – Adam Kent, Oregon State University
 - A Cenozoic History of Atmospheric Carbon Dioxide – Mark Pagani, Yale University
 - Marine Barite: A Recorder of Ocean Chemistry and Productivity – Adina Paytan, University of California, Santa Cruz
 - Fluid and Heat Circulation in the Subseafloor Ocean – Glenn Spinelli, New Mexico Tech
 - Microbes and Volcanoes: A Tale from the Seafloor – Hubert Staudigel, Scripps Institution of Oceanography
 - Deep-Ocean Circulation During Extremely Warm Climates – Debbie Thomas, Texas A&M University
-

OCEAN LEADERSHIP AT AAAS ANNUAL MEETING

Ocean Leadership is organizing two scientific symposia on Friday, February 15th at the American Association for the Advancement of Science (AAAS) Annual Meeting in Boston. The symposia both relate recent results from paleoclimate investigations of the Integrated Ocean Drilling Program to modern systems.

Ocean Leadership Symposia:

- **10:30am – 12:00pm:** Probing Arctic Regions: Linking Past Records, Present Effects, and Future Predictions, with presentations from Kate Moran (University of Rhode Island), Henk Brinkhuis (Utrecht University), and Lloyd Keigwin (Woods Hole Oceanographic Institution)
 - **1:45pm – 3:15pm:** Ocean Acidification and Carbon-Climate Connections: Lessons from the Geologic Past, with presentations from Christina Ravelo (University of California, Santa Cruz), James Zachos (University of California, Santa Cruz), Mark Pagani (Yale University), and David Archer (University of Chicago)
-

NEW NAME FOR OCEAN LEADERSHIP EDUCATION PROGRAM

JOI Learning has changed its name to Deep Earth Academy JOI Learning, the U.S. education program centered on scientific ocean drilling. Since becoming part of the Consortium on Ocean Leadership, JOI Learning has evolved as the Deep Earth Academy. In collaboration with CDEX, the Deep Earth Academy has initiated "Ask-a-Scientist", a web-based learning opportunity linked to IODP Expedition 316. Designed for elementary through high school students, "Ask-a-Scientist" explains the third NanTroSEIZE expedition in simple terms and invites students to submit their questions. Share "Ask-a-Scientist" with budding scientists in your own community and visit www.oceanleadership.org/learning/askascientist. This feature is continuously updated as new answers are uploaded from Exp. 316 science party members.

Ocean Community News

View the Ocean Leadership Calendar through the Web site, <http://www.oceanleadership.org/event> -- if you have any additions, please email submissions to Gregg Schmidt at ggschmidt@oceanleadership.org.

BILL READ TO LEAD NATIONAL HURRICANE CENTER

The National Oceanic and Atmospheric Administration (NOAA) named longtime forecaster and administrator Bill Read to head the National Hurricane Center in Miami, FL. Read replaces the center's previous director, Bill Proenza, who left last July.

Ed Rappaport has been working as the Acting Director since Proenza's removal, with Read as working as his deputy. Read has been a NOAA employee since 1977 and before coming to the hurricane center he spent more than 15 years in charge of the National Weather Service's Houston-Galveston, Texas office.

CONGRESSMAN ABERCROMBIE INTRODUCES THE NATIONAL MARINE MAMMAL RESEARCH PROGRAM ACT

This week Congressman Neil Abercrombie (D-HI) introduced H.R. 5106, The National Marine Mammal Research Program Act (NMMRPA). The purpose of the NMMRPA is to improve the nation's understanding of marine mammal biology and the natural and human-related factors that affect and threaten the health of their populations and habitats, and assist in the development of mitigating measures to advance marine mammal conservation and management. The NMMRPA authorizes the Marine Mammal Commission (MMC) to establish a national research program to fund basic and applied research on marine mammals. The bill creates a Research Coordinating Committee whose primary task is to draft a National Marine Mammal Research Plan. The plan will identify research priorities and is the basis for the solicitation of proposals to undertake research in the priority areas. A program office will administer the daily tasks associated with implementation of the research program, it will also organize and conduct an independent peer review of the proposals and recommend the proposals to be funded to the MMC and the Research Coordinating Committee. Ocean Leadership supports the bill and will actively work to secure its passage.

NSF GRANT PROPOSAL DEADLINE: FEBRUARY 15, 2008

Through its Ocean Drilling Program (OD), the National Science Foundation supports scientific drilling-related research focused on pre-drilling and drilling concurrent activities related to the Integrated Ocean Drilling Program (IODP). OD supports the development of downhole instruments and techniques, collection of site survey data, and investigations of potential drilling regions. For extended research, support is also available to address the research objectives of a specific IODP expedition (called Expedition Objective Research). Proposals are due February 15, 2008. For more information on these opportunities, please visit www.nsf.gov.

PALEOCEANOGRAPHY AT NCSE CLIMATE CHANGE CONFERENCE

Ocean Leadership chaired a breakout session at the National Council for Science and the Environment's (NCSE) National Conference on Science, Policy, and the Environment. "Looking into the Past to Understand Climate Change" demonstrated the use of paleoceanography and the geologic record, uncovered through scientific ocean drilling, to understand past climate change. The session attendees, led by a panel of prominent academic and government scientists, discussed how this window into past processes is used to understand current climate and to predict future changes. Recommendations from the session will be featured in the meeting's final report and includes integrating land-based and ocean-based paleoclimate datasets and creating funding mechanisms to encourage collaboration between paleoclimatologists and climate/ocean dynamists to improve climate models.

POST PROJECT SEARCHING FOR EXECUTIVE DIRECTOR

The Pacific Ocean Shelf Tracking (POST) Project is seeking an Executive Director. The Executive Director is responsible for the overall implementation of the POST Project, to ensure that key milestones are achieved to satisfy the objectives of the Foundations and other key partners supporting the Project. The Director will lead a small staff in managing day-to-day administration, operations and communications and work closely and collaboratively with the Management Board and staff in facilitating POST science and expansion of the project. Applicants must have at least 10 years of management experience, at least a Masters degree (or a Bachelors degree with equivalent relevant experience) and strong oral and written communication skills applicable in agency, research and corporate environments. A strong

background in aquatic, marine or fisheries science is an asset. The close date is February 17, 2008. Applications should be sent directly to: Jonathan Thar POST Research Program Coordinator Vancouver Aquarium PO Box 3232 Vancouver, BC V6B 3X8, Phone: 604-659-3590, Fax: 604-659-3515, Email: jonathan.thar@vanaqua.org. Find out more about POST at <http://www.postcoml.org/>. For more information, refer to the [full position description](#).

POGO-SCOR VISITING FELLOWSHIPS PROGRAMME

The Partnership for Observation of the Global Oceans (POGO) and its partner, the Scientific Committee on Oceanic Research (SCOR) announce the Fellowship Program for 2008. This program is designed to promote training and capacity building leading towards a global observation scheme for the oceans. The fellowship program is open to scientists, technicians, graduate students (PhD) and Post Doctoral Fellows involved in oceanographic work at centres in developing countries and countries with economies in transition. The fellowship provides airfare and a stipend for living expenses for up to three months. Deadline for application is April 15, 2008.

<http://www.comlsecretariat.org/Dev2Go.web?id=261649&rnd=22798>.

SEA GRANT COLLEGE PROGRAM ACCEPTING APPLICATIONS FOR 2009 KNAUSS FELLOWSHIP

The 2009 Dean John A. Knauss Marine Policy Fellowship Program is now accepting applications. The Fellowship is a National Sea Grant sponsored Federal Fellows Program that provides a unique educational experience to students who have an interest in marine/ocean/Great Lakes resources and in the national policy decisions affecting these resources. The program matches highly qualified graduate students with hosts in the legislative branch, the executive branch, or appropriate associations/institutions located in the Washington, D.C. area for a one-year paid fellowship (\$34,000 stipend). An additional \$8,000 will be used to cover mandatory health insurance for the Fellow, moving expenses, academic degree-related and fellowship-related travel.

The full request for application and application guidelines are available on California Sea Grant's Knauss website at <http://www.csgc.ucsd.edu/EDUCATION/Knauss2009.html>. For more detailed information about host offerings, selection process, and the placement process in Washington D.C., please visit the National Sea Grant Knauss site at <http://www.seagrant.noaa.gov/knauss/knauss.html>.

Timetable

February 29: Application materials from each student due at the California Sea Grant Office.

March 7-21: Interviews for selection of CA Sea Grant candidates.

April 10: Application materials from Sea Grant Programs due at the National Sea Grant Office.

Feb 1, 2009 Start of the fellowship.

For more information please contact Shauna Oh at nsgoproposal@seamail.ucsd.edu or 858-534-4440. For those of you considering this program, we would appreciate your notifying her of your intent to apply.

2008 HOLLINGS SCHOLARSHIP PROGRAM

The National Oceanic and Atmospheric Administration is pleased to announce the availability of a two-year undergraduate scholarship opportunity, the 2008 Ernest F. Hollings Undergraduate Scholarship Program. Sophomore students majoring in disciplines related to oceanic and atmospheric science, research, technology, or education, and supportive of the purposes of NOAA's programs and mission, e.g., biological, social and physical sciences; mathematics; engineering; computer and information sciences; and teacher education are encouraged to apply.

Applications must be received by February 8, 2008.

For more information about this scholarship opportunity, please log on to www.oesd.noaa.gov or contact Chantell Haskins, the Hollings Scholarship Program Manager at (301) 713-9437 ext 125.

MASTER OF ADVANCED STUDIES IN MARINE BIODIVERSITY AND CONSERVATION – APPLICATION DEADLINE 4 FEBRUARY 2008

The Center for Marine Biodiversity and Conservation (CMBC) at Scripps Institution of Oceanography announces an application deadline of 4 Feb 2008 for the Master of Advanced Studies in Marine Biodiversity and Conservation. The multidisciplinary program will begin 30 June 2008, and includes courses in natural, social, and information sciences; marine policy, economics, and law; and training in important cultural and communications skills. The well-rounded curriculum is designed for early to mid-career professionals to prepare them to effectively work with diverse stakeholders, complex solutions, and the interdisciplinary science often involved in biodiversity and conservation efforts. Students complete the degree in one calendar year. Courses and fieldwork are led by professors from Scripps's CMBC, the UCSD departments of economics, political science, and history, and the Graduate School of International Relations and Pacific Studies. Students are formally admitted through UCSD's Office of Graduate Studies. The World Wildlife Fund, National Oceanic and Atmospheric Administration's Southwest Fisheries Science Center, and other government and non-government agencies enhance the program by providing special lectures and discussions. No more than 14 master's students are admitted to the program each year. It is possible to enroll in the 15 unit summer course only. More information, including an online application, is available on the web at www.mbc.ucsd.edu (Jane Weinzierl, 858-822-2886, jweinzierl@ucsd.edu).

NOBLIS DEVELOPS LEADERSHIP IN CLIMATE CHANGE, OCEANS, ATMOSPHERE & SPACE MISSIONS

Recent additions at Consortium for Ocean Leadership member Noblis (formerly Mitretek Systems) emphasize the company's commitment to the growing need for innovative leadership and capability in these key areas to better serve our public society.

Amr EISawy, new President and CEO, served as Senior Vice President at The MITRE Corporation prior to joining Noblis and brings extensive experience leading organizations and developing innovative solutions to some of the most complex challenges in the public sector. He has earned an international reputation as a leader in the aviation community through his engineering work experience in research and development, complex systems engineering, modeling and simulation, and informing domestic and international aviation policy.

David Evans is serving in a new position as Corporate Director for Science. Besides his most recent position as Under Secretary for Science for the Smithsonian Institution, he led the White House Global Climate Change Initiative for the National Oceanic and Atmospheric Administration (NOAA) and served as NOAA's Assistant Administrator for Research. He will lead science-based programs in the oceans and atmosphere and energy and environment mission areas, and integrate those with capabilities in other areas (e.g., transportation, national security, health, and information technology). His initial focus will be climate change, where he sees opportunities for both government and business to make a difference.

Reza Eftekari has joined Noblis as Director for the Oceans, Atmosphere, and Space (OAS) mission area. Previously he served with The MITRE Corporation as Director of the NAS Infrastructure Modernization Division and Director of the Communications, Navigation and Surveillance Division. He will lead a team of Noblis engineers and scientists who have extensive experience in supporting the oceanic, atmospheric, and space systems communities as critical thinkers and complex problem solvers for nearly five decades. The OAS program is a prime example of how Noblis uses this expertise to work in the public interest and deliver real-world, practical applications to clients.

Noblis is a nonprofit science, technology and strategy organization that helps clients solve complex scientific, systems, process, and infrastructure problems in ways that benefit the public. Noblis brings the best of scientific thought, management, and engineering know-how to find solutions that are practical, forward-thinking, and sustainable. Noblis is at work in many essential fields, including national and homeland security; transportation; healthcare; criminal justice; energy and the environment; oceans, atmosphere and space; and public safety. Headquartered in Falls Church, Virginia, Noblis employs nearly 800 accomplished scientists, analysts, engineers, researchers,

technology specialists, and management experts in offices throughout the U.S. For more information, please visit our web site www.noblis.org.

Job Announcements

To access the job announcements page, go to <http://www.oceanleadership.org/about/employment>.

Reminder: As a service to the ocean community, job announcements from our readers are posted on the Ocean Leadership Web site with the Weekly Newsletter. In an effort to keep our job listing current, announcements will run for **90 days**, unless Ocean Leadership receives notification to continue posting a specific job announcement. Notification can be provided to gschmidt@oceanleadership.org.

New This Week:

- Assistant Professor, Marine Policy - University of Maine
- Natural Scientist/Ecologist - California Ocean Science Trust
- Assistant Program Manager – North Pacific Research Board, Anchorage, AK

Calendar of Events

If you have additions, please forward to gschmidt@oceanleadership.org. Ocean Leadership's Calendar of Events is located on the Web site at <http://www.oceanleadership.org/event>.

Calendar Year 2008:

- 28-29 Jan Industry-IODP Science Program Planning Group Meeting, Pau, France
- 6-7 Feb OOI Cost Review Meeting, Seattle, WA
- 9 Feb NOSB Regional Competitions (www.nosb.org)
- 14-18 Feb American Association for the Advancement of Science Annual Meeting, Boston, MA
- 17-21 Feb 2008 CoML International Scientific Steering Committee Meeting, Punta Arenas, Chile
- 23 Feb NOSB Regional Competitions (www.nosb.org)
- 27-28 Feb Ocean Leadership Public Policy Forum, Washington, DC
- 2-7 Mar 2008 Ocean Sciences meeting, Orlando, FL (<http://www.agu.org/meetings/>)
- 10-11 Mar U.S. CoML National Committee meeting- Washington, DC
- 12-13 Mar NOAA Science Advisory Board- Silver Spring, MD
- 27-30 Mar 2008 National Science Teachers Association National Conference, Boston, MA
- 8-11 Apr OCEANS '08 MTS/IEEE Kobe: "Voyage toward the Future" (<http://www.oceans08mtsieeeekobe-technoocean08.org/>)
- 13-18 Apr European Geosciences Union (EGU), Vienna, Austria
- 25-27 Apr NOSB Final Competition, Seward Alaska (www.nosb.org)
- 18-22 May National Monitoring Conference, Atlantic City, NJ
- 19-23 May Effects of Climate Change on the World's Oceans International Symposium, Gijon, Spain
- 23-25 May CoML International Scientific Steering Committee Meeting, Huangshou, China
- 7-11 Jul 11th International Coral Reef Symposium, Fort Lauderdale, FL (www.nova.edu/ncr/11icrs)
- 15-18 Sep OCEANS '08 MTS/IEEE Quebec City: "Oceans, Poles, and Climate: Technological Challenges" (<http://www.oceans08mtsieeequebec.org/>)
- 22-26 Sep 2008 ICES Annual Science Conference, Halifax, Canada
- 15-19 Dec 2008 Fall AGU meeting, San Francisco, CA (<http://www.agu.org/meetings/>)

Copyright © 2008 Consortium for Ocean Leadership. All rights reserved. Individual Ocean Leadership members may use their submitted articles for re-distribution without consent from Ocean Leadership. Otherwise, newsletter material may not be published, broadcast, rewritten or redistributed without the prior written consent of Ocean Leadership. To obtain consent, please contact gschmidt@oceanleadership.org.