

NOAA Administrator's Awards

and

Technology Transfer Awards

NOAA Auditorium
Silver Spring, Maryland

December 3, 2013

Program

Introduction

Patricia A. Montanio
Assistant Administrator
Office of Program Planning and Integration

National Anthem

Richard Love
Office of the Under Secretary for the Chief of Staff

Address

Kathryn D. Sullivan, Ph.D.
Acting Under Secretary of Commerce for Oceans and Atmosphere
Acting Administrator, NOAA

Presentation of Awards

Dr. Sullivan
NOAA Leadership Competencies Development Program Participants
Derek Parks, *Technology Transfer Program Manager*
Line and Staff Office Representatives

Closing

Ms. Montanio

NOAA Administrator's Awards

The NOAA Administrator's Award recognizes employees who have demonstrated exceptional leadership, skill, and ingenuity in their significant, unique, and original contributions that bring unusual credit to NOAA, the Department of Commerce, and the Federal government. Typically, the Administrator's Award is a monetary award, but budget sequester policy does not allow monetary award payouts and limits travel to the awards event.

National Environmental Satellite, Data, and Information Service

Cheng-Zhi Zou

For developing a science quality long-term dataset of upper atmospheric temperatures from NOAA's microwave and infrared satellite measurements.

National Marine Fisheries Service

Tammy C. Adams

For exceptional leadership and program management to strengthen National Environmental Policy Act compliance within NOAA and advance environmental stewardship.

Jennifer Lee

For a biological opinion to creatively regulate and monitor the entire Southeast shrimp trawl industry on compliant use of turtle excluder devices.

William Stevens

Patrick Rutten

For persistent efforts to prevent a fish kill of Endangered Species Act threatened central California coast steelhead in the Pescadero Lagoon for the first time in 10 years.

Robert C. Anderson

Jeffrey Lockwood

Laurie Beale, OGC

Julann Spromberg

David Baldwin

For a landmark biological opinion used by EPA to disapprove concentration levels of toxic pollutants in Oregon waters that harm the recovery of endangered species.

National Ocean Service

Robert Wood

For scientific achievement in identifying the role of multi-decadal climate patterns on striped bass harvests and its fishery management implications.

Kevin Kirsch

Benjamin Shorr

For developing the Data Integration Visualization Exploration Reporting tool to rapidly access and map large, diverse data sets for Natural Resource Damage Assessments.

Kimberly A. Puglise

Felix A. Martinez

Michael J. Dowgiallo

For leading foundational research and consensus building which established the new scientific field of deep light-dependent coral ecosystems.

George Galasso

Liam Antrim

Nancy Wright

Lisa Symons

Nir Barnea

David Lott

Keeley Belva, OCEA

Nancy Wallace

Anthony Buch, OAG

Henry E. (Ted) Buehner, NWS

Andrew Haner, NWS

For outstanding interagency collaboration to reduce the impact of the 2011 Japan tsunami marine debris on Olympic Coast National Marine Sanctuary.

Nir Barnea

Keeley Belva, OCEA

Mike Jarvis, OLA

Amoreena MacFadyen

Jason Rolfe

Nancy Wallace

Glen Watabayashi

Alison Hammer Weingast

Lauren Wenzel

Ruth Yender

For exemplary service in predicting transport, addressing impacts, and removing marine debris related to the 2011 Japan tsunami event.

Cheryl Oliver

Rosemarie McKeeby

Jonathan Gordon

Michael J. Shelby

Paul Taylor

John Oakley, NMFS

William Zahner, NMFS

Laura Gutierrez, NMFS

Mary Ann Kutny, OAR

David L. Hall, OMAO

Kathleen Garrett, NWS

Nana Dayo-Otekunrin, OCAO

Leslie M. Adams, OCEA

Keeley Belva, OCEA

For developing and implementing the innovative 2013 NOAA Open House, which attracted more than 1,100 visitors to the NOAA Silver Spring campus.

National Weather Service

Jay P. Breidenbach

For leadership and key outreach contributions in the implementation of a critical interagency flood inundation hazard mapping service.

Jesus A. Haro

For innovation and leadership in responding to challenges associated with National Weather Service mission-delivery along the U.S.-Mexico border.

Wendy Levine

For enhancing NWS/NOAA visibility by streamlining approval for using trademarked emblems to identify NWS/NOAA products and/or web links.

Michael Eckert

Brandon Smith

For swift implementation of proactive impact decision support services to air traffic managers at the FAA's Air Traffic Control System Command Center.

James R. Ott

Charles H. Hays

Douglas A. Reno

Thomas J. Amis

For improving the safety and efficiency of air traffic management by developing innovative, decision-ready services.

Corey Pieper

Eric Holweg

Michael Buchanan

Randall Weatherly

Tim Brice

Mark Mitchell

For research, development, and implementation of the new, redesigned smartphone-optimized mobile.weather.gov site for the National Weather Service.

John Gagan

Jeffrey Craven

Charles Greif

Andrew Just

Jerry Wiedenfeld

Peter Browning

Joanna Green

For exceptional work in implementing a new, efficient, collaborated and accurate medium range forecast methodology at weather forecast offices.

Matt Davis

Eric Lenning

Brian Walawender

Bryan Schuknecht

Chad Kahler

Andrew Peterson

Jonathan Wolfe

Craig Schmidt

Darone Jones, OCIO

For the development, implementation, and maintenance of the Iris database, and associated tools and functions.

Office of Oceanic and Atmospheric Research

Shian-Jiann Lin

For dramatic improvements in atmospheric models leading to major scientific advances, especially in the simulation of tropical storm activity.

David Herring

Frank Niepold

James G. Boyd III, NOS

Mike Halpert, NWS

Neal Lott, NESDIS

For creative and innovative contributions toward development of NOAA's Climate.gov to provide science and information for a climate-smart nation.

Office of International Affairs

Shannon G. Dionne

For leadership, initiative and commitment to promoting environmental stewardship internationally for marine migratory species.

Technology Transfer Awards

The NOAA Technology Transfer Award recognizes NOAA scientific, engineering, and technical employees for achievements that are developed further as commercial applications, or that advance the transfer of NOAA science and technology to U.S. businesses, academia, other government and non-government entities. Typically, the Technology Transfer Award is a monetary award, but budget sequester policy does not allow monetary award payouts and limits travel to the awards event.

National Environmental Satellite, Data, and Information Service

Steven Ansari

Stephen Del Greco

For developing the Weather and Climate Toolkit to allow complex weather and climate data to be useful for a wide range of users in the public and private sectors.

National Weather Service

Mark M. Ziemer

Mike DeWeese

Andrea Holz

Jonathon Thornburg

Dan Luna

For the successful development of the first real-time dynamic inundation mapping and transferring its operation to private sector partners.

Office of Oceanic and Atmospheric Research

David Paul Jorgensen

For leading the development of an on-demand, near real-time, web-based tool for tracking severe weather and hail swaths across the continental U.S.

NOAA Patent Holders

In FY 2013, one U.S. patent was granted for developing new technologies within NOAA that will be further developed by private industry, spreading NOAA's creativity and solutions to a broader audience. Such efforts are mandated by the October 28, 2011, Presidential Memorandum: Accelerating Technology Transfer and Commercialization of Federal Research in Support of High-Growth Businesses, as well as several other major pieces of technology transfer legislation.

Office of Oceanic and Atmospheric Research

John Edward Barnes
Earth Systems Research Laboratory

Imaging Polar Nephelometer
(U.S. Patent No. 8,531,516, issued
September 10, 2013)

The invention measures light scattered from particulates (aerosols) in a gas or liquid, allowing researchers to measure the intensity of the scattered light at many different angles, which determines both the amount of particulates in the sample, and detailed information about the particles such as average size, shape and composition. The measurement is highly useful to climate and air pollution research, as well as to clean room monitoring.

Employees/Team Members of the Month

May

Mike Brewer, NESDIS
Xuejin Zhang, OAR

June

Dave Wesley, NOS
Christopher Braman, OCAO

July

S. Todd Lee, NMFS
Stuart Williams, OMAO

August

Andrew Stefanick, OAR
William Thompson, NWS

September

Keith Fowler, OAGO
Lindsay Bodden, NESDIS

October

Mark Rogers, OMAO
Gwen Shaughnessy, NOS

November

Charles Guard, NWS
All Team Members, NMFS

We appreciate the work of the many individuals across NOAA who contributed so much to the success of today's program.

Special thanks to:

NOAA Workforce Management Office

Karen Robin

NOAA Communications

Jerry Slaff

Incentive Awards Program Line and Staff Office Representatives

Christina Heyse, NESDIS

Cheryl Alexander, NMFS

Sloane Strother, NOS

Delores Frazier, NWS

Marie Toussaint, OAG

Yolanda Cooper, OAR

Lydia Kenlaw, OCAO

Andrew Venaglia & Tishema Miller, OCIO

Kathy Lewis, ODUS

Octavia Saine, OGC

Nancy Jackson, OMAO

Cynthia Burley, WFMO