



# PMEL Awards and Honors

## American Association for the Advancement of Science (AAAS)

**AAAS Fellow – Patricia Quinn (2019)** for “exceptional scientific contributions to our understanding of atmospheric aerosols and their climate impact”.

**AAAS Fellow – Richard Feely (2017)** for “leading the scientific examination of the acidification of oceans and shifting public policy to address this environmental issue”.

**AAAS Fellow – Carol Stepien (2016)** for “her distinguished contributions to the fields of molecular evolutionary ecology and conservation genetics, particularly invasive and native populations, and mentorship of graduate and undergraduate students”.

## American Geophysical Union (AGU)

**AGU Fellow – Robert Embley (2016)** for “pioneering contributions to our understanding of deep-sea volcanism by fostering interdisciplinary investigations with advanced technologies or

**AGU Fellow – Michael McPhaden (2014)** for “groundbreaking contributions to our knowledge of the physics of the tropical oceans and their role in seasonal to interannual climate variability.”

**AGU Fellow – James Overland (2014)** for “outstanding contributions to the following area(s): societal impact, service to the Earth and space community, scientific leadership, and promotion of talent/career pool”.

**Ambassador Award – James Overland (2014)** - for “raising public awareness and fostering collaborative, interdisciplinary research on Arctic change and ecosystem responses are tremendous”.

**Editor’s Citation for Excellence in Refereeing – Michael McPhaden (2016)** for *Journal of Geophysical Research - Oceans*

**Editor’s Citation for Excellence in Refereeing – Aaron Levine (2016)** for *Geophysical Research Letters*

**Editor’s Citation for Excellence in Refereeing – Chidong Zhang (2015)** for *Reviews of Geophysics*



## American Meteorological Society (AMS)

**AMS Fellow – Greg Johnson (2018)**

**AMS Fellow – D.E. Harrison (2014)**

**AMS Fellow – Chidong Zhang (2014)**

**Henry Stommel Research Award – Greg Johnson (2018)** for “fundamental contributions to understanding oceanic variability, from equator to poles and surface to abyss, and for pioneering studies of the oceans’ role in climate”.

**STAC Distinguished Scientific Accomplishment Award – Chidong Zhang (2018)** for “his contribution to the large-scale circulation, atmospheric convection, and air-sea interaction in the tropics, including leadership in the international field program DYNAMO/CINDY2011”.

**Sverdrup Gold Medal Award – Michael McPhaden (2016)** for “fundamental and extensive contributions to the understanding, observing, and forecasting tropical oceanic and atmospheric climate variability”.

## Geological Society of America

**Fellow – William Chadwick (2015)** for “his seminal studies on volcanic deformation and eruption processes and in pioneering studies in the nascent field of submarine physical volcanology”.

## Mexican Carbon Program

**Programa Mexican del Carbono Award – Richard Feely (2019)**

## National Ocean Partnership Program (NOPP)

**Excellence in Partnering Award – Jessica Cross (2019)** as part of the Marine Arctic Ecosystem Study team. Awarded to the most effective and productive project partnerships that have led to notable success in both reaching their goals and sparking incentives for further research investments.



**PMEL**  
Pacific Marine Environmental Laboratory

## National Oceanic and Atmospheric Administration

**Administrator's Award - Robert Dziak, Samara Haver, Chris Meinig (2019)** for “creating the nation’s first, comprehensive, underwater sound sensing network including all U.S. coastal regions & several marine national parks”.

**Administrator's Award – Chris Meinig, Scott Stalin, Nick Delich, Dirk Tagawa (2018)** for the successful establishment, deployment, testing and transfer of the most advanced tsunami detection system (Deep Ocean Assessment and Reporting of Tsunamis, 4th generation, or DART-4G) into operation.

**Administrator's Award – Greg Johnson (2018)** for “outstanding success of the U.S. Argo ocean observing program, providing excellent oceanographic data, leading to a new era of global oceanography”.

**Administrator's Award – Richard Feely, Greg Johnson, Jim Overland, Chris Sabine (2014)** for “scientific expertise, leadership and outstanding contributions to the Fifth Assessment report of the Intergovernmental Panel on Climate change”.

**Distinguished Career Award – Phyllis Stabeno (2019)** for “key scientific achievements and superior leadership in conducting and communicating the EcoFOCI research, supporting US marine resources in Alaska”.

**Distinguished Career Award – Robert Embley (2019)** for “pioneering contributions to scientific understanding of deep-sea volcanism by fostering interdisciplinary investigations with advanced technologies”.

**Distinguished Career Award – Susan Snyder (2018)** for “continued efforts in improving budgetary policies and procedures relating to memorandum of agreements and reimbursable funds throughout 30 years of service to NOAA”.

**Silver Sherman – Sylvia Scott (2017)**

**Silver Sherman – J. Michael Strick (2016)**

**Team Member of the Month – Susan Merle (2017)** for “having participated in more than 50 expeditions, Susan Merle has demonstrated superior organization and data processing skills both at sea and in the office. She has produced numerous detailed cruise reports, organized sonar and other data sets for scientific analyses and long-term archiving, and contributed to many peer-reviewed publications and meeting presentations. Susan successfully implemented



rapid data processing methods for multibeam sonar water-column data to locate and characterize gas bubble plumes being emitted from the sea floor. In 2016, Susan located and characterized more than 900 previously unknown methane gas plumes rising from the sea floor along the Cascadia continental margin (offshore Washington, Oregon, and northern California) using the multibeam sonar system on board the E/V Nautilus, tripling the number of known methane seeps along the western U.S. exclusive economic zone (EEZ)".

## NOAA Office of Oceanic and Atmospheric Research (OAR)

**Dr. Daniel L. Albritton Outstanding Science Communicator Award – James Overland (2017)** for “communicating the significance and limitations of scientific findings to policy makers within NOAA and around the world, the public, fisheries managers, environmental agencies, and biologists and other scientists not in his discipline. From the beginning of his career, he has set a priority of what and how to communicate. He has embraced the PMEL standard of communicating information backed by peer review journal articles, with Dr. Albritton as a role model”.

**Employee of the Year – Noah Lawrence-Slavas (2017)** for “outstanding engineering support in developing ocean observing systems that NOAA mission”.

**Outstanding Scientific Paper – Joe Resing (2016)** for “Basin-scale transport of hydrothermal dissolved metals across the South Pacific Ocean”. *Nature* 523, 200–203.

**Outstanding Scientific Paper – Richard Feely and Jessica Cross (2016)** for "Ocean Acidification Risk Assessment for Alaska’s Fishery Sector". *Process in Oceanography*. 136, 71-91.

## NOAA Ocean Acidification Program

**Best Communicator – Jessica Cross (2016)**

## North Pacific Marine Science Organization (PICES)

**Best Oral Presentation Award – Jessica Cross (2018)**

**PICES Ocean Monitoring Service Award – Greg Johnson as part of the International Argo Steering Team (2018)**

## University of Rhode Island Graduate School of Oceanography

**Vetlesen Distinguished Speaker – Greg Johnson (2017)**



## U.S. Department of Commerce

**Gold Medal – The Bering Sea Research Team (2015)** for “leading and conducting a comprehensive, integrated ecosystem research program that reveals how climate cycles affect the Nation’s largest fishery”.

**Gold Medal – Vasily Titov, Marie Eble, Chris Moore (2014)** for “protecting life and property by transitioning the Short-term Inundation Forecasting for Tsunamis system to operations”.

**Silver Medal – PMEL’s Acoustics Program and Engineering Development Division (2017)** for “the successful deployment and recovery of an acoustic mooring and the first long-term record of ambient sound at Challenger Deep”.

**Silver Medal – Jeremy Mathis, Chris Meinig, Noah Lawrence-Slavas, Scott Stalin, Nick Delich, Stacy Maenner-Jones (2015)** for “developing a multi-platform observing array to collect integrated environmental intelligence on ocean acidification in the Gulf of Alaska”.

**Bronze Medal – PMEL Sairdrone Team (2016)** for “strengthening NMFS-OAR collaborations through the pioneering use of a Sairdrone for next-generation ecosystem surveys in the Bering Sea”.

**Bronze Medal – Simone Alin, Catherine Cosca, Richard Feely, Chris Sabine (2016)** for “creating the Global Ocean Acidification Observing Network, a collaborative international approach to document the progress of ocean acidification”.

## U.S. Government

**Gears of Government – Chris Meinig, Scott Stalin, Dirk Tagawa, Nick Delich (2019)** for creating “the newest system for detecting a tsunami, allowing more time to alert potentially impacting citizens”.

## Web of Science

**Highly Cited Researcher – Richard Feely (2019, 2018)**

**Highly Cited Researcher – Michael McPhaden (2019)**

**Highly Cited Researcher – Patricia Quinn (2018)**