

AGU Ocean Sciences Section
Newsletter: August 2014
James W. Murray (UW Ocean) President
Lynne Talley (UCSD SIO) President Elect
Peter Schlosser (Columbia LDEO) Past President

This has been another outstanding year for the Ocean Sciences Section. Eighteen members affiliated (primary or secondary) with our Section became AGU Fellows. We have an outstanding set of awards and invited lectures scheduled for the Fall AGU Meeting in San Francisco. We initiated a new mid-career honor – The Voyager Award – that will be given for the first time at the Fall Meeting to Ben Horton from Rutgers. Ocean Science members will receive Union Awards. John Whitehead from Woods Hole Oceanographic Institution (WHOI) will receive the Ewing Medal, Heather Macdonald from William and Mary will receive the Excellence in Geophysical education Award and Dan Fornari from WHOI will receive the Edward Finn Award.

This is the time of year colleagues can donate to the AGU and you have the option to designate financial support for the Ocean Sciences Section when you renew your membership. This support is valuable for our section as it allows us to cover the travel and meeting expenses of our awardees and lecturers, pay for part of the Ocean Science Lunch expenses for Ocean Science students, and receptions.

Here are the highlights to put in your calendar for the Fall AGU Meeting in San Francisco. The details of the schedule won't be known until November but you can see from this list there will be good reasons to come so plan to prepare an abstract by 6 August. We will announce the schedule for events when known. Most OS events will be on Tuesday and Wednesday.

AGU Fall Meeting (15 to 19 December 2014; San Francisco)

Tuesday – **Ocean Science Luncheon**

Voyager Award – Benjamin Horton (Rutgers)

Acknowledge new Ocean Science Section AGU Fellows and Honorees

Tuesday – **Rachel Carson Lecture – Bess Ward** (Princeton)

Tuesday – **Reception** (Joint PP and OS)

Wednesday – **Sverdrup Lecture – Steven Emerson** (University of Washington)

Wednesday – **Emiliani Lecture** (Joint PP and OS) – **Peter deMenocal** (LDEO)

Wednesday – **Ocean Sciences Executive Committee Meeting**

Wednesday – **AGU Honors Ceremony**

Wednesday – **AGU Honors Banquet**

Ben Horton



Bess Ward



Steve Emerson



Peter deMenocal



Announcements:

The 2016 Ocean Sciences Meeting will be in New Orleans. AGU will be the lead society.

2015 Honors and Awards: Now is the time to start thinking about nominations for Ocean Sciences awards in 2015 including AGU Fellows. AGU will accept 2015 nominations for Union awards, prizes, medals and Fellows 15 January – 15 March 2015. OS Awards nominations will be accepted 15 January – 15 April 2015. Continue to consider female and international colleagues.

AGU Elections are soon. Election is open from 18 August to 17 September. If you are registered for AGU you will get an e-mail on 18 August with instructions.

Candidates:



President-elect

Eileen Hofmann (Old Dominion University)
Martin Visbeck (Geomar, Kiel)



Secretary Biological Oceanography

Mary Jane Perry (Maine)
Heidi M Sosik (WHOI)



Secretary Physical Oceanography

Victoria Coles (Horn Point)
Eric Itsweire (NSF)



New Editor in Chief of JGR Oceans

Peter G. Brewer (MBARI)

18 New AGU Fellows with Ocean Science Section Affiliation



Michael McPhaden, NOAA, Pacific Marine Environmental Lab (PMEL), *“For groundbreaking contributions to the physics of tropical oceans and their role in seasonal to interannual climate variability”*.



Meinrat O. Andreae, Max Planck Institute for Chemistry, *“For his leadership role in the scientific investigation of biosphere-atmosphere interactions and Earth Science integrative research.”*



David S. Battisti, University of Washington, *“For his contributions to understanding climate variability for phenomena ranging from ENSO and the Pacific Decadal Oscillation to paleoclimate.”*



Francisco Chavez, Monterey Bay Aquarium Research Institute (MBARI), *“For advancing fundamental knowledge of the physical-biological coupling between climate, ocean physics, productivity, and fisheries”*.



Antje Boetius, Alfred Wegener Institute, Max Planck Institute for Marine Microbiology, *“For her remarkable discovery of the microbial consortia responsible for anaerobic methane oxidation and the impacts of this process on the global methane cycle”*.



Gary Egbert, Oregon State University, *“For fundamental contributions to physical oceanography and geomagnetism, spearheaded by innovative and elegant applications of inverse methods.”*



William F. Fitzgerald, University of Connecticut, *“For his pioneering research on the global biogeochemical cycling of mercury and the impact of human activities on its behavior and fate in nature.”*



W. Rockwell Geyer, Woods Hole Oceanographic Institution, *“For discoveries and intellectual leadership in the fields of estuarine and river plume fluid dynamics and sediment transport”*



Susumu Honjo, Woods Hole Oceanographic Institution, *“For his contributions to our understanding and observations of marine particle compositions and fluxes, and of the oceanic biological pump.”*



Ralph F. Keeling, Scripps Institution of Oceanography, *“For observations and modeling studies that have advanced our understanding of the ocean and land carbon cycles and their anthropogenic perturbations.”*



Lee Kump, Penn State University, *“For pioneering research on the dynamics and long-term evolution of global biogeochemical cycles and coupling to climate.”*



M. Susan Lozier, Duke University, *“For ground-braking studies challenging conventional views of deep ocean circulation and ocean productivity”*



Delia Oppo, Woods Hole Oceanographic Institution, *“For her contributions towards understanding the causes of Earth’s climate variability and its link to ocean circulation and the hydrological cycle”*



Glenn Flierl, Massachusetts Institute of Technology, *“For fundamental contributions to physical and biological oceanography with particular emphasis on the dynamics of mesoscale eddies”*



Detlef Stammer, University of Hamburg, *“For fundamental advancement in the understanding of the global ocean circulation and regional sea level variability by creative observational and modeling analysis.”*



Howard J. Spero, University of California, Davis, *“For establishing how the geochemical composition of foraminifera from deep-sea sediments can be used to elucidate past climate and ocean changes.”*



Andrew J. Weaver, University of Victoria, *“For his outstanding contributions in climate dynamics and paleoclimate, especially on the role of the global thermohaline circulation in climate.”*



Peter Hans Santschi, Texas A & M University, *“For fundamental work on characterization of colloids in aquatic systems and their role on trace metal and radionuclide cycling and transport”*