

## AOML Group Awards and Honors—2003-2013

Year	Award/Honor	Awarding Organization	Recipient(s)	Award/Honor Justification
2012	Research Employee of the Year Award (Group category)	National Oceanic and Atmospheric Administration	Robert A. Black Stanley B. Goldenberg Frank D Marks Thiago S. Quirino Lisa R. Bucci (CIMAS) 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 and allowing city and county managers to devise mitigation strategies to restore water quality, decrease risks to human health, and preserve coastal economies.
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.

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2010	Outstanding Scientific Paper Award	NOAA/Office of Oceanic and Atmospheric Research	Frank D. Marks Peter G. Black Michael T. Montgomery Robert W. Burpee	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.
2008	Bronze Medal	U.S. Department of Commerce	Eric W. Uhlhorn Peter G. Black (retired)	For operational transition of stepped frequency microwave radiometer (SFMR) data, providing accurate, extensive measurements of hurricane surface winds in real time.
2008	Banner I. Miller Award	American Meteorological Society	Eric W. Uhlhorn Peter G. Black	For the use of GPS dropwindsondes to calibrate the stepped-frequency microwave radiometer (SFMR) in moderate to high wind regimes. This work has benefited the operational community in its mission to accurately monitor the maximum sustained winds and wind fields in hurricanes.  Uhlhorn, E.W., P.G. Black, J.L. Franklin, M. Goodberlet, J. Carswell, and A.S. Goldstein, 2007: Hurricane surface wind measurements from an operational stepped-frequency microwave radiometer. <i>Monthly Weather Review</i> , 135(9):3070-3085.

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2007	Patriotic Civilian Service Award	U.S. Army Corps of Engineers	Bachir Annane (CIMAS) Peter G. Black Peter P. Dodge John F. Gamache Shirley T. Murillo Mark D. Powell Eric W. Uhlhorn Krystal M. Valde (CIMAS)	In recognition of your participation on the Hurricane Katrina Interagency Performance Evaluation Task Force.
2007	Bronze Medal	U.S. Department of Commerce	Western Boundary Time Series-Meridional Overturning Circulation Team  (included a large cadre of scientists and technicians with AOML's Physical Oceanography Division)	For long-term research, design, and support of an observing system for the Florida Current and the Meridional Overturning Circulation.
2007	Bronze Medal	U.S. Department of Commerce	Peter G. Black Peter P. Dodge John F. Gamache Shirley T. Murillo Mark D. Powell Eric W. Uhlhorn	For employing a unique technology to diagnose Hurricane Katrina's winds, a technology needed for surge, wave, intensity, and ecosystem modeling efforts.
2007	Group Achievement Award	National Aeronautics and Space Administration	Robert M. Atlas  (as a member of the AIRS [Atmospheric Infrared Sounder] Science Team)	For development and verification of the AIRS Level 2 Product Generation Algorithm which accurately produces daily global profiles of temperature, water vapor, and trace gases.
2006	Gold Medal	U.S. Department of Commerce	Robert D. Castle Betty E. Huss Esa P. Peltola Tsung-Hung Peng Richard H. Wanninkhof Kevin F. Sullivan (CIMAS)  (along with PMEL's Ocean Carbon Group)	For 15 years of painstaking research and observations that have shown the oceans are becoming more acidic as a result of the uptake and storage of anthropogenic carbon dioxide.

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2006	Silver Medal	U.S. Department of Commerce	Shailer R. Cummings Christopher R. Kelble (CIMAS)  (along with others from NOAA's Office of Marine Affairs and the National Marine Fisheries Service)	For conducting field operations immediately following Hurricane Katrina's Gulf of Mexico passage that were vital for ensuring seafood was safe for public consumption, saving millions in potential fishery losses.
2006	Bronze Medal	U.S. Department of Commerce	Hurricane Research Division	For innovation and commitment to the NOAA Hurricane Mission during Katrina's Louisiana landfall while recovering from the south Florida landfall.
2006	Administrator's Award	National Oceanic and Atmospheric Administration	Peter P. Dodge John F. Gamache Joseph S. Griffin Nancy F. Griffin Paul A. Leighton	For developing the algorithms and related software to enable real-time analysis and transmission of wind fields and airborne Doppler radar collected in hurricanes to improve the initialization of the new generation of hurricane forecast models.
2005	Bronze Medal	U.S. Department of Commerce	Judith Gray  (along with members of a NOAA-wide group)	For leadership in establishing the Coastal Storms Program and successfully completing the program's first pilot in Florida.
2005	Bronze Medal	U.S. Department of Commerce	Hector L. Casanova  (along with members from the National Ocean Service)	For forging an historic, long-term partnership with Mexico to increase the safe marine transportation of goods and services, including key energy shipments, in shared boundary waters.

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2005	Bronze Medal	U.S. Department of Commerce	Joseph R. Bishop Hector L. Casanova Jules F. Craynock James C. Hendee Jeffrey R. Judas John R. Proni Emilce Rodriguez Michael M. Shoemaker S. Jack Stamates Scott S. Stolz Jeffrey Absten (CIMAS) Louis Florit (CIMAS) Michael L. Jankulak (CIMAS) Erik R. Stabenau (NRC)  (along with John Halas of NOAA's Florida Keys National Marine Sanctuary)	For implementing a unique oceanographic and meteorological monitoring network in coral reef areas under goals established by the U.S. Coral Reef Task Force and NOAA.
2005	Administrator's Award	National Oceanic and Atmospheric Administration	Christopher W. Landsea Frank D. Marks  (along with other scientists from OAR and NWS)	For establishing and administering the Joint Hurricane Testbed, NOAA's first U.S. Weather Research Program testbed, accelerating research into operations and greatly improving forecasts.
2004	Bronze Medal	U.S. Department of Commerce	Neal M. Dorst Jason P. Dunion (CIMAS)  (along with others from NOAA's Aircraft Operations Center)	For conducting hurricane surveillance missions during September 2003 Hurricane Isabel that improved forecast data for the east coast of the United States.
2004	Administrator's Award	National Oceanic and Atmospheric Administration	Claudia Schmid Yeun-Ho Daneshzadeh Reyna Sabina Elizabeth Forteza (CIMAS) Xiangdong Xia (CIMAS)	For pioneering the development of a system to deliver quality-controlled, global ocean data in real time to the international operational and research oceanographic communities.

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2004	Banner I. Miller Award	American Meteorological Society	Michael L. Black James L. Franklin (NHC) Krystal M. Valde (CIMAS)	For development of a new observation strategy employing GPS dropwindsondes, which has led to improved real-time hurricane wind analyses, enhanced preparedness and mitigation, and increased general knowledge of hurricane structure.  Franklin, J.L., M.L. Black, and K. Valde, 2003: GPS dropwindsonde wind profiles in hurricanes and their operational implications. <i>Weather and Forecasting</i> , 18(1):32-44.
2003	Gold Medal	U.S. Department of Commerce	Michael L. Black James L. Franklin (NHC) Krystal M. Valde (CIMAS)	For pioneering and innovative research using Global Positioning System dropsonde data to study the wind structure in the eyewall region of tropical cyclones.
2003	Bronze Medal	U.S. Department of Commerce	Howard A. Friedman (along with members of a NOAA-wide facilitators group)	For contributions that enabled NOAA to successfully facilitate close to 1,000 work group meetings as part of its second Survey Feedback Action (SFA) process.
2003	Outstanding Scientific Paper Award	NOAA/Office of Oceanic and Atmospheric Research	Stanley B. Goldenberg Christopher W. Landsea Alberto M. Mestas-Nuñez (CIMAS)	Goldenberg, S.B., C.W. Landsea, A.M. Mestas-Nuñez, and W.M. Gray, 2001: The recent increase in Atlantic hurricane activity: Causes and implications. <i>Science</i> , 293(5529):474-479.
2003	Excellence in Partnering Award	National Oceanographic Partnership Program (NOPP)	AOML	For AOML's role as a partner in the NOPP-funded Argo project.
2003	2003 Federal Energy and Water Management Award	Department of Energy	Joseph A. Pica Judith Gray Gregory T. Banes	For infrastructure improvements that have reduced overall energy costs by nearly 40% at AOML.
2003	Federal Energy Saver Showcase Facility Award	Federal Energy Management Program	AOML	For energy efficiency and utilizing renewable energy techniques.