



SIXTY-FIFTH ANNUAL

Honor

Swords

PROGRAM

Ronald Reagan
Amphitheater

January 29, 2014

65th Annual
Honor
Awards
PROGRAM

Ronald Reagan Amphitheater | 1300 Pennsylvania Ave | Washington, DC

January 29, 2014

Introduction

Honorable Patrick D. Gallagher

NIST Director Performing the Duties of the Deputy Secretary

Presentation of Colors

Armed Forces Color Guard

National Anthem

U.S. Marine Band

Address

Honorable Penny Pritzker

Secretary of Commerce

Announcement of Awards

Honorable Ellen Herbst

Chief Financial Officer and Assistant Secretary for Administration

Presentation of Gold and Silver Medals

Secretary Pritzker assisted by Department Officials

Closing Remarks

Honorable Patrick D. Gallagher

NIST Director Performing the Duties of the Deputy Secretary

MESSAGE FROM THE SECRETARY



Dear Commerce Team,

For more than 100 years, the Department of Commerce has helped businesses become more innovative at home and competitive abroad.

Today we are promoting an “Open for Business” agenda that will increase exports, drive innovation, support the data businesses need, strengthen the environment, and foster organizational excellence.

The employees recognized today have gone the extra mile to meet these goals through a vast array of activities. They have-

- advanced export control reform, a national security initiative that will strengthen relations with our allies and ease licensing burdens for U.S. exporters;
- saved lives during Hurricane Sandy and delivered critical information in the wake of the storm;
- created a program to assist small businesses and independent investors in obtaining patent protection;
- refined data for policymakers;
- done cutting-edge research that can lead to innovative new products;
- responded heroically in times of emergency;
- and much more.

Overall, our honorees have contributed to the well-being of American businesses, workers, and families.

As President Obama said, public service matters. It touches our lives in important ways each day, making our country a better place.

It is my great privilege to recognize and applaud our 2013 Honors Awards recipients.



Penny Pritzker



Gold Medal

This award, the highest honorary award given by the Department, is granted by the Secretary for distinguished performance characterized by extraordinary, notable, or prestigious contributions that impact the mission of the Department and/or one operating unit and that reflect favorably on the Department.



Silver Medal

This award, the second highest honorary award given by the Department, is granted by the Secretary for exceptional performance characterized by noteworthy or superlative contributions that have a direct and lasting impact within the Department.

To warrant a Gold or Silver Medal, a contribution must focus on qualitative and quantitative performance measures reflected in the Department's Strategic Plan and be identified in one of the following areas:

leadership

personal and professional excellence

scientific/engineering achievement

organizational development

customer service

administrative/technical support

heroism

BUREAU OF INDUSTRY AND SECURITY



GOLD MEDAL LEADERSHIP

George Cahlik
Scott Anderson
Reginald McClish III

Export Enforcement

Robert Monjay
Robert Hudson
Karen Nies-Vogel
Timothy Mooney

Export Administration

Peter Klason

Office of General Counsel

Bureau of Industry and Security

This group is recognized for their efforts to protect U.S. national security by disrupting a Russian military procurement network through the indictment and arrest of eleven persons in the United States and the addition of 164 persons in twelve countries to a proscribed list. Members of the network are charged with procuring and facilitating the shipment of over \$50 million in U.S.-origin high technology items to Russian military and intelligence end-users in violation of U.S. export control law.

PERSONAL AND PROFESSIONAL EXCELLENCE

Dwayne Hayward
Scot Gonzales

Export Enforcement

Gregory Michelsen

Office of General Counsel

Bureau of Industry and Security

The group is recognized for exhibiting extraordinary professionalism, teamwork, leadership, creativity, and dedication to duty, in the development, and implementation of a new groundbreaking investigative program and tactics to disrupt the supply of materials to illicit weapons of mass destruction programs. This achievement exhibited the professional excellence and leadership of the numerous geographically dispersed elements of the Department, the Bureau of Industry and Security, and the Office of Export Enforcement.

BUREAU OF INDUSTRY AND SECURITY

John Haberstock

Export Enforcement

R. Elizabeth Abraham

Office of General Counsel

Bureau of Industry and Security

The group is recognized for excellence in the investigation and prosecution of Sunrise Technologies and Trading Company and Jeng Shih. Through analysis of export records, the team identified Sunrise Technologies and Trading Company as a likely Iranian procurement front. An extensive investigation, which included an undercover law enforcement operation, gathered critical evidence for a prosecution that obtained two criminal convictions, an 18 month prison sentence, a corporate probation sentence of 24 months, 2 export denial orders, and a combined \$1.25 million forfeiture fine.

ORGANIZATIONAL DEVELOPMENT

Robert Luzzi

Norma Curtis

Jonathan Carson

John Sonderman

Export Enforcement

Bureau of Industry and Security

The group is honored for creating a new and innovative Export Enforcement Coordination Center (E2C2) to ensure that all export enforcement activities across the U.S. Government are carried out in a coordinated and effective manner. The E2C2 is a key part of the President's Export Control Reform initiative and promotes a whole-of-government approach to enforcement that ensures interagency coordination, promotes multiagency collaboration and strengthens the link between law enforcement, the intelligence community, and export licensing entities.

BUREAU OF INDUSTRY AND SECURITY



SILVER MEDAL

PERSONAL AND
PROFESSIONAL
EXCELLENCE

Chantal Lakatos de Alacantara
Steven Clagett

Export Administration

Bureau of Industry and Security

The group is recognized for implementing the President's directive to negotiate a legally binding Arms Trade Treaty in the United Nations that governs the global trade in conventional arms. The group worked extensively with Department of State and Defense officials in direct negotiations at the United Nations to achieve consensus on a treaty that would not constrict legitimate trade in arms, constrain U.S. industry, or negatively impact a key Presidential initiative to reform the U.S. export control system.

Sheila Quarterman

Joseph Young

Mark Jaso

Brian Baker

Michael Rithmire

Export Administration

Thea Kindler

Adrienne Frazier

Eric Clark

Office of General Counsel

Bureau of Industry and Security

The group is recognized for implementing the President's directive to fundamentally reform the Cold War-era U.S. export control system. The group worked extensively with technical experts at the Departments of Defense and State to revise the U.S. Munitions List and the Commerce Control List to facilitate the export of less sensitive military items to U.S. allies. These exports will enhance national security by improving interoperability with U.S. allies and strengthening the U.S. defense industrial base.

ECONOMICS AND STATISTICS ADMINISTRATION



GOLD MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

Paul Friday
Mitali Sen
Glenn S. Ferri
Gregory Martin
Thomas Ondra
Mark Muenchrath
William Peil
Maria Darr
Megan Ruhnke
Elisabeth Busse

U.S. Census Bureau

*Economics and Statistics
Administration*

This group is recognized for its leadership and innovation in providing technical assistance and training to build the capacity of the Bangladesh Bureau of Statistics to successfully carry out their 2011 Census. The group introduced Census Bureau tools for data processing: iCADE for data capture and CSPro for data editing and tabulation. Final results were released within 16 months of enumeration. This extraordinary result is the shortest time of any census ever conducted in Bangladesh, which is the 8th largest country in the world with a population of over 150 million people.

Natasha Robinson Coates
Morgan Hallmon

Office of General Counsel

J. David Brown
Ron S. Jarmin
Nancy Potok
Maryann M. Chapin
Christa D. Jones
Amy B. O'Hara

U.S. Census Bureau

*Economics and Statistics
Administration*

This group is recognized for the development of statistical methodology and the successful negotiation of an interagency agreement providing for the imputation of certain Treasury income tax return data to assist the U.S. Census Bureau in its research and planning of the 2020 Decennial Census. The agreement caps a three-year effort to persuade Treasury of the technical rationale and legal merits of imputation. The sharing of data will enable updating of Census files, and lessen duplication of records.

ECONOMICS AND STATISTICS ADMINISTRATION



GOLD MEDAL

SCIENTIFIC/ ENGINEERING ACHIEVEMENT

Dennis Fixler
Benjamin Bridgeman
Clinton P. McCully
Shaunda Villones
Matthew Osborne
Kevin Furlong

Bureau of Economic Analysis

David S. Johnson

U.S. Census Bureau

*Economics and Statistics
Administration*

The team is recognized for developing compelling new data that provides a comprehensive and nuanced insight into the economic dynamics of the American household sector, detailing the value and trends in household production and new measures describing the distribution of cash and non-cash income and spending across households. This new data will prove invaluable for understanding the impact of the business cycle on households and the impact of monetary and fiscal policies on consumption and spending at this critical juncture for the economy for both policymakers and business decision-makers.



GOLD MEDAL

CUSTOMER SERVICE

Xijian Liu
Christopher Green
Alexandra Figueroa
Jennifer Thompson
Adeline Tran
Alexander Permison
Gregory Henle
Steven Buckner
Stephen Jost
Virginia M. Hyer

U.S. Census Bureau

*Economics and Statistics
Administration*

The group is recognized for creating the "America's Economy" mobile application, which provides smartphone and tablet users with real-time government statistics that drive business hiring, sales and production decisions and assist economists, researchers, planners and policymakers. The economic indicators track monthly and quarterly trends in industries, such as employment, housing construction, international trade, personal income, retail sales and manufacturing. With this app, users have instant access to key economic indicators from several statistical agencies.

ECONOMICS AND STATISTICS ADMINISTRATION



GOLD MEDAL

ADMINISTRATIVE/
TECHNICAL
SUPPORT

Patricia Musselman
Christopher Fudge
Dennis Drinkard Jr.
Dana Frink
Nedim Goren
Andrew Edger
Keith Phill
Roy D. Ashley Jr.
Michael Bednar
Donald Badrak II

U.S. Census Bureau

*Economics and Statistics
Administration*

The group is recognized for the design, development and implementation of a cutting-edge Virtual Desktop Infrastructure (VDI). The VDI solution addresses a number of goals and objectives, including focus on user experience, high availability, fast desktop and application performance, flexibility (any device, anywhere) and security. The VDI now supports the Work-at-Home workforce from the Field Realignment and a greatly expanded teleworkforce across the Census Bureau. The VDI sets the foundation for further savings and/or cost avoidance leading up to the 2020 Census and beyond.

Scott Williams
Ilene M. Tayman
Kenneth R. Harrison
Jae Min Pak
Charlene Smith
Theresa M. Toole
Steven Joseph
Elhadi Tambal
Jason Smawley

U.S. Census Bureau

Clinton Creighton

*Economic Development
Administration*

*Economics and Statistics
Administration*

The group is recognized for the restoration of the Economic Development Administration's (EDA) IT Services. On January 24, 2012, EDA experienced a cyber-security attack which compromised the entirety of its IT resources, rendering it unable to access any of the IT resources required to fulfill its mission. EDA personnel were in need of a temporary solution to restore services immediately, while a permanent solution was being developed. The team brought EDA back online, providing IT resources and services the agency needed to deliver critical economic data to the country.

ECONOMICS AND STATISTICS ADMINISTRATION



SILVER MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

Lisa Wolfisch
Rebecca Blash
William Hazard
William Rankin
Darrin Stolba
Byron Crenshaw
Romir Campbell

U.S. Census Bureau

*Economics and Statistics
Administration*

The group is recognized for designing, developing, and implementing the Census Bureau's first public API. This service allows developers to design Web and mobile apps to explore data and learn more about America's changing population and economy. The API opens up agency statistics beyond traditional uses by giving developers in research, business and government the means to customize Census Bureau statistics into a data visualization app that their customers need. It helps liberate the statistics beyond the bounds of printed reports and tables.



SILVER MEDAL

SCIENTIFIC/ ENGINEERING ACHIEVEMENT

Marshall Reinsdorf
Dylan Rassier
Pamela Kelly
Benyam Tsehaye
Benjamin Mandel
Kurt Kunze
Elizabeth Terroni
David Sullivan
David Lenze

Bureau of Economic Analysis

*Economics and Statistics
Administration*

This group is recognized for developing an innovative new accrual measure of defined-benefit pension flows. The pioneering approach identified data sources and developed new methodologies and systems to measure pension contributions and investment income at all levels. These accrual measures will replace existing cash-based measures and result in a far more accurate depiction of household compensation, property income, and saving in a dynamic, constantly evolving economy and give businesses, policy-makers, and researchers more accurate measures of GDP, personal income, and saving.

ECONOMICS AND STATISTICS ADMINISTRATION

Patricia E. Abaroa
Elena L. Nguyen
Douglas B. Weinberg
Christopher A. Gohrband

Bureau of Economic Analysis

*Economics and Statistics
Administration*

The group is recognized for improving the timeliness and frequency of statistics on the U.S. International Investment position to meet new international standards. The group produced new quarterly statistics that allow policymakers and other customers to monitor more closely the vulnerability of the U.S. to external financial shocks, to track more effectively U.S. net liabilities to foreign countries, and to more easily compare investment position statistics of the U.S. with other countries including Australia, Canada, Germany, Japan, and the UK.



SILVER MEDAL

CUSTOMER SERVICE

Carol Caldwell
Marilyn Balogh
Anthony Caruso
James Hunt
Richard Moore
Beth Schlein
Philip Steel
Lee Wentela
Laura Zayatz

U.S. Census Bureau

*Economics and Statistics
Administration*

The group is recognized for successfully developing, testing and implementing a methodology to create the first public use microdata sample (PUMS) of business owners, based on the 2007 Survey of Business Owners. The PUMS protects the confidentiality of survey respondents while providing researchers, decision makers and the general public with a rich and extensive new public data source to examine entrepreneurship (e.g., access to capital, firm size) in the United States by region, industry and export status and across minority, gender and veteran ownership groups.

ECONOMICS AND STATISTICS ADMINISTRATION



SILVER MEDAL

CUSTOMER SERVICE

Mauricio Ortiz

John Rusinko

James Zavrel

Lisa Ninomiya

James Stehle

Peter Battikha

Carrie Litkowski

Michael Paris

Callan Swenson

Michael Berry

Bureau of Economic Analysis

*Economics and Statistics
Administration*

The group is recognized for accelerating the public release of annual Local Area Personal Income statistics by five months on a permanent basis. This work required superior technical skill to develop a strategy, adjust methods, overcome difficulties with key source data, test, analyze results, and eventually hone a permanent process for publishing the statistics. The results provide local governments and private businesses more timely and relevant statistics to guide their decisions on planning, investing and hiring.

INTERNATIONAL TRADE ADMINISTRATION



GOLD MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Carmela Mammias

International Trade Administration

Ms. Mammias is honored for sustaining the mission of export promotion in the wake of Hurricane Sandy that caused unprecedented damage in New York and New Jersey. New York USEAC Director Carmela Mammias overcame hardships rarely placed on directors. Ms. Mammias first ensured all colleagues were safe. She climbed 22 stories to reach the office and dealt with a six hour commute to secure the USEAC and retrieve critical equipment from the crippled office tower. With immediate needs met, Carmela turned to obtaining staff workspace at the New York SBA District Office. She completed her odyssey with the permanent relocation of New York USEAC to the Federal Building in Manhattan.

Awinash Bawle

Jed Diamond

Margaret Hanson-Muse

Bruce Harsh

David Long

John Miller

Judy Reinke

Art Stern

Holly Vineyard

International Trade Administration

The group is honored for its efforts to modify India's regulations to allow majority foreign ownership of multi-brand retail distribution companies in India. By repeatedly engaging India at the working level and through a high-level dialogue across multiple industry sectors, the team successfully addressed this challenge and built support for change in India. The change will significantly increase U.S. companies' access to the rapidly growing \$500 billion Indian retail market and advance U.S. economic growth.



SILVER MEDAL LEADERSHIP

Carlos Montoulieu

Isabel Hill

Curt Cottle

Julie Heizer

Jennifer Pilat

Rochelle Lipsitz

Ron Erdmann

Richard Champley

Mark Brown

Jennifer Kirsch

International Trade Administration

The team is recognized for leading the development of the National Travel and Tourism Strategy under Executive Order 13597 and implementing the Strategy through detailed action plans developed by the Tourism Policy Council. The team demonstrated exceptional professionalism and effectiveness in coordinating the work of a

INTERNATIONAL TRADE ADMINISTRATION

Presidential Task Force of a dozen federal agencies with private sector input from 160 organizations in just a 90 day period to expand U.S. travel and tourism exports (by 10% in 2012) and further the objectives of the National Export Initiative.

Interagency Trade Enforcement Center
Programmatic/Support Team

International Trade Administration

The organization is recognized for being instrumental in standing up the Interagency Trade Enforcement Center established by Executive Order in February 2012 to enhance enforcement of U.S. trade rights and domestic trade laws around the world. They contributed their expertise to creating and developing the new Center that has already gained a positive reputation in the USG trade enforcement community, significantly bolstering the government's efforts to ensure a level playing field for U.S. business. Their accomplishments have advanced the Department's mission to create jobs and promote economic growth.



SILVER MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

Kabir Archuletta

International Trade Administration

Mr. Archuletta is recognized for his efforts in uncovering false information provided to the Department of Commerce by a respondent party in an antidumping duty ("AD") administrative review in an attempt to avoid payment of antidumping duties on Frozen Warmwater Shrimp from the People's Republic of China. Mr. Archuletta's efforts resulted in uncovering information that caused the potential duty liability to change from zero to a staggering \$46 million. He provided a superior succinct and cogent analysis for decision makers, all in a time constraint far more severe than usual cases.

INTERNATIONAL TRADE ADMINISTRATION

Renee Hancher

International Trade Administration

Ms. Hancher is honored for being the driver behind work in APEC to ensure momentum on the Presidential priorities of food safety and green building. She took on the tough job of ensuring that early work to address food safety issues turned into a sustained effort to tackle long term global priorities and that the promise of energy efficiency savings from the development of green building rules would be realized by fast growing Asian economies. It is Ms. Hancher's dogged determination to ensure that this would have lasting effects that sets her apart and deserves recognition at the highest level.

Jenny May

Dale Wright

Huiling Shi

Ru Wang

International Trade Administration

Gwenann Manseau

Office of the General Counsel

Ajit Jillavenkatesa

Gordon Gillerman

National Institute of Standards and Technology

International Trade Administration

The team is recognized for its tireless efforts and leadership in persuading China to open its testing and certification market to U.S. firms in furtherance of the Departmental

goal of promoting competitiveness for U.S. goods and services in an NEI priority market. The team demonstrated exemplary cross-unit and cross-bureau cooperation in working to bring U.S. goods and services into China; maximize U.S. competitiveness; enable economic growth for American industries, workers and consumers; and promote U.S. innovation and industrial competitiveness.

Justin Hoffmann

Rebecca Gudicello

Desi Jordanoff

Tsedale Assefa

Tipten Troidl

Christine Lucyk

Matthew Edwards

International Trade Administration

The group is honored for providing decisive support in achieving termination of the application of the Jackson-Vanik Amendment to Russia and establishing PNTR with Russia, enabling the United States to apply the World Trade Organization agreements to Russia. The lifting of Jackson-Vanik was a historic step in moving U.S.-Russia trade relations from an outdated, Cold War-era legal framework to a modern basis reflecting Russia's integration into the world economy. As a result, the U.S. industry now enjoys the full benefits of Russia's membership in the WTO.

INTERNATIONAL TRADE ADMINISTRATION

Solar Cells Antidumping and Countervailing Duty Investigation Teams

International Trade Administration

The organization is recognized for its exceptional contributions to the strong enforcement of the U.S. trade laws. In conducting the antidumping and countervailing duty investigations of solar cells from China, two of the largest and most complex cases ever handled by the Department, this organization demonstrated outstanding technical knowledge of the trade remedy laws and impressive investigatory skill conducting these proceedings with the dedication, professionalism, and teamwork needed to deliver sound decisions under intense scrutiny and strict statutory deadlines.

Miscellaneous Tariff Bills Team

International Trade Administration

The organization is recognized for successfully reviewing over 2,000 Miscellaneous Tariff Bills (MTBs), covering over 1,300 unique products, at the request of the 112th Congress. The organization's review of this largest-to-date MTB cycle took over 5 months and involved broad and intensive outreach with industry, Congressional staff, and Administrative agencies. The organization's final analysis was almost universally adopted by Congress in the construction of an Omnibus MTB.



SILVER MEDAL

ORGANIZATIONAL DEVELOPMENT

Tu-Trang Phan

International Trade Administration

Ms. Phan is honored for her extraordinary assistance to the Acting Deputy Under Secretary and to all of ITA in helping to lead and implement the fundamental redesign of ITA. Ms. Phan's unique capabilities and relationships positively shaped the consolidation. Her approach throughout was characterized by extraordinary commitment, the highest level of professional integrity, composure, knowledge sharing, compassion and a willingness to do whatever is necessary for the greater good of the organization. People come to her for advice; she is a sounding board for employees and managers alike.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY



GOLD MEDAL

LEADERSHIP

Brian Antonishek

Jeffrey Voas

Stephen Quirolgico

Athanasios Karygiannis

Information Technology Lab

Lisa Fronczek

Anthony Downs

Craig Schlenoff

Brian Weiss

Engineering Laboratory

*National Institute of Standards
and Technology*

The NIST team led a multi-organizational effort (NIST/GMU/DARPA) that developed innovative methods for security, testing, and evaluation of hardware and software to securely deploy off-the-shelf smartphones and applications in military field operations. NIST introduced software assurance methods, power and reliability analysis techniques, and standards-based cryptographic solutions that empowered the USG to securely deploy modified commercial solutions, reduce development costs, enhance the combat capability of U.S. troops, and save U.S. soldiers' lives.

Mark Carson

Sheila Frankel

Douglas Montgomery

Stephen Nightingale

Darrin Santay

Information Technology Laboratory

*National Institute of Standards
and Technology*

The group is recognized for technical leadership and innovation in the development and execution of the USGv6 Program that enabled the U.S. Government to meet aggressive OMB milestones for the adoption of IPv6 technologies. The team developed the critical standards, acquisition profiles, accreditation and testing programs, test suites, procurement guides, security guides, and operational test and measurement tools necessary to significantly improve the maturity of commercial IPv6 products and to guide the USG in their acquisition, deployment, and secure use. The NIST USGv6 Program provided a vital catalyst to the Internet industry and established the USG as a world leader in ensuring the continued growth and continuity of the Internet.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY



GOLD MEDAL

HEROISM

William Billotte
Robert Thompson

*Associate Director for
Laboratory Programs*

*National Institute of Standards
and Technology*

Mr. Thompson and Dr. Billotte are honored for their heroism in saving the life of a fellow employee at NIST who had suffered a seizure, collapsed and had stopped breathing. One of the NIST janitorial service staff members experienced a massive seizure in the cafeteria resulting in a hard fall to the floor, regurgitation and blockage of his airway. Mr. Thompson and Dr. Billotte responded immediately, rushed to provide first aid and had 911 contacted. The employee was partially on his back, unconscious and cyanotic. They repositioned him on his side, applied critical first aid and managed to restore his breathing. Mr. Thompson and Dr. Billotte's rapid response to this medical emergency at NIST unequivocally spelled the difference between life and death.



SILVER MEDAL

LEADERSHIP

Leticia Pibida

Physical Measurement Laboratory

*National Institute of Standards
and Technology*

Dr. Pibida is recognized for her leadership in establishing a sustained testing program in response to the evolving radiation detection equipment needs of the over 50,000 Federal, state, local and tribal agents who guard against radiological and nuclear threats on U.S. soil. She led the rapid development of needed standards by organizing teams of experts and users, and then coordinated the creation of the techniques, protocols and infrastructure to ensure that detectors deployed in the field meet the highest standards. Her leadership has earned high praise from the Nation's security and first response communities across multiple Federal agencies.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Robert Fangmeyer

*Baldrige Performance
Excellence Program*

*National Institute of Standards
and Technology*

Mr. Fangmeyer is recognized for his leadership, exceptional vision and for demonstrating extraordinary motivation during the critical and challenging transition of the Baldrige Performance Excellence Program to non-Federal funding. He successfully led the transition to a new program structure with 40% less staff while still providing exceptional customer service to the Baldrige community. His critical decision making fostered and established more efficient use of program resources, learning many program processes, and implementing a cost recovery fee-based revenue stream for BPEP from the domestic and international market. He cultivated and promoted culture change within the program while still administering a full Baldrige Award cycle.



SILVER MEDAL

SCIENTIFIC/
ENGINEERING
ACHIEVEMENT

Audrey Tong

Information Technology Laboratory

*National Institute of Standards
and Technology*

Mrs. Tong is recognized for significant technical contributions in the development and implementation of new benchmark test methodologies, test materials, and metrics for automatic translation of foreign handwritten text. Her products provided critical data and measurement methods that the international community previously lacked, stifling progress. Repeatable evaluations and the scientific information exchanged grounded to standardized datasets set the research direction for new technological approaches that significantly advanced state-of-the-art performance from 5% accuracy to 89%! This has enabled actionable intelligence and enhanced national security through automated information extraction and reporting from foreign documents.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Jacob M. Taylor

Physical Measurement Laboratory

National Institute of Standards and Technology

Dr. Taylor is recognized for his pioneering advances in making compact, practical quantum devices that bridge the familiar classical world we live in with the exotic quantum world, where matter at the smallest scales exhibits surprising and powerful properties. His groundbreaking research is paving the way for secure quantum communication, and is leading to the development of a new generation of sensors that in the long term may provide the most accurate measurements of forces at the molecular level, and could vastly improve *in vivo* magnetic imaging through higher resolution MRIs.

Nhan Nguyen

Physical Measurement Laboratory

National Institute of Standards and Technology

Dr. Nguyen is recognized for seminal contributions to the field of nanoelectronics as the first scientist in the world to combine two sophisticated spectroscopic methods, ellipsometry and internal photoemission, to reveal the critical attributes of buried interfaces in layered materials systems – without damaging the device being measured. The ability he’s provided to rigorously characterize a device’s electronic substructure is essential for the incorporation of new materials

into advanced electronic devices, and for the design and optimization of devices needed for applications such as next-generation computing and energy harvesting.

Jeffrey Fagan

Stephanie Hooker

Elisabeth Mansfield

Kalman Migler

Ming Zheng

Material Measurement Laboratory

Angela Hight-Walker

Physical Measurement Laboratory

National Institute of Standards and Technology

The team is recognized for providing a measurement science infrastructure needed to advance the research, development, and commercialization of products that employ the exceptional physical and chemical properties of carbon nanotubes (CNTs). Prior to the group’s effort, proposed industry applications of CNTs were prevented by the inability to reliably evaluate the quality and properties of CNT materials. The group addressed this problem through a multi-pronged approach by which they developed innovative methods to purify CNT samples for testing, disseminated the first CNT specimens and reference materials of known composition and purity, and led the development of the first international standards for CNT measurements.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



GOLD MEDAL

LEADERSHIP

Michael E. Gerber
Robert D. Bunge
Gregory Zwicker
Mark S. Paese

National Weather Service

*National Oceanic and
Atmospheric Administration*

The group is recognized for their outstanding leadership in developing a delivery method for weather-related Wireless Emergency Alerts to millions of citizens via cell phones. Their efforts resulted in the delivery of weather-related warnings (e.g., flash flood, hurricane, and tornado) over a nationwide Wireless Emergency Alert service, which exceed the performance specifications identified by Federal regulations. For their efforts, weather Wireless Emergency Alerts are now instantly received on millions of cell phones across the United States.



GOLD MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

Michael L. Aslaksen
Andrew P. Halbach
Jon D. Sellars
Jason W. Woolard

National Ocean Service

LT Christopher W. Daniels
LT Francisco J. Fuenmayor
CAPT Albert M. Giramonte
LTJG Robert J. Mitchell
LCDR Scott J. Price
LT Rebecca J. Waddington

*Office of Marine and
Aviation Operations*

*National Oceanic and
Atmospheric Administration*

The group is honored for their rapid collection, processing, and distribution of high-resolution geo-referenced digital imagery in the wake of Hurricane Sandy in 2012. The data provided emergency and coastal managers, as well as private citizens, the critical information needed to develop recovery strategies, facilitate search-and-rescue efforts, identify hazards to navigation and HAZMAT spills, locate errant vessels, and provide documentation necessary for damage assessment through the comparison of before-and-after imagery.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Navigation Services Division

National Ocean Service

NOAA Ship *Thomas Jefferson*

*Office of Marine and
Aviation Operations*

*National Oceanic and
Atmospheric Administration*

The group is honored for efforts in the midst of an emergency mobilization covering the entire East Coast, as they adjusted and deployed to the worst-hit Port of New York and New Jersey. Stepping into the breach caused by Hurricane Sandy's destruction to in-situ survey assets, surveyors literally worked around the clock, finding shoaling and shipping containers that posed dangers to navigation. Working with sporadic electricity, staff delivered near-real time survey information that sped the resumption of port operations and opened the flow of fuel and relief supplies.



GOLD MEDAL

SCIENTIFIC/
ENGINEERING
ACHIEVEMENT

Dean J. Carter
Drew T. Saunders
Jay Morris
Kern Witcher
Nancy A. Ritchey
Walter J. Glance
Rick Vizbulis
James J. Goudouros
Axel Graumann

*National Environmental Satellite,
Data, and Information Service*

*National Oceanic and
Atmospheric Administration*

The group is recognized for its exceptional performance in the implementation of the Suomi National Polar-orbiting Partnership (Suomi NPP) Ground System. The team exceeded all testing and performance requirements for the ingest, archive, and dissemination of data and products from the Suomi NPP satellite. The team supported the October 2011 launch, which required unprecedented coordination throughout the program. The team also executed unplanned post-launch system enhancements of the data distribution system to meet NOAA and other critical interagency data needs.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



GOLD MEDAL

CUSTOMER SERVICE

Eastern Region Headquarters

Weather Forecast Office,
Mt. Holly, NJ

Weather Forecast Office,
New York, NY

National Weather Service

*National Oceanic and
Atmospheric Administration*

The organizations are recognized for providing outstanding decision support services and accurate and timely forecasts to decision makers and the public before, during and after Hurricane Sandy. As a hybrid weather system, Sandy challenged forecasters to accurately predict storm surge and the extent of damaging winds. The large area affected by Sandy required deployment of 20 forecasters to provide in-person decision support services to decision makers. Decision makers used National Weather Service information to order mandatory evacuations, ultimately saving thousands of lives.

Northwest Fisheries Science Center
Southwest Fisheries Science Center

National Marine Fisheries Service

Pacific Marine Operations Center

*Office of Marine and
Aviation Operations*

*National Oceanic and
Atmospheric Administration*

The group is honored for strengthening customer service to the commercial fishing industry for West Coast hake and sardines, valued at \$64 million in 2011, by re-engineering acoustic and biological survey designs to provide the highest sustainable harvest quotas and increase profit potential. The first-ever joint hake-sardine survey, coordinated with industry and Canada, saved \$1.2 million, when compared with separate surveys, by using an industry-provided vessel in tandem with a NOAA research vessel during 60-days at sea rather than the 140 days required for separate surveys.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



GOLD MEDAL

HEROISM

CAPT Wade J. Blake

*Office of Marine and
Aviation Operations*

*National Oceanic and
Atmospheric Administration*

CAPT Blake is recognized for heroism and lifesaving in the aftermath of a boat capsizing accident. On March 24, 2012, CAPT Blake and a responding Coast Guardsman rushed into high surf and very cold (~50 degrees F) Pacific Ocean waters near the Yaquina Channel entrance, Newport, Oregon, to rescue a man whose boat had capsized while attempting to exit the channel. The 53-year old victim was hypothermic, unable to stand, and in immediate danger of drowning. CAPT Blake's actions were in the highest maritime traditions and reflect highly on the Department and NOAA.



SILVER MEDAL

LEADERSHIP

John A. Ogren

Patrick J. Sheridan

Oceanic and Atmospheric Research

*National Oceanic and
Atmospheric Administration*

The group is honored for its vision in recognizing that NOAA's network of six baseline stations is inadequate to characterize the diverse nature of aerosols around the globe, its creativity and strategic thinking in developing an approach to export NOAA's monitoring methods to external partners, and its leadership in implementing these methods in a cooperative network of 24 stations in 10 countries (as of late 2012). The end result is a standardized data set to assess the ability of global climate models to represent trends and variations of aerosol climate-forcing properties around the globe.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



SILVER MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

Rachel W. Sweeney

Cecelia C. Linder

National Marine Fisheries Service

Jason L. Manthey

*Office of the Chief
Administrative Officer*

Jane D. Cerda

James E. Price

William J. Becker

Office of Acquisition and Grants

Lauren Didiuk

Office of General Counsel

*National Oceanic and
Atmospheric Administration*

The group is honored for designing and reconstructing Pelican Island, a key barrier island off the coast of Louisiana important to the Nation's economy and protection against severe coastal damage and loss suffered by catastrophic hurricanes. This project represents a naturally sustainable solution to shoreline loss while providing habitat for national fishery resources. Completed 3 months ahead of schedule and \$1 million under the \$48 million budget, this project is a model for other wetland restoration efforts in the Barataria Bay Barrier Island system along the Louisiana Gulf Coast.



SILVER MEDAL

SCIENTIFIC/ ENGINEERING ACHIEVEMENT

John P. Dunne

Robert Hallberg

Bonita L. Samuels

Stephen M. Griffies

Matthew J. Harrison

John P. Krasting

Lori Sentman

Ronald J. Stouffer

Jasmin G. John

Andrew T. Wittenberg

Oceanic and Atmospheric Research

*National Oceanic and
Atmospheric Administration*

The group is recognized for the development and application of NOAA's first comprehensive Earth System Models. By incorporating improved descriptions of physical climate, biogeochemical cycles, and marine and terrestrial ecosystem dynamics, the models provide robust projections of Earth systems over the 21st century, with societal impact information (e.g., heat stresses). More than 10 published papers on changes to ocean ecological and biogeochemical systems and potential implications for living marine resources support NOAA's science, service and stewardship mandates.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Martin England
Cynthia L. Hampton
Selina M. Nauman
CAPT William R. Odell
Joseph Perez
Lauri Hillenbrand
Toby Hutchings
Michael D. Jensen
Michael O'dell

*National Environmental Satellite,
Data, and Information Service*

*National Oceanic and
Atmospheric Administration*

The group is honored for their operational support during the launch and post-launch testing of the Suomi NPP satellite and for planning and implementing the full transition of satellite and product operations from NASA to NOAA. Operational use of this test-bed satellite provides continuity between the existing Polar-orbiting Operational Environmental Satellites and future Joint Polar Satellite System satellites. This group was actively engaged with their NASA partners to establish a new concept of operations and train new personnel during a time of significant ground system upgrades.

Yo Kung John Tsui
Ronald E. Mahmot
Timothy J. Schmit
Antonio R. Irving
Antonio A. Abadia
Thomas M. Renkevans

*National Environmental Satellite,
Data, and Information Service*

*National Oceanic and
Atmospheric Administration*

The group is recognized for their exemplary efforts to return Geostationary Operational Environmental Satellite-13 (GOES-13) to operations after a major on-orbit anomaly affected the spacecraft, the imager and sounder instruments, and the products. The group was able to formulate and successfully execute a plan to use the GOES-14 on-orbit spare on an interim basis, rebroadcast test GOES-13 data via GOES-14 once the anomaly was resolved, and inspect GOES-13 test data for image quality and validation of quantitative products before returning GOES-13 to operational service as GOES-East.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



SILVER MEDAL

CUSTOMER SERVICE

Weather Forecast Office, Pocatello, ID

National Weather Service

*National Oceanic and
Atmospheric Administration*

WFO Pocatello is recognized for providing fire support for an historic and abnormally extended fire season. The early melting of the snow pack led to critical fuels curing earlier than normal, resulting in an abnormally long fire season in which 600,000 acres were burned. The WFO issued 170 Red Flag Warnings which equals the number of warnings issued in the previous 4 seasons combined and a third more than the previous season of 2007. Ninety-one percent of the warnings were verified with an average lead time of 12 hours and 34 minutes (nearly 2 hours better than the national goal).



SILVER MEDAL

ADMINISTRATIVE AND
TECHNICAL SUPPORT

Eric E. Livingston

Mary Ann D. Whitmeyer

*Office of the Chief
Administrative Officer*

Adena G. Fritz

Cameron L. Shelton

Scott Prosis

National Weather Service

Marilyn Yuen Murphy

*National Environmental Satellite,
Data, and Information Service*

Winston T. Luke

Oceanic and Atmospheric Research

*National Oceanic and
Atmospheric Administration*

The group is recognized for the development, creation, and seamless transition of an award-winning (AIA Honor Award and ENR Award of Merit) state-of-the-art NOAA Center for Weather and Climate Prediction by building support, promoting collaboration, creating partnerships, developing creative solutions to a multitude of project challenges and working as a “superteam” with determination and perseverance to make this world-class facility a reality. This unique research and operations facility greatly enhances NOAA’s weather and climate modeling and forecasting capabilities.

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



SILVER MEDAL

LEADERSHIP

Edward Drocella
Lawrence Brunson
Frederick Najmy

Office of Spectrum Management

James Mentzer
Ivan Navarro
David Franc
Mark Mulholland
Carmelo Rivera

*National Oceanic and
Atmospheric Administration*

*National Telecommunications and
Information Administration*

The group is recognized for its outstanding leadership in developing and negotiating with industry a precedent-setting coordination framework to promote sharing between federal and commercial users. The technical analysis and sharing coordination concepts they developed taking advantage of current technologies will extend broadband access in the 1695-1710 MHz band to cover as many as 35 million additional Americans beyond the traditional worst-case exclusion-area approach. Their innovative approach will serve as an example potentially opening doors in future spectrum sharing negotiations.

NATIONAL TECHNICAL INFORMATION SERVICE



SILVER MEDAL

CUSTOMER SERVICE

Don Hagen
Wayne Strickland
Christie Langone
Greg Guthrie
Caren Scott
Keith Sinner
Thien Nguyen

*National Technical
Information Service*

The group is being honored for creating a federal repository service program for the science and information management community that provides permanent content collection, management, preservation, improved open access and dissemination of the information contents in multiple types of media and electronic resources. The Federal Science Repository Service permits federal agencies to design agency-specific repositories that serve as distinct entryways to federal science and information content.



GOLD MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

International Trade Administration
Office of General Counsel
Office of Legislative and
Intergovernmental Affairs

Office of General Counsel

The group is recognized for drafting and helping to secure the passage of legislation overturning the decision of the Court of Appeals for the Federal Circuit in *GPX v. United States*. This decision ruled that the United States could not apply the countervailing duty (CVD) law to nonmarket economy countries such as China, which would have required the revocation of over 20 CVD orders on a wide range of subsidized Chinese exports, and prevented the United States from applying CVDs to exports from China. The new law preserves the ability of the United States to apply remedial duties to subsidized imports from China that are injuring U.S. industries.

OFFICE OF INSPECTOR GENERAL



GOLD MEDAL
**ORGANIZATIONAL
DEVELOPMENT**

OIG Top Management
Challenges Team

Office of Inspector General

The team is recognized for its efforts in analyzing a wide range of information, sharing cross-discipline expertise, and identifying forward-looking issues that warrant senior management's attention. This effort required the team to look to the past for the future, to balance short-term and long-term effects, and to identify underlying accountability issues in the Department. As a result, the team produced a valuable management report highlighting both progress made and continued development needs in key mission areas for Department management and Congress to use.



SILVER MEDAL
**ORGANIZATIONAL
DEVELOPMENT**

Todd W. Coleman
Katharine Brown
John Haynie
Kathy Lynch
Richard Krasner
Frederick J. Meny
Kevin D. Ryan
Katherine A. Smith

Office of Inspector General

The group is recognized for identifying critical weaknesses in NOAA's satellite acquisition management and oversight for the multibillion dollar Joint Polar Satellite System (JPSS), which put the program at risk for significant cost overruns and schedule delays. The audit team has been commended by Congress and Department leadership for providing insightful understanding of complex technical issues and valuable recommendations to minimize data coverage gaps for this nationally critical program. The team's work was instrumental in improving management and oversight of this major acquisition.

OFFICE OF INSPECTOR GENERAL

David Adler
Allen R. Crawley
Vasily G. Gerasimov
Matthew Katz
Clark Morsbach
Donald Nuss
Roseanne M. Sands
Raman Santra
Rashedus Sattar
Ping Zhong Sun

Office of the Inspector General

The cyber security audit team is recognized for its outstanding performance in conducting a review that highlighted serious enterprise-wide security weaknesses in the Department's IT security program. Within a limited time frame and under strict statutory deadlines, the team performed in-depth assessments of the effectiveness of the information security programs at ITA, NTIA, and USPTO. The assessments evaluated key security measures in place to protect mission-critical information that is processed, stored, or transmitted on 14 information systems.

U.S. PATENT AND TRADEMARK OFFICE



GOLD MEDAL

LEADERSHIP

John Calvert

United States Patent and Trademark Office

Mr. Calvert is recognized for his leadership in developing a nationwide Pro Bono Program that fosters job creation and assists financially under-resourced patent applicants. Small businesses and independent inventors are vital to America's economy and advancing innovation, but they often struggle with the patent application process due to lack of legal knowledge of the processes and procedures. The Pro Bono Program connects these applicants with free legal services, ensuring that no deserving invention is left behind and that its contributions to the marketplace are realized.

Janet Gongola

Robert Bahr

Office of the Commissioner for Patents

Dana Colarulli

Office of the General Counsel

Steve Miller

Wayne Sobon

Esther Kepplinger

United States Patent and Trademark Office

This group is recognized for its stellar leadership in successfully implementing the AIA, the most significant and extensive reform of the U.S. patent system in more than six decades. The group planned and led all aspects of implementation, including promulgating rules for 21 provisions of law, preparing 2 reports for Congress, establishing 3 new user programs, and developing the most extensive stakeholder and interagency education program in the Agency's history including more than 500 presentations, training sessions, and a special website accessed more than 1 million times by stakeholders.

U.S. PATENT AND TRADEMARK OFFICE

Shira Perlmutter
Justin Hughes
Michael Shapiro
Deborah Lashley-Johnson
J. Todd Reves

United States Patent and Trademark Office

The group is recognized for exceptional leadership in international intellectual property negotiations at the Diplomatic Conference on the Protection of Audiovisual Performances, which was held in Beijing, China, June 20-26. The group devised and implemented an effective legal, policy, and diplomatic strategy that culminated in the successful conclusion of the landmark Beijing Treaty. The treaty holds great promise to strengthen the rights of film and television actors around the world.



GOLD MEDAL

PERSONAL AND
PROFESSIONAL
EXCELLENCE

William R. Covey
William J. Griffin
Melinda M. DeAtley
Jennifer Harchick
James M. Silbermann
Shirley A. Martin
Slobodanka Ignjatich
Paulette Y. Walker
Bernice Littlejohn
Katie L. Trijo

United States Patent and Trademark Office

This group is recognized for its excellence in creating and administering the USPTO Law School Clinic Certification Program. The Program has benefitted the IP community by providing real-world patent and trademark experience to over 880 law school students under the supervision of an experienced practitioner. As such, the students gain the necessary tools to tackle the complexities of intellectual property that are so important in today's innovation economy. Moreover, the Program makes patent and trademark legal services available to under-resourced inventors and trademark owners.

U.S. PATENT AND TRADEMARK OFFICE

Scott C. Weidenfeller
Jennifer McDowell
Kyu S. Lee
Nicolas F. Oettinger
Kimere J. Kimball
Frances M. Lynch
Robert J. McManus
Brian T. Racilla
Lynne E. Pettigrew
Joseph N. Bartels

United States Patent and Trademark Office

This group is recognized for exemplary legal review and coordination in timely promulgating 16 rulemakings in 18 months to achieve the largest patent reform in nearly 60 years as directed by the America Invents Act. The rules create agency proceedings to replace costly court litigation, and reform the agency's fee system so as to obtain funds for the agency to hire examiners needed to reduce an application backlog. The rules advance USPTO and the Department's mission of more quickly moving innovations to the marketplace and creating jobs.



SILVER MEDAL

LEADERSHIP

Dianne M. Campbell
Lisle C. Hannah
John D. Hassett

Office of the Chief Administrative Officer

Mark A. Kreiger
Katherine E. Kudrewicz

Office of the Chief Financial Officer

Robert E. Cobert
Deborah J. Reynolds
Timothy P. Callahan
David L. Talbott
Marla Robinson

Office of the Commissioner for Patents

United States Patent and Trademark Office

The group is honored for its exceptional dedication in successfully implementing the first-ever satellite office in the history of the United States Patent and Trademark Office (USPTO). The satellite office represents the first phase of the Nationwide Workforce Program to hire more patent examiners and seek additional resources and technical expertise in locations nationwide to deliver high quality patents to applicants. This effort is integral to the USPTO's mission of fostering intellectual property awareness as well as strengthening the nation's global economic leadership and prosperity.

U.S. PATENT AND TRADEMARK OFFICE

Safana Ahmed
Lauren Ailes
Gerard Torres
Dianne Buie
Michelle Picard
Stephen Porter

Office of the Chief Financial Officer

Jack Buie
David Fitzpatrick
Daniel Hunter

Office of the Commissioner for Patents

Alan Marco

Office of Policy and External Affairs

United States Patent and Trademark Office

The group is recognized for its distinguished performance in successfully implementing a patent fee schedule using the USPTO's newly enacted fee setting authority. The improved and integrated fee schedule provides additional revenue for the USPTO to bolster financial sustainability and reduce patent application pendency by more than 11 months over a 5 year period. The pendency reduction permits patents to be granted with exclusive rights to protect an applicant's new idea sooner, which benefits the U.S. economy by promoting businesses and job growth.

Many thanks

to those individuals who contributed
So much to today's program:

Office of Human Resources Management Incentive Awards

Program Manager:

Ursula Snead

Incentive Awards Program Officers of the Department

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Tanika Hawkins – EDA

Kimberly Gromos – ESA

Glenn West – ESA

Tina Agoo – ITA

Morgan Fryklund – NIST

Karen Robin – NOAA

Anthony Calza – NTIA

Vicki Buttram – NTIS

Lanetta Gray – OGC

Anne Carper – OIG

Debra Ginther – PTO

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U.S. Marine Band

Multimedia Division

Desiree McKinney

Samantha Murray-Thompson



United States Department of Commerce