

~ Group AOML Awards and Honors ~

Year	Award/Honor	Awarding Organization	Recipient(s)	Award/Honor Justification
2020	Banner I. Miller Award	American Meteorological Society	Jun A. Zhang (CIMAS) Robert F. Rogers	For the best contribution to the science of hurricane and tropical weather forecasting published in a journal with international circulation during the 48 months prior to the presentation of the award: Zhang, J.A., D.S. Nolan, R.F. Rogers, and V. Tallapragada, 2015: Evaluating the impact of improvements in the boundary layer parameterization on hurricane intensity and structure forecasts in HWRF. <i>Monthly Weather Review</i> , 143(8):3136-3155 (doi:10.1175/MWR-D-14-00339.1).
2018	Administrator's Award	National Oceanic and Atmospheric Administration	John F. Gamache (member of a NOAA-Office of Marine and Aviation Operations group award)	For the design, fabrication, and validation of the airborne dual-Doppler weather radar system on NOAA's P-3 aircraft.
2018	Administrator's Award	National Oceanic and Atmospheric Administration	Molly O. Baringer Claudia N. Schmid (members of a group award)	For outstanding success of the U.S. Argo ocean observing program, providing excellent oceanographic data that has led to a new era of oceanography.
2018	Banner I. Miller Award	American Meteorological Society	Jason P. Dunion	For the best contribution to the science of hurricane and tropical weather forecasting published in a journal with international circulation during the 48 months prior to the presentation of the award: Dunion, J.P., C.D. Thorncroft, and C.S. Velden, 2014: The tropical cyclone diurnal cycle of mature hurricanes. <i>Monthly Weather Review</i> , 142(10):3900-3919 (doi:10.1175/MWR-D-13-00191.1).
2018	Laureate Award for Dual Defense Use	<i>Aviation Week</i>	Joseph J. Cione Altug Aksoy (CIMAS) Brittany Dahl (CIMAS) Kelly Ryan (CIMAS) Jun A. Zhang (CIMAS)	For use of the Coyote unmanned aerial system to gather data in the eye of Hurricane Maria, enabling NOAA to better forecast how intense the storm would be at landfall and more accurately estimate the magnitude of Maria's storm surge.

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2018	Outstanding Scientific Paper Award (Oceans and Great Lakes category)	Office of Oceanic and Atmospheric Research	Luke R. Thompson Kelly D. Goodwin	For pre-eminent science published through rigorous peer-review: Thompson, L.R., J.G. Sanders, D. McDonald, A. Amir, J. Ladau, K.J. Locey, R.J. Prill, A. Tripathi, S.M. Gibbons, G. Ackermann, J.A. Navas-Molina, S. Janssen, E. Kopylova, Y. Vázquez-Baeza, A. Gonzalez, J.T. Morton, S. Mirarab, Z.Z. Xu, L. Jiang, M.F. Haroon, J. Kanbar, Q. Zhu, S.J. Song, T. Kosciolk, N.A. Bokulich, J. Lefler, C.J. Brislawn, G. Humphrey, S.M. Owens, J. Hampton-Marcell, D. Berg-Lyons, V. McKenzie, N. Fierer, J.A. Fuhrman, A. Clauset, R.L. Stevens, A. Shade, K.S. Pollard, K.D. Goodwin, et al., 2017: A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 551(7681):457-463.
2017	Administrator's Award	National Oceanic and Atmospheric Administration	Elizabeth M. Johns Ryan H. Smith	For surveying Cuban waters and establishing a groundbreaking multinational Atlantic bluefin tuna research partnership with Cuban scientists.
2017	Excellence in Partnering Award	National Oceanographic Partnership Program	James C. Hendee Elizabeth M. Johns Christopher R. Kelble Christopher D. Sinigalliano	For contributions to the project entitled <i>National Marine Sanctuaries at Sentinel Sites for a Demonstration Marine Biodiversity Observation Network</i> .
2017	Banner I. Miller Award	American Meteorological Society	Robert M. Atlas Lisa R. Bucci (CIMAS)	For the best contribution to the science of hurricane and tropical weather forecasting published in a journal with international circulation during the 48 months prior to the presentation of the award: Nolan, D.S., R. Atlas, K.T. Bhatia, and L.R. Bucci, 2013: Development and validation of a hurricane nature run using the Joint OSSE nature run and the WRF model. <i>Journal of Advances in Modeling Earth Systems</i> , 5:382-405 (doi:10.1002/jame.20031).

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2016	Denny Medal	Institute of Marine Engineering, Science, and Technology	Joaquin Trinanés (Contractor) Gustavo Goni	For the best paper published over the course of a year in the <i>Journal of Operational Oceanography</i> . Trinanés, J.A., M.J. Olascoaga, G.J. Goni, N.A. Maximenko, D.A. Griffin, and J. Hafner, 2016: Analysis of flight MH370 potential debris trajectories using ocean observations and numerical model -results. <i>Journal of Operational Oceanography</i> , 9(2):126-138 (doi:10.1080/1755876X.2016.1248149).
2016	Silver Medal	Department of Commerce	Molly O. Baringer Dalynne Julmiste Stephen Meador	For being members of a Department of Commerce team that successfully developed and awarded five extremely complex, long-term, and alternatively-financed energy contracts valued at \$138 million.
2016	Administrator's Award	National Oceanic and Atmospheric Administration	Francis Bringas Caridad I. Gonzalez (CIMAS) Gustavo J. Goni Pedro L. Pena Ulises F. Rivero	For developing and implementing an Iridium-based, real-time transmission system for oceanographic and meteorological observations from ships.
2016	Energy and Environmental Stewardship Award (Lean, Clean, and Green category)	Department of Commerce	Molly O. Baringer Dalynne Julmiste Stephen S. Meador	For successfully developing and awarding over \$138M in alternative-financed energy savings performance contracts, yielding over \$5M annually in cost savings.
2016	Bronze Medal	Department of Commerce	Francis Bringas Gustavo J. Goni George R. Halliwell	For contributions on the rapid and successful implementation of an array of underwater gliders geared towards Caribbean Sea and tropical Atlantic Ocean hurricane research and forecasts.
2015	Silver Medal	Department of Commerce	Joseph J. Cione Erica M. Rule	For successfully executing the first-ever launch of an Unmanned Aircraft System from a manned aircraft into a major hurricane, Hurricane Edouard.

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2014	Gold Medal	Department of Commerce	Sundararaman Gopalakrishnan Frank D. Marks Thiago S. Quirino (members of a National Weather Service group)	For developing and implementing a high-resolution Hurricane Weather Research and Forecast (HWRF) system model, a major advance in operational hurricane intensity prediction.
2014	Employee of the Year Award	NOAA-Office of Oceanic and Atmospheric Research	Claude F. (Rick) Lumpkin Mayra C. Pazos	For efforts to improve the quality of drifter data by developing a new methodology that evaluates when drifters have lost their drogues.
2014	Special Award	American Meteorological Society	Jason P. Dunion (CIMAS) (Group award for the University of Wisconsin's Tropical Cyclones Group of the Cooperative Institute for Meteorological Satellite Studies)	For providing the weather community with valuable tropical cyclone-related satellite information and derived products for over two decades.
2014	Scientific Employee of the Year (group)	South Florida Federal Executive Board	Robert A. Black Lisa R. Bucci (CIMAS) Hua Chen (NRC) Stanley B. Goldenberg Sundararaman Gopalakrishnan Frank D. Marks Thiago S. Quirino Xuejin Zhang (CIMAS)	For contributions toward the development of the advanced, high-resolution Hurricane Weather Research and Forecasting (HWRF) model used operationally to provide forecast guidance to the National Hurricane Center.

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2014	Banner Miller Award	American Meteorological Society	John F. Gamache Frank D. Marks	For valuable insights into incorporating real-time airborne Doppler radar measurements via ensemble data assimilation, leading to improvements in forecasts of tropical cyclone track and intensity. Zhang, F., Y. Weng, J.F. Gamache, and F.D. Marks, 2011: Performance of convection-permitting hurricane initialization and prediction during 2008-2010 with ensemble data assimilation of inner-core airborne Doppler radar observations. <i>Geophysical Research Letters</i> , 38:L15810, doi:10.1029/2011GL048469.
2013	Scientific and Technological Achievement Award	U.S. Environmental Protection Agency	Kelly D. Goodwin Christopher D. Sinigalliano	For contributions in supporting the implementation of the EPA's Method 1611 for rapid recreational water testing.
2012	Federal Employee of the Year	National Oceanic and Atmospheric Administration	Robert A. Black Lisa R. Bucci (CIMAS) Stanley B. Goldenberg Sundararaman Gopalakrishnan Frank D. Marks Thiago S. Quirino Xuejin Zhang (CIMAS)	For innovative work on the NCEP/EMC hurricane forecast model, leading to greatly improved hurricane track and intensity forecasts.
2012	Technology Transfer Award	National Oceanic and Atmospheric Administration	Kelly D. Goodwin Christopher D. Sinigalliano	For exceptional leadership in developing and transferring microbial source tracking tools to identify coastal water contamination sources, enabling city and county managers to devise mitigation strategies to restore water quality, decrease risks to human health, and preserve coastal economies.

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2012	Technology Assistance Award	South Florida Federal Executive Board	Alejandra Lorenzo Russell St. Fleur (CIMAS)	For efforts to aid the South Florida Federal Executive Board in updating its website.
2012	Administrator's Award	National Oceanic and Atmospheric Administration	Peter P. Dodge John F. Gamache Frank D. Marks	For outstanding management of the G-IV tail Doppler radar project, enhancing NOAA's weather forecasting and research capability.
2011	Group Achievement Award	National Aeronautics and Space Administration	Sim D. Aberson Altug Aksoy (CIMAS) Robert M. Atlas Michael L. Black Neal M. Dorst Jason P. Dunion (CIMAS) John Kaplan Frank D. Marks Shirley T. Murillo Robert F. Rogers Kathryn J. Sellwood (CIMAS) Eric W. Uhlhorn Paul T. Willis (CIMAS)	For outstanding contributions to the Genesis and Rapid Intensification Processes (GRIP) field campaign as members of the GRIP Science Team during the 2010 Atlantic hurricane season.
2010	Outstanding Scientific Paper Award	NOAA/Office of Oceanic and Atmospheric Research	Peter G. Black Robert W. Burpee Frank D. Marks Michael T. Montgomery	Marks, F.D., P.G. Black, M.T. Montgomery, and R.W. Burpee, 2008: Structure of the eye and eyewall of Hurricane Hugo (1989). <i>Monthly Weather Review</i> , 136(4):1237-1259.
2010	Group Achievement Award	National Aeronautics and Space Administration	Robert M. Atlas Jason P. Dunion (CIMAS)	For outstanding contributions in improving weather forecasting using data from the Atmospheric Infrared Sounder (AIRS) and for production of its key climate data products.
2010	Special Award	American Meteorological Society	Eric W. Uhlhorn Peter G. Black (retired)	For sustaining over 30 years an exceptional, interdisciplinary project resulting in continuous operational monitoring of hurricane surface winds, improved hurricane intensity advisories, and saving countless lives.