

Program Brochure

Why is diversity important to you?
...your community?
...your profession?

These are questions the six major scientific and educational institutions in Woods Hole are putting forward to discuss during the first

WOODS HOLE DIVERSITY DAY August 10, 2006

3:00 - 4:00 p.m. - Lillie Auditorium, MBL

Welcome • **John Bullard**, Sea Education Association

Talk • **Thomas Windham**, National Science Foundation
"Ensuring Our National Competitiveness and Security: Diversity, Inclusion, Empowerment!"

4:00 - 5:00 p.m. Panel - Lillie Auditorium, MBL

Moderator • **Chance Reichel**, Academy of Project Management

Panelists

- **Gary Borisy** Marine Biological Laboratory
- **Harold Foster** National Marine Fisheries Service
- **Nadine Laporte** Woods Hole Research Center
- **Philip "PJ" Petrone** Sea Education Association
- **Britt Raubenheimer** Woods Hole Oceanographic Institution
- **Eric Sundquist** U.S. Geological Survey
- **Benjamin Walther** Woods Hole Oceanographic Institution/MIT
- **Wen-lu Zhu** Woods Hole Oceanographic Institution

5:00 – 7:00 p.m. Street Festival - MBL Street



DIVERSITY DAY SPEAKERS AND PANELISTS

Gary Borisy was recently appointed the 13th Director of the Marine Biological Laboratory. Dr. Borisy came to the MBL from Northwestern University where he was Associate Vice President for Research and the Leslie B. Arey Professor of Cell and Molecular Biology in the Feinberg School of Medicine. He received his B.S. in biochemistry and his Ph.D. in biophysics from the University of Chicago. After serving a postdoctoral fellowship at the MRC in Cambridge, England, he joined the faculty of the University of Wisconsin, Madison, where he spent 32 years before moving to Northwestern in 2000. Dr. Borisy has received numerous professional honors throughout his career, including an NIH MERIT Award. He is an elected Fellow of the American Association for the Advancement of Science and a member of the American Academy of Arts and Sciences, the Scientific Advisory Board for CombinatoRx, and an incoming member of the Board of Scientific Counselors for the National Heart Lung and Blood Institute (2006).

John K. Bullard has been President of Sea Education Association (SEA) since 2002. From 1986–1992 John was mayor of the City of New Bedford. He brought the city into compliance with the Clean Water Act by planning and financing a secondary wastewater treatment plant. Fierce neighborhood opposition to the siting of the plant cost him re-election. He lost by 390 votes—the price of clean water. After leaving City Hall, John worked for the fishing industry as they faced the crisis of depleted stocks. That work led him to Washington, where he joined the Clinton administration in 1993. As head of the first federal Office of Sustainable Development (in NOAA), John developed programs to assist fishing families in New England, the Gulf of Mexico, Pacific Northwest and Alaska. John earned his Bachelor of Arts *magna cum laude* at Harvard in 1969, and received a Master of Architecture and a Master of City Planning from M.I.T. in 1974.

Harold Foster is a Statistician/Biologist in the Fisheries Sampling Branch in NOAA's Northeast Fisheries Science Center. He earned a Bachelor's of Science in Biology from Morgan State University in 1976. While earning his undergraduate degree he received additional training through the NMFS Cooperative Education Program (1976). Upon joining the NEFSC as a fulltime employee he received further training in the NOAA Graduate Scientist Program (1978). He has worked for the NOAA/NEFSC for 33 years.

Nadine T. Laporte, Ph.D., an Assistant Scientist at the Woods Hole Research Center, is a biologist whose research centers on the applications of satellite imagery to tropical forest ecosystems, including vegetation mapping, land-use change, and deforestation causes and consequences. She has been involved in numerous environmental projects in Africa over the past 20 years, working with in-country scientists, foresters, and international conservation organizations to develop integrated forest monitoring systems, to promote forest conservation. She received her Ph.D. in tropical biogeography from l'Université Paul Sabatier in Toulouse, France. More at http://www.whrc.org/about_us/whos_who/CV/nlaporte.htm.

Philip "PJ" Petrone is the Assistant Dean of Admissions for Sea Education Association (SEA). His experiences as an SEA student in 1997 broadened his perspective on the world and provided inspiration to work for social justice. His journey has brought him to Guatemala, the South Bronx, East Los Angeles, Amityville, NY, and as of July 2005 back to Woods Hole and SEA. PJ participates as a member of the Woods Hole Diversity Advisory Council and is dedicated to increasing and diversifying SEA's student body.

Britt Raubenheimer studies fluid and sediment processes in the shallow waters near the shoreline, including wave propagation, rip currents and circulation, and shoreline evolution. She obtained a BA in Physics in 1987 from Middlebury College, Middlebury, VT and received her Ph.D. from the Scripps Institution of Oceanography in La Jolla, CA in 1996. After Britt completed a postdoctoral appointment at SIO in spring 1999, she and her husband, Steve Elgar, accepted scientific positions in the AOEPE Department at Woods Hole Oceanographic Institution, where Britt is now 1 of 3 women on AOEPE's scientific staff. Britt received a Young Investigator Award from the Office of Naval Research and a Career Award from the National Science Foundation. In May 2005, Britt received her first guide dog, Whit, from the

Seeing Eye in Morristown, NJ. When not playing on the beach or working at the computer, Britt and Whit usually can be found hiking or skiing in the mountains.

Chance Reichel, PMP, is the President of the Academy of Project Management (APM), a management consulting and training firm conducting business globally. Mr. Reichel has provided project management expertise to more than 85 Fortune 500 clients as well as to several branches of the U.S. government. He has presented various project management information sessions to Project Management Institute. He has designed and implemented both undergraduate and graduate courses in project management, acquisition and procurement management discipline, risk management and environmental safety and health discipline, and emergency response consulting. Reichel has a Bachelor's degree in Psychology from San Diego State University and has completed extensive graduate studies in Education and has a Master's in Environmental Project Management from the University of Findlay.

Eric T. Sundquist has been a Research Geologist with the U.S. Geological Survey since 1978. He holds a B.A. in Geology from Pomona College, and A.M. and Ph.D. degrees in Geological Sciences from Harvard University. A recipient of the U.S. Department of the Interior Superior and Meritorious Service Awards, Dr. Sundquist is a Fellow of the American Association for the Advancement of Science, and was Chair of the American Geophysical Union Focus Group on Global Environmental Change from 2002 to 2004. His research focuses on relationships among the global carbon cycle, atmospheric CO₂, and climate change.

Benjamin Walther is a graduate student in the MIT/WHOI Joint Program researching fish migration and population dynamics. He received a B.A. in Liberal Arts and a B.S. in Biology at the University of Texas at Austin, his hometown. After arriving at WHOI, he founded *GLOW: Gays, Lesbians and Others at WHOI*, a community support network for students, faculty and staff members at the Institution. More information can be found at <http://www.whoi.edu/sites/glow>.

Thomas Windham joined the National Science Foundation (NSF) in February 2004 as Senior Advisor for Science and Engineering Workforce. He is the Foundation's focal point in addressing issues, strategies, and programs centering on improving the participation of underrepresented groups in science and engineering, and he serves as NSF's principal liaison to minority-serving institutions. Windham is a psychologist and veteran educator who was previously Director and Principal Investigator of the internationally recognized, multi-ethnic learning and mentoring program called Significant Opportunities in Atmospheric Research and Science (SOARS) through the University Corporation for Atmospheric Research in Boulder, CO. Dr. Windham was born in Harlem and is a graduate of New York City's High School of Music and Art. He received his Ph.D. in social-personality psychology at the University of Colorado (CU)/Boulder. He holds a Specialist in Education degree from the CU Denver, and MS and BA degrees in psychology from New Mexico Highlands University/Las Vegas. In 2001, Windham accepted the President's Award for Excellence in Science, Mathematics, and Engineering Mentoring, awarded to the UCAR SOARS program by President Bush. He has also served as vice chair of NSF's Committee on Equal Opportunities in Science and Engineering, as past president of the Boulder Valley School District Board of Education, among other community, academic, and professional activities. February 2006, the American Meteorological Society recognized Dr. Windham "for his vision and determination to promote diversity, especially among students in the field of atmospheric and related sciences through mentoring, research, and outreach" by awarding him its Charles E. Anderson Award.

Wen-lu Zhu, Ph.D., is an associate scientist in the Department of Geology and Geophysics at Woods Hole Oceanographic Institution. She received her doctorate in 1996 from the State University of New York at Stony Brook and her masters in 1989 from Peking University in Beijing, China. She was awarded the AGU Mineral and Rock Physics Outstanding Student Award (1997) for her thesis work. Her research interest is to understand fluid flow in the Earth's crust and mantle and their geological implications. More information can be found at <http://www.womenoceanographers.org/>.

DIVERSITY DAY HISTORY

In 2004 the leaders of six Woods Hole science institutions signed a Memorandum of Understanding, committing their institutions to work together to attract and retain a more diverse workforce. That memorandum established the Woods Hole Scientific Community Diversity Initiative. The Diversity Initiative in turn established an advisory committee to make recommendations as to how the institutions can make the village a more diverse, more inclusive community: the Woods Hole Diversity Advisory Committee.

In 2005 the Diversity Advisory Committee began making recommendations about ways the science institutions could do a better job of welcoming students, scholars, researchers, all other employees, and visitors. Those recommendations and links to the 6 institutions are listed below. The Advisory Committee developed a Web site to raise awareness of the diversity that does exist in our community; to list resources for people living in the Woods Hole/Upper Cape area; to display educational and job opportunities; to spread the word about what a good place this is to live and work; and to help create a better life for all of us and make Woods Hole an even better place to live. This Diversity Day celebrates the signing of the Memorandum of Understanding and the beginning of our journey as a community to create "pathways of opportunity."

For information about diversity in Woods Hole and at each institution visit:

www.woodsholediversity.org

The six institutions of the Woods Hole Diversity Initiative are:

Marine Biological Laboratory	www.mbl.edu
National Marine Fisheries Service	www.nefsc.noaa.gov/nefsc/woodshole
Sea Education Association	www.sea.edu
U.S. Geological Survey	woodshole.er.usgs.gov
Woods Hole Oceanographic Institution	www.whoi.edu
Woods Hole Research Center	www.whrc.org

Recommendations of the Diversity Advisory Committee July 2005

- Each member institution establishes its own working diversity committee;
- Each member institution supports diversity through leadership and commitment;
- Each member institution assures accountability;
- Member institutions develop outreach/mentoring/intern programs, at and among institutions;
- Member institutions develop mechanisms to attract, recruit, and retain diverse populations;
- The Diversity Initiative through the Diversity Advisory Committee (DAC) identifies and promotes initiatives through collaborative communication and outreach;
- The Diversity Initiative through the DAC brings experts to advise and counsel member institutions on diversity program development;
- The DAC is an ongoing committee.