

# 2014 UNOLS COUNCIL SLATE

Elections will be held at the UNOLS Annual meeting on 21-22 October 2014 to fill Council member terms that will expire this year. UNOLS Nominating Committee members Bruce Corliss (Chair) and Peter Ortner have assembled a slate of candidates for the UNOLS Council positions to be filled. This election will be held in accordance with the UNOLS Charter as readopted 20 December 2013.

The slate and information about the candidates is available on the following pages.

## **CHAIR-ELECT (2 year term) – Individual affiliated with any UNOLS Member Institution**

- ❖ **Dr. Maureen Conte, Bermuda Institute of Ocean Sciences**
- ❖ **Dr. Deborah K. Steinberg, Virginia Institute of Marine Science**

## **OPERATOR REPRESENTATIVE (3 year term) – Individual affiliated with any designated UNOLS Operator Member Institution**

- ❖ **Dr. David Goldberg, Lamont-Doherty Earth Observatory**
- ❖ **Dr. R. Kipp Shearman, Oregon State University**
- ❖ **Dr. David Smith, University of Rhode Island**

## **AT-LARGE REPRESENTATIVE (3 year term) – Individual affiliated with any UNOLS Member Institution**

- ❖ **Dr. William Hogarth, Florida Institute of Oceanography**
- ❖ **Dr. Deborah Smith, Woods Hole Oceanographic Institution**

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### **Additional Changes to the Council Membership**

At the close of the 2014 Annual Meeting, the following changes in the UNOLS Council membership will take place:

- The current UNOLS Chair, **Dr. Peter Ortner**, will become the UNOLS Immediate past Chair.
- The current UNOLS Chair-Elect, **Dr. Christopher Measures**, will become the UNOLS Chair.

## **CANDIDATES FOR UNOLS CHAIR-ELECT POSITION**

### **Dr. Maureen Conte, Bermuda Institute of Ocean Sciences**

#### **Statement of Interest:**

A strong and capable research fleet is the backbone of oceanographic science excellence, and a strong and effective UNOLS organization is critical for the strength and capabilities of the US fleet.

UNOLS has been and continues to be a vibrant organization that benefits from highly skilled and dedicated staff and member representatives, and an effective and congenial working relationship with NSF, ONR and NOAA. But it is no secret that the US oceanographic community and UNOLS currently face daunting challenges: aging ships, decreasing operational and science budgets, fleet downsizing, increased regulatory requirements and crewing challenges to name but a few. Yet in spite of these negatives, new and exciting opportunities are also emerging for UNOLS in the coming decade as novel technologies continue to expand the breadth of research possibilities and new, state of the art vessels with increasingly sophisticated instrumentation and sampling capabilities begin to come on line.

In the face of decreasing budgets and increasing operational costs, it is likely that UNOLS will be increasingly called upon by NSF and other agencies to provide reasoned analyses and recommendations to assist them in making the hard decisions that will be needed to best allocate increasingly limited resources so as to maintain the breadth of scientific missions and research capabilities. Success in meeting this shared goal will be difficult and absolutely demand strong, active and balanced UNOLS committees populated by experts with diverse science and operations backgrounds who can objectively and fairly weigh the up- and down-sides of various options and recommendations. Similarly, the realities of operating a smaller but increasingly technologically-sophisticated fleet will require ever more of UNOLS RVOC and RVTEC committees to maintain highly skilled personnel and a global reach at greater efficiencies.

Yet the coming decade also presents a very exciting and rewarding time for UNOLS involvement. The fleet is rapidly evolving from a cadre of ships originally designed as remote floating platforms mainly capable of limited, discrete point sampling of the ocean in a near contextual vacuum to an integrated array of highly interactive research laboratories with satellite communications and ship-mounted instruments capable of seamlessly streaming thousands of real-time data back and forth to shore each day. The UNOLS organization has a unique opportunity and important challenge to help guide this ongoing transformation of the US research fleet and its operational capabilities.

I see the role of the UNOLS chair as central for maintaining the strong communications and working relationships among both the oceanographic community and the federal agencies that are essential for identifying and setting priorities for UNOLS and its committee activities. The chair also has an important role to play in assisting UNOLS to populate its committees with highly qualified experts having the required diversity of backgrounds and experience to best meet the present-day needs of the oceanographic community and who also have the foresight to make well-informed and considered recommendations to help guide longer-range planning and strengthen the capabilities of the US fleet and related infrastructure assets. During my tenure as UNOLS chair- elect, I will spend my time mainly listening and learning to gain more in-depth knowledge about UNOLS staff and committee activities, so as to determine where to best focus and prioritize my efforts as chair to best facilitate UNOLS directives and goals.

#### **Biographical Sketch:**

##### **Professional Appointments:**

2009-present Adjunct Associate Professor, Geological Sciences, Brown University

2004-present Adjunct Associate Scientist (resident), Ecosystems Center, Marine Biological Laboratory,

Woods Hole MA

2004-present Associate Research Scientist, Bermuda Institute of Ocean Sciences, Bermuda

1998- 2004 Associate Scientist, Marine Chemistry and Geochemistry, Woods Hole Oceanographic Institution, Woods Hole MA

1994-1997 Assistant Scientist, Marine Chemistry and Geochemistry, Woods Hole Oceanographic Institution, Woods Hole MA

1994-1995 Adjunct Research Fellow, Biogeochemistry Research Centre, University of Bristol, UK

1991-1993 Research Fellow, School of Chemistry and Biogeochemistry Research Centre, University of Bristol, UK

1989-1991 Postdoctoral Research Associate, School of Chemistry, University of Bristol, UK

**Education:**

- 1971/72, Georgia Institute of Technology, Atlanta GA (Civil/Sanitary Engineering)
- BA, 1975, The Johns Hopkins University, Baltimore MD (Geography and Environmental Engineering)
- MA, 1982, Columbia University, New York NY (Lamont-Doherty Geological Observatory) (Geology)
- MPhil, 1987, Columbia University, New York NY (LDGO) (Geology)
- PhD, 1989, Columbia University, New York NY (LDGO, Palisades NY) (Geology)

**Research Interests:**

- Trace level molecular and isotopic organic geochemistry
- The production, flux and early diagenesis of organic material in the marine environment, in particular the use of biomarkers (and inorganic tracers) to elucidate fundamental interactions and linkages of particle flux with physical, chemical and biological processes on timescales of days to decades
- The use of plant biomarkers in aerosols and climate studies as indicators of terrestrial biosphere functioning
- Development of applications of lipid biomarker compounds in studies of the organic carbon cycle, including molecular proxies for paleoclimate reconstructions

**Seagoing Experience:** Over the past thirty years, conducted a wide range of research on US (*Oceanus*, *Weatherbird*, *Knorr*, *Wecoma*); British (*Discovery*, *Charles Darwin*); and German (*Meteor*) ships. Since 1996, served as the Principal Investigator of the Oceanic Flux Program sediment trap time-series off Bermuda, and sailed as Chief Scientist on >65 cruises on the R/V *Weatherbird II* and R/V *Atlantic Explorer*.

**Professional Membership and Selected Service:**

- UNOLS Fleet Improvement Committee (2007-2012)
- PI and mentor, Chief Scientist Training cruise, Barbados-Bermuda (2014)
- Principal Investigator of the Oceanic Flux Program sediment trap time-series (1995-present)
- Science Oversight Committee, Regional Class Research Vessel (RCRV) construction (2013-present).
- NSF and International (France, Ireland, Netherlands) review panels
- American Geophysical Union
- American Society of Limnology and Oceanography
- American Chemical Society, Organic Geochemistry Division
- The Oceanography Society

**Publications:** Author or co-author of 49 peer-reviewed publications.

**Website:** <http://www.bios.edu/about/team-members/maureen-conte/>

## **Dr. Deborah K. Steinberg, Virginia Institute of Marine Science**

### **Statement of Interest:**

From my first oceanographic research cruise as an undergraduate 28 years ago, to my role as a Principal Investigator on multidisciplinary research projects around the world, I have recognized the enormous value of our community's research fleet. Whilst serving on the UNOLS Council over the past four years I have become acutely aware of both the exciting opportunities and the difficult challenges facing the UNOLS fleet. We are in an age of rapid technological advances in instrumentation and observing systems, and UNOLS will be supporting and helping to push the boundaries of our science. The fleet will also need to play a key role in training the new generation of ocean scientists, and in educating the general public and policy makers about our oceans.

These are exciting times for ocean sciences, but very challenging, with flat budgets at NSF, rising fuel and other operating costs for ships, and decrease in utilization of some of our ships; thus we will continue to face some tough decisions concerning the future of the fleet. The agencies that largely support our ships are under pressure to cut costs, and state and other institutions that operate the ships are also stretching their budgets to maintain their ships and programs. UNOLS will have to continue to be creative, figuring out ways to help operators find additional users of the fleet, providing advice to the agencies based on community input so that ships are retired or replaced in a responsible way, and assuring that we have the most modern fleet possible to meet the needs of our science. At this time the Ocean Observatories Initiative has just begun its operational phase, we have two new ships coming on line, and many new, young marine scientists trying to gain their footing in a challenging budget climate. There will be this and a lot more going on over the next several years. I would look forward to working with the impressive network of scientists, funding agencies, vessel operators, and marine technical and other staff that comprise UNOLS. I believe my experience in ocean research, leadership, and education will allow me to thoughtfully represent the oceanographic community as Chair elect of the UNOLS Council.

### **Biographical Sketch:**

#### **Professional Experience:**

|                |   |
|----------------|---|
| 2014 – present | CSX Professor of Marine Science, Dept. of Biological Sciences, Virginia Institute of Marine Science, College of William and Mary (VIMS) |
| 2008 – 2014    | Professor, VIMS   |
| 2001 – 2007    | Associate Professor, VIMS   |
| 1999 – 2000    | Associate Research Scientist, Bermuda Institute of Ocean Sciences   |
| 1995 – 1998    | Assistant Research Scientist, Bermuda Institute of Ocean Sciences   |

#### **Education:**

BA, 1987, University of California, Santa Barbara  
PhD, 1993, University of California, Santa Cruz  
Post-Doctoral Research, 1994, University of California, Santa Cruz

#### **Research Interests:**

Zooplankton ecology and biogeochemical cycling, particle export, coastal and deep-sea food webs, and effects of climate change on plankton communities. Current research programs and cruises include the western Antarctic Peninsula, Sargasso Sea, and Chesapeake Bay.

#### **Seagoing Experience:**

More than 50 research cruises since 1986 on approximately 10 different ships, with cruises ranging from days to 6 weeks in duration. Includes work aboard 8 different UNOLS vessels (Global, Intermediate, and Regional classes), a polar research vessel, and a NOAA ship.

**Professional Memberships and Selected Service:**

Council Member, UNOLS, 2010-present

Council Member, The Oceanography Society, 2012 – present

Associate Editor, Deep-Sea Research, 2004 – present

Executive Committee member, American Geophysical Union, Ocean Sciences Section 2006 – 2008, and Secretary, 2002 – 2006

**Honors/Awards:**

2014 CSX Eminent Scholar Professorship/ Chair in Marine Science

2014 William & Mary Plumeri Award for Faculty Excellence

2012 Sverdrup Award lecture, Ocean Sciences, American Geophysical Union

2006 Dean's Prize for the Advancement of Women in Marine Science (VIMS)

2005 College of William and Mary Class of 1964 Distinguished Professor Award

2005 Elected to the Board of Trustees, Bermuda Institute of Ocean Sciences

1987 National Science Foundation Antarctic Service Medal

**Publications:** Author or co-author of 81 peer-reviewed publications.

**Website:** [http://www.vims.edu/people/steinberg\\_dk/index.php](http://www.vims.edu/people/steinberg_dk/index.php)

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## CANDIDATES FOR COUNCIL OPERATOR POSITION

### Dr. David Goldberg, Lamont-Doherty Earth Observatory

#### Statement of Interest:

Changing scientific needs, future ship retirements/replacements, and tight financial conditions in the University National Oceanographic Laboratory Systems' (UNOLS) academic fleet demands a broad view for utilization of the oceanographic research facilities. LDEO currently operates *R/V Langseth*, owned by the NSF, which is one of the seven global-class vessels in the UNOLS fleet. The near-term retirement of two of the global-class oceanographic vessels in the fleet (*Melville* and *Knorr*) and construction of new ocean-class vessels (*Ride* and *Armstrong*) will substantially change the complexion of the UNOLS portfolio. More than ever, UNOLS must effectively draw upon current facilities to match the needs of the scientific community. *Langseth* is the only UNOLS vessel equipped to carry out long-offset and 3-D marine seismological surveys. Technology advances quickly, and its effective use requires continued improvements in instrumentation. In considering additional capacity for both seismic and non-seismic instrumentation in the fleet, NSF has added general-purpose research capacities to *Langseth* while striving to maintain state-of-the-art technologies in support of her unique seismic capability. This has been an effective strategy to date, however it should be paired with a look towards new technologies that will be needed in the future to perform at the cutting edge of marine science. Going forward, UNOLS should weigh the effectiveness of each new technology, its availability, affordability and lifecycle, as well as the logistical challenges of implementation on any particular vessel, especially the *Langseth*.

A very important topic for UNOLS to consider is how it might adopt a longer-term approach to ship scheduling – specifically, establishing ship tracks for out-year cruises – which would ultimately streamline seagoing operations in a number of ways. Scheduling in this manner could achieve much greater efficiency in net transit times over current practices. Long term scheduling also allows more time for operational cruise planning, permitting processes, technical and budgetary preparations, and greater opportunity to schedule non-governmental programs. Not only would this broadly improve efficiencies within the fleet, but offer greater possibilities for reducing the financial burden on governmental agencies in operating it. Some efforts towards longer term planning have already begun within the community, such as NSF-supported workshops, to consider the future of fleet-wide strategic planning and financial management. I believe UNOLS council is the most appropriate venue to continue these discussions.

Having been closely involved with large program operations, technology development, ship scheduling and planning for 25 years (ODP and IODP), and with strategic planning at Lamont-Doherty and in the Office of Marine Operations (for *Langseth*), I would welcome the opportunity to offer these perspectives on the UNOLS council.

#### Biographical Sketch:

##### **Professional Appointments:**

2010-present Lamont Research Professor, Lamont-Doherty Earth Observatory of Columbia University  
2009-present Associate Director, Marine Division, Lamont-Doherty Earth Observatory of Columbia University  
2002 Doherty Senior Research Scientist, Lamont-Doherty Earth Observatory of Columbia University  
1997 Doherty Research Scientist, Lamont-Doherty Earth Observatory of Columbia University  
1992 Director and Chief Scientist, Borehole Research Group  
1987 Associate Research Scientist, Lamont-Doherty Earth Observatory of Columbia University  
1986 Post-doctoral Research Scientist, Institut Francais du Petrole, Rueil-Malmaison, France

##### **Education:**

B.S., 1981, Massachusetts Institute of Technology, Geophysics  
M.S., 1981, Massachusetts Institute of Technology Marine, Geophysics  
Ph.D, 1985, Columbia University, Borehole Geophysics  
M.B.A., 1989, Columbia University

**Research Interests:** Methane Hydrates, CO<sub>2</sub> sequestration, Borehole and Marine Geophysics

**Seagoing Experience:**

1985 – 2002: 12 cruises aboard D/V *Joides Resolution*  
1984-1985: 2 cruises aboard D/V *Glomar Challenger*  
1980: R/V *Atlantis II*

**Professional Service/Synergistic Activities:**

- U.S. Secretary of Energy's Methane Hydrate Advisory Committee (*DOE*)
- TriCarb Technical Advisory Committee (*DOE/Sandia Technology*)
- Consortium for Ocean Leadership, Hydrate Science Team (*DOE/NETL*)
- International Scientific Logging Consortium for IODP (*NSF/ECORD*)
- NRC Review Committee for the *NOAA National Geophysical Data Center (NGDC)*
- NSF-SEES Research Collaboration Network (RCN): Multidisciplinary Approaches to Carbon Capture Utilization and Storage (*NSF; AmICh*)

**Awards and Honors:**

- Most Cited Papers Award, 2004-2007 (*Earth & Plan Sci Lett*, 222, 845-862; Elsevier, 2007)
- Best Symposium Paper, third place (*Society of Petrophysicists and Well Log Analysts*, 2003)
- Distinguished Service Award (*Society of Petrophysicists and Well Log Analysts*, 2002)

**Publications:** Author or co-author of 123 peer reviewed publications, dozens of popular articles, and 4 patents.

**Website:** <http://www.ldeo.columbia.edu/~goldberg/>

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## **Dr. R. Kipp Shearman, Oregon State University**

### **Statement of Interest:**

Please, consider me for service on the UNOLS Council as an operator member. I have been going to sea on UNOLS vessels for nearly 20 years, starting as an undergraduate student. I have participated in 30 cruises (7 as chief scientist) and sailed on global, intermediate, regional and coastal vessels. I am a physical oceanographer, however, much of my research is interdisciplinary, and I have experience carrying-out large, multi-PI, multi-disciplinary and multi-ship research projects. Currently, I serve OSU as our UNOLS representative and as Chair of the OSU Ship Operations Committee, where I helped oversee the retirement of *Wecoma* and transition to *Oceanus*. In addition to being a ship-based, seagoing oceanographer, I have extensive experience operating Autonomous Underwater Vehicle gliders in coordination with ships and as standalone observational platforms.

This is a critical period for ships, UNOLS and seagoing oceanography. Our challenge is to find a way to foster ship-based research, while faced with the realities of a shrinking fleet and decreasing operating days. We can meet this challenge on multiple fronts. First, we have to make the most of limited resources. We must look for ways to improve efficiency and cost-effectiveness of the existing fleet and ships that will be newly added. Developing the ways in which our ships interact with new technologies, such as AUVs, should feature prominently in this effort. Second, we must explore new funding models for our ships, including institutional support, industry-academic collaborations and ties with new federal agencies. Finally, we must increase the demand for ship-time, by training and encouraging the next generation of observational oceanographers, empowering them to propose important, new ship-based research.

### **Biographical Sketch:**

#### **Professional Experience:**

|                            |   |
|----------------------------|---|
| June 2010 – present        | Associate Professor, COAS, Oregon State University        |
| September 2004 – June 2010 | Assistant Professor, COAS, Oregon State University        |
| May 2002 – September 2004  | Assistant Scientist, Woods Hole Oceanographic Institution |

#### **Education:**

B.S., 1993, University of Colorado, Aeronautical Engineering (with Distinction)  
Ph.D., 1999, Oregon State University, Physical Oceanography  
Woods Hole Oceanographic Institution, Postdoctoral Scholar/Investigator, December 1999 – May 2002

**Research Interests:** Principal research interest is the study of physical processes associated with circulation along oceanic margins. Most interested in understanding the dynamics of flow over the continental shelf and slope, and the linkages between the coastal and adjacent deep ocean. Observational approaches, using innovative sampling techniques coupled with modeling and analysis, to explain fundamental physical processes. Dr. Shearman believes that such research needs to be approached with an interdisciplinary perspective, extending the understanding of physical processes to their impacts on biological, chemical and environmental processes.

**Seagoing Experience:** Participation in 30 research cruises (sponsored mainly by the NSF and ONR), starting as an undergraduate in 1993, and have been chief-scientist on 7 cruises. Sailed on every class of UNOLS vessel from Coastal to Global, and worked from a variety of foreign and domestic ports. In addition to being a ship-based oceanographer, extensive experience using Autonomous Underwater Vehicle gliders, both in coordination with ship surveys and as stand-alone platforms. Since 2006, the OSU Glider Group has completed 177 deployments totaling 3345 glider-days at sea.

#### **Professional Memberships/Service and OSU Activities:**

- OSU Representative to UNOLS, 2009 – present
- UNOLS Ocean Class Research Vessel (OCRV) Science Advisory Panel
- Member, American Geophysical Union, 1996 - present



- Member, Marine Technology Society, Advisor for Oregon Student Section, 2011 - present
- NSF Panel, Physical Oceanography, Washington D.C., May 2007
- Reviewer: *Journal of Physical Oceanography*, *Journal of Geophysical Research*, *Geophysical Research Letters*, *Continental Shelf Research*, *Dynamics of Atmospheres and Oceans*, *Journal of Field Robotics*, *Journal of Atmospheric and Oceanic Technology*, *Deep Sea Research*, *Limnology and Oceanography*, *Nature*
- OSU Ship Operations Committee 2004 – present; Chair, 2011 – present

**Publications:** Author or co-author of 22 peer-reviewed publications.

**Website:** <http://ceoas.oregonstate.edu/profile/shearman/>

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## **Dr. David C. Smith, University of Rhode Island**

### **Statement of Interest:**

I wish to be considered for the open Operators Position on the UNOLS Council. I have been an active sea-going scientist for more than 25 years and I am keenly interested in the future of the academic research fleet. Despite the advances in remote sensing, unmanned vehicles, modeling and telepresence, I feel strongly that there will always be a need for seagoing scientists. Therefore, I feel that it is imperative that we not only maintain and improve our research fleet, but use it to train future generations of seagoing oceanographers. It is critical that we, as an oceanographic community, work aggressively to ensure that our research fleet is capable of supporting the ever-evolving technological demands of ocean science.

In my eight years of service as the Associate Dean at the Graduate School of Oceanography, I have developed some administrative skills that should prove useful to the UNOLS Council. In addition, I feel that my experiences at sea (>700 days at sea on 20 different research vessels) will allow me to be a productive member of this important committee if selected.

### **Biographical Sketch:**

#### **Professional Experience:** (Graduate School of Oceanography, University of Rhode Island)

2008 – present Professor  
2006 – present Associate Dean  
2003 – 2008 Associate Professor  
1997 – 2003 Assistant Professor

#### **Education:**

BS, 1984, California State University, Long Beach  
PhD, 1994, Scripps Institution of Oceanography, University of California, San Diego  
Post-Doctoral Research, 1994 – 1996, Scripps Institution of Oceanography, UC, San Diego

#### **Research Interests:**

My research is focused on the study of how microorganisms perform in the marine environment and the biogeochemical consequences of their metabolism. I quantify microbial biomass, activity and the genetic makeup of the community. These research efforts include the study of microbes in the water column and in sediments.

#### **Seagoing Experience:**

More than forty cruises since 1989 totaling, >700 days at sea on 20 different ships. Ship time included work aboard various UNOLS vessels (Global, Intermediate, and Regional classes), foreign ships, Polar vessels, a NOAA ship, and a commercial vessel.

#### **Professional Memberships and Recent Service:**

- Associate Editor, *Estuaries*, 2002 – 2008
- Review Editor, *Aquatic Microbial Ecology*, 1995 – 2006
- Review Editor, *Frontiers in Microbiological Chemistry*, 2011 - present
- Ocean Drilling Program:
  - Scientific Ocean Drilling Vessel - lab design committee
  - Science Measurements Panel 2000 – 2003
  - Proposal Evaluation Panel 2012 – 2013
  - Joint Oceanographic Institutions U.S. Science Advisory Committee 2003 – 2006
  - Science Planning Committee Member, 2011 – 2014
  - Curatorial Advisory Board, 2008 – present

**Awards/Recognitions:**

2002 Joint Oceanographic Institutions, Distinguished Lecturer

1994 Raymond L. Lindeman Award (American Society of Limnology & Oceanography)

1991 Antarctic Service Medal

**Publications:** Author or co-author of approximately 50 peer reviewed publications.

**Website:** < <http://www.gso.uri.edu/users/dcsmith> >

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## CANDIDATES FOR COUNCIL AT-LARGE POSITION

### **Dr. William Hogarth, Florida Institute of Oceanography**

#### **Statement of Interest:**

I would like to express my enthusiasm in applying to serve on the UNOLS Council. My background and experience focuses on a wide range of oceanographic, scientific, and marine policy issues including a long working history in Federal, State and Academia research activities, which has required the use of a wide range of research platforms. Many of these activities include my direct involvement in the operations of small to large research vessels.

I currently serve as Director of the Florida Institute of Oceanography (FIO). FIO is an Academic Infrastructure Support Organization (AISO) that was established by the Florida Board of Governors (BOG) to serve the State University System's (SUS) as a coordinating body to support Florida's coastal marine science and oceanography programs. The FIO is a virtual intellectual and physical hub for the mature and diverse marine science enterprises and provides services to the 12 SUS institutions in addition to Eckerd College, Florida Sea Grant College; University of Miami, Rosenstiel School of Marine and Atmospheric Science; Florida Department of Environmental Protection; Florida Fish & Wildlife Conservation Commission/Fish and Wildlife Research Institute; Florida Institute of Technology; Mote Marine Laboratory; Nova Southeastern University; and the Smithsonian Marine Station at Fort Pierce. Recently, Hubbs-Seaworld Research Institute, Jacksonville University, SRI St. Petersburg, St. Petersburg College, University of South Florida-St. Petersburg, Roffer's Ocean Fishing Forecasting Service, Inc., and Sanibel-Captiva Conservation Foundation. The FIO AISO is a significant effort that, by definition, contributes to the SUS' shared mission to serve the needs of a diverse state through excellence in teaching, research, and public service.

While FIO is non-UNOLS operator; we operate two research vessels, the *R/V Weatherbird II* and *R/V Bellows*, as well as providing other seagoing platforms and instrumentations. We have adopted the UNOLS Safety Standards, attend RVTEC and RVOC committee meetings, and Dr. Dennis Nixon serve as a member of our Board of Visitors. I feel confident with my active participation on the Council, I feel I can bring a perspective that will assist and develop a dialogue between various operators of research vessels that will enable us to potentially operate more efficiently in today's financial uncertainty.

I have been serving on the Gulf of Mexico Research Initiative Board (GoMRI), a position appointed by Florida's Governor Crist in 2010 which oversees the funds of \$500 million committed by BP over the next 10 years to investigate the impacts of the oil effects on the ecosystems of the Gulf of Mexico during the Deepwater Horizon disaster.

Before joining USF, I appointed by President George W. Bush in September 2001 to serve as the former Assistant Administrator (AA) of the National Marine Fisheries Services (NMFS) at the National Oceanic and Atmospheric Administration (NOAA). During my appointment, I had oversight of the management and conservation of marine fisheries and the protection of marine mammals, sea turtles and coastal fisheries habitat within the United States exclusive economic zone with emphasis on management and enhancement for living marine resources. Concurrently with my appointment as AA of NMFS, I served as the Commissioner and Chairman for the International Commission for the Conservation of Atlantic Tuna (ICCAT) and the Commissioner and Chairman for the International Whaling Commission (IWC), a Presidential Appointment.

I have included my curriculum vitae which further outlines my experiences that I feel would maximize the research and science objectives of the committee. Thank you for your time and consideration and I look forward to hearing back from you soon about this opportunity.

Sincerely,

William "Bill" Hogarth

## **Biographical Sketch:**

### **Professional Appointments:**

- 2011- Present Director, Florida Institute of Oceanography
- 2012-2013 Regional Chancellor, University of South Florida- St. Petersburg
- 2008 - 2011 Dean, USF College of Marine Science
- 2001 - 2007 Assistant Administrator for Fisheries, National Marine Fisheries Service, NOAA/Department of Commerce
- 2001 Served as the Acting Assistant Administrator
- 2000 - 2001 Deputy Assistant Administrator for Fisheries, National Marine Fisheries Service
- 1999 - 2000 Regional Administrator, Southeast Region, St. Petersburg, FL
- 1998 - 1999 Regional Administrator, Southwest Region
- 1997 - 1998 Acting Regional Administrator, National Marine Fisheries Service, Southwest Region, Long Beach, CA
- 1996 - 1997 Acting Chief, Highly Migratory Species Management Division, National Marine Fisheries Service, Office of Sustainable Fisheries, Highly Migratory Species Management Division, Silver Spring, MD
- 1994 - 1996 Fisheries Biologist, National Marine Fisheries Service, Office of Fisheries Conservation and Management, Silver Spring, MD 20910
- 1986 -1994 Director, North Carolina Division of Marine Fisheries, North Carolina Department of Environment, Health and Natural Resources, Raleigh, NC
- 1972 - 1984 Environmental Technology Manager, Carolina Power and Light Company, Raleigh, NC

### **Education:**

- BS, 1963, University of Richmond, Richmond, Virginia
- MS, 1965, University of Richmond, Richmond, Virginia
- PhD, 1976, North Carolina State University, Raleigh, NC

### **Research Interests:**

Fisheries; Environmental, Scientific and Marine Policy Issues

**Research Vessel Experience:** Direct involvement in the operations of small to large vessels, including FIO's R/V *Weatherbird II* and R/V *Bellows*.

### **Professional Service:**

- Gulf of Mexico Research Initiative Board (GoMRI), a position appointed by Florida's Governor Crist, 2010 - present
- Commissioner and Chairman for the International Commission for the Conservation of Atlantic Tuna (ICCAT), 2001
- Commissioner and Chairman for the International Whaling Commission (IWC), a Presidential Appointment, 2001

**Publications:** Author or co-author of 14 peer-reviewed publications.

**Website:** <http://www.fio.usf.edu/about-us/fio-personnel/178-dr-bill-hogarth>

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## **Dr. Deborah K. Smith, Woods Hole Oceanographic Institution**

### **Statement of Interest:**

This letter serves as my statement of interest in continuing to be a member of UNOLS Council. I have been a member for three years. I have found being on the committee rewarding for many reasons, primarily among them is that UNOLS Council provides the opportunity to play a role in shaping how the oceanographic community retains access to the facilities which are critical to oceanographic research.

Since becoming a member of Council I have tried to be an active participant. Examples of the activities I have been involved in include helping to analyze and interpret the results of a vessel usage survey that UNOLS conducted a few years ago. There were a number of important recurring themes in the responses. One of these is the perception that it is a waste of time to submit a proposal that includes ship time because it makes the proposal too expensive. Understanding such community perceptions is a valuable resource for explaining some of the current trends we are seeing in proposal submissions. I also helped to draft a response to NSF addressing community concern about NSF's decision to only accept proposals that use the larger ships once a year. And, I helped to draft Council's response to the anonymous Nature editorial 'Counting the Costs'. Recently, I agreed to help write an article for Eos describing the Council's activities and encouraging community input. In addition, I am putting together a page of what I call 'talking points' to describe to the general public what UNOLS is and why it is important.

In summary, I have found my three years on UNOLS Council both rewarding and educational. And if I remain a Council member, I will continue to be an active participant of the committee.

### **Biographical Sketch:**

#### **Professional Experience:**

|              |   |
|--------------|---|
| 2001-present | Senior Scientist, Dept. of Geology and Geophysics, WHOI                   |
| 2010-present | Adjunct Professor, University of Maryland                                 |
| 2007-2010    | IPA in the Ocean Drilling Program, Division of OCE at NSF                 |
| 2001         | Visiting Professor, Institut de Physique du Globe de Paris                |
| 1991-2001    | Associate Scientist (tenured 1995), Dept. of Geology and Geophysics, WHOI |
| 1998         | Green Scholar, Green Foundation for Earth Sciences, IGPP, SIO             |
| 1987         | Office of Naval Research Young Investigator                               |
| 1987-1991    | Assistant Scientist, Dept. of Geology and Geophysics, WHOI                |
| 1986-1987    | Post-doctoral Scholar, Dept. of Geology and Geophysics, WHOI              |

#### **Education:**

BS, 1972, University of Wisconsin, Madison  
BA, 1981, San Francisco State University  
Ph.D., 1985, University of California, San Diego

**Research Interests:** Construction and evolution of the oceanic crust and lithosphere. The controls on the initiation and evolution of long-lived detachment faults at slower-spreading mid-ocean ridges, and their relationship to magma supply at the ridge axis. The dynamics of ridge-ridge-ridge triple junctions and the nature of the deformation at the plate boundaries.

**Seagoing Experience:** Over the last 24 years, participated in 17 oceanographic research cruises, 14 as Chief or Co-Chief Scientist. Field operations have included work in the North and South Pacific, off Hawaii, North and Equatorial Atlantic, Equatorial Pacific, and near the Galapagos Islands.

**Professional Memberships, Recent Service, and Activities:**

- UNOLS Council – 2011 to present
- IEDA Data Policy Committee – 2011 to 2013
- NSF representative on Integrated Ocean Drilling Program (IODP) Council and International Working Group Plus – 2007 to 2010
- Ridge 2000 Distinguished Lecturer - 2008
- NRC study committee: Archiving Environmental and Geospatial Data at NOAA - 2006
- InterRidge Steering Committee – 2003 to 2004
- RIDGE 2000 Steering Committee – 2002 to 2004
- RIDGE 2000 Executive Committee – 2002 to 2004
- NRC Committee to Review NOAA's National Geophysical Data Center – 2002 to 2003
- Organizing Committee Chair, Workshop on Data Management for Marine Geology and Geophysics - 2001
- Centers of Ocean Sciences Education Excellence (COSEE) Implementation Steering Committee - 2001
- United States Science Advisory Committee (USSAC) – 2000 to 2002
- USSAC Executive Committee – 2000 to 2002

**Awards / Recognitions:**

- RIDGE 2000 Distinguished Lecturer - 2008
- Visiting Professor, Institut de Physique du Globe de Paris - 2001
- Mellon Foundation Endowment Fund for Innovative Research in Oceanography WHOI - 1995/98/01
- Green Scholar, Green Foundation for Earth Sciences, IGPP, SIO - 1998
- Office of Naval Research Young Investigator Program Award – 1987

**Publications:** Author or co-author of 70 peer reviewed publications.

**Website:** <http://www.who.edu/hpb/Site.do?id=41>

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