

66TH ANNUAL HONOR AWARDS PROGRAM



UNITED STATES DEPARTMENT OF COMMERCE

For our environment... for our community... for our future.

This handmade program booklet cover is embedded with wildflower seeds. Soak the paper in water overnight. Cover it with a thin layer of fine soil and water daily. The wildflowers will begin to grow in 3-6 weeks. For best results plant in an area that receives partial to full sunlight and watch them bloom.



Read it.



Plant it.



Water it.



Grow it.

SIXTY-SIXTH ANNUAL HONOR AWARDS PROGRAM

THE AMPHITHEATER
RONALD REAGAN BUILDING AND INTERNATIONAL TRADE CENTER
1300 Pennsylvania Avenue, N.W.

January 27, 2015

INTRODUCTION

Honorable Bruce H. Andrews
Deputy Secretary of Commerce

PRESENTATION OF COLORS

Armed Forces Color Guard

NATIONAL ANTHEM

U.S. Marine Corps Brass Quintet

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 Bruce H. Andrews
Deputy Secretary of Commerce

SOLOIST

Joel Silberman



MESSAGE FROM THE SECRETARY

The U.S. Department of Commerce plays a crucial role in economic growth, sustainable development, and improved standards of living of our citizens and our Nation.

We help create the environment for entrepreneurs and business enterprises to succeed, compete, and create jobs and opportunities for the American people.

The men and women we honor today have proudly accepted this mandate and advanced economic security in a variety of ways. They have opened global markets and fostered technological competitiveness, pioneered scientific research and assisted economically distressed communities. They have expanded vital databases, monitored ocean resources, enforced trade rights, and improved weather forecasting.

By focusing on export enhancement, technology development, and sustainable economic growth, these public servants are making a difference every day to the success of American businesses and American workers.

I am proud to recognize and applaud all of our 2014 Gold and Silver Honor Awards recipients. Each one exemplifies a commitment to leadership, to excellence, and to extraordinary achievement that contributes to our national well-being and keeps America Open for Business.

A handwritten signature in blue ink that reads "Penny Pritzker". The signature is fluid and cursive, with the first letters of "Penny" and "Pritzker" being capitalized and prominent.

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 PERSONAL AND PROFESSIONAL EXCELLENCE

Robert Dugan
Anthony Limone
Thomas Smith
Gina Makowski

Export Enforcement

Bureau of Industry and Security

The group is recognized for conducting a complex three year investigation that utilized innovative techniques to prevent the illegal export of five tons of military grade carbon fiber to China for use on the new Chinese J14 heavy stealth fighter jet and disrupt a Chinese military procurement network. The investigation utilized two undercover operations in Guam and Saipan to gather evidence and arrest three individuals. The defendants were sentenced to incarceration for 9 to 57 months.

Bryan Pabin
William Higgins
Deanna Orobey
Stephen LaForest
Ronald Orzel
Joel Christy
John McKenna
George Cahlik
Deniz Muslu

Export Enforcement

Donald Pearce

International Trade Administration

Bureau of Industry and Security

The group is honored for their extraordinary efforts to protect U.S. national security by dismantling an Iranian procurement network that was responsible for procuring components that threatened U.S. and coalition forces in Iraq. Their efforts resulted in the indictment of four Singapore nationals, three Singapore companies, and two Iranians; the arrest of the four Singapore nationals and two U.S. residents and the subsequent extradition of two Singapore nationals to the U.S. The case has also resulted in the addition of 15 persons to the Entity List and the generation of more than 10 subsequent investigations.

BUREAU OF INDUSTRY AND SECURITY

Rick Shimon
Elizabeth Blanch
Colin May
Marco deAsa-Littig

Export Enforcement

Gregory Michelsen

Office of the General Counsel

Bureau of Industry and Security

The group is recognized for their tenacious investigative efforts to identify, target, and cripple a civil aviation network operated by Mahan Airlines, which is a designated terrorist organization supporting the Islamic Revolutionary Guard Corps. This extensive network spanned numerous countries and involved dozens of individuals and entities. The team's efforts stopped numerous aircraft and more than \$50 million in aircraft engines and parts destined to Mahan and its criminal enterprises.



SILVER MEDAL LEADERSHIP

Kenneth Whaley
Timothy Mooney

Export Administration

Aleck Che-Mponda

Office of the Chief Information Officer

Bureau of Industry and Security

The group is recognized for its innovative development of the logic and process involved in two key regulatory developments at the heart of the President's Export Control Reform Initiative. The group's exceptional acumen led to the development and implementation of two web-based tools (and their related seminar hand-out products) that continue to significantly aid the exporting public in applying and complying with the new regulations resulting from the Presidential Initiative.

BUREAU OF INDUSTRY AND SECURITY



SILVER MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Anthony Christino
Douglas Brown
Theodore Curtin
Steven Schrader
Joseph Cristofaro
Larry Denyer
Edward Freedman

Export Administration

Rochelle Woodard

Office of the General Counsel

Bureau of Industry and Security

The group is recognized for its accomplishments which aided the Nobel Peace Prize-winning efforts of the Organization for the Prohibition of Chemical Weapons and the United Nations Joint Mission in Syria to verify and destroy Syria's chemical weapons program. The group's efforts enabled the U.S. Government to provide highly-sensitive protective equipment to international inspectors to perform their functions in an expeditious and safe manner and established the procedure for verifying the destruction of some of Syria's most difficult to destroy chemicals at a U.S. industry facility.

Robert Luzzi
Alan Berkowitz
John Johnson

Export Enforcement

Bureau of Industry and Security

The group is recognized for their efforts to protect U.S. national security by investigating a complex export diversion network that smuggled millions of dollars' worth of advanced U.S.-origin technology using six different countries and dozens of intermediate companies to customers in Iran. The group detected, prevented, and disrupted this complex diversion scheme, resulting in 15 indictments, multiple convictions, and the seizure and forfeiture of millions of dollars.

ECONOMIC DEVELOPMENT ADMINISTRATION



GOLD MEDAL

LEADERSHIP

Economic Development Administration

The team is honored for leading the Federal economic recovery following Hurricane Sandy. Under the National Disaster Recovery Framework, EDA, on behalf of the Department, serves as the coordinating agency for the Recovery Support Function. Following Sandy, EDA led the DOC team deployed to the disaster area that provided direct assistance to communities and businesses. Their efforts weren't only instrumental in identifying critical opportunities that helped to speed their recovery for affected communities, but also spearheaded innovative initiatives that were included in the President's Hurricane Sandy Rebuilding Strategy.

Matthew Giannini

Economic Development Administration

Mr. Giannini is honored for making improvements to EDA's grant award process. While working as a Project Engineer and serving as the Area Director and Environmental Officer in the Austin regional office, Mr. Giannini was exposed to the various facets of the grant award process. He immediately sought ways to address the large number of redundancies between database entry and the development of award documents. He developed the grant award process from home, working after hours and on weekends, a remarkable achievement that is testimony to his creativity and commitment to excellence. After agency reviews, he has been able to share this valuable product with other EDA regional offices.

ECONOMIC DEVELOPMENT ADMINISTRATION



SILVER MEDAL LEADERSHIP

Ryan Hedgepeth
Samantha Schasberger
Kerstin Millius
Delisle Warden

Economic Development Administration

Elizabeth Grzymala-Busse

Office of the General Counsel

Michael Jackson

Immediate Office of the Secretary

Susan Helper
Cassandra Ingram

Economics and Statistics Administration

Economic Development Administration

This team is cited for successfully directing a multi-agency effort to implement the IMCP Competition, a first-ever initiative of its kind to help accelerate the resurgence of manufacturing in the U.S. and help cultivate an environment for businesses to create well-paying jobs across the country. The team coordinated with 12 other Federal agencies on potential programmatic and funding contributions, engaged in outreach to stakeholders, and responded to numerous follow-up inquiries. The team hosted an interagency webinar to provide additional guidance and published a Federal Register Notice in December 2013, to formally launch the Competition.

ECONOMICS AND STATISTICS ADMINISTRATION



GOLD MEDAL LEADERSHIP

Fay Dorsett
Ji Yoo
Elaine L. Richards
Jonathan Schuyler
Sean P. McConaghy
Marc A. Klein
John B. Murphy

U.S. Census Bureau

Edward T. Morgan

Bureau of Economic Analysis

Economics and Statistics Administration

This group is recognized for developing the demand-based hierarchical structure of the North American Product Classification System (NAPCS). This work greatly expands the usefulness of product statistics for market analysis, business planning, and demand-oriented studies. NAPCS is a North American reference standard that allows comparable product data collections across the U.S., Canadian, and Mexican statistical programs. The application of a demand-based concept to product classifications is a new, unique, and innovative way to organize and increase the value of existing data collections.



GOLD MEDAL SCIENTIFIC/ENGINEERING ACHIEVEMENT

Bettina H. Aten
Eric B. Figueroa

Bureau of Economic Analysis

Economics and Statistics Administration

This team is recognized for its efforts to create a methodology and system to produce an official set of regional price statistics. This allows policymakers, businesses, and ordinary Americans to see how people's inflation-adjusted incomes in one state or metro area compare with another's. The statistics provide insights into the purchasing power of consumers living in different geographic regions and offer a more detailed picture of the U.S. economy.

Paul V. Kern
Steven L. Zemanek

Bureau of Economic Analysis

Economics and Statistics Administration

This group is recognized for path-breaking efforts in creating, with the National Endowment for the Arts, the first-ever set of national statistics measuring the economic impact of arts and culture on the U.S. economy. The new project, called the Arts and Cultural Production Satellite Account, fills an important void in U.S. economic statistics by providing policymakers, businesses, and ordinary Americans with a detailed picture of the economic value of arts and culture.

ECONOMICS AND STATISTICS ADMINISTRATION

Erich H. Strassner
David B. Wasshausen
Carol E. Moylan

Bureau of Economic Analysis

Economics and Statistics Administration

The group is cited for work creating and implementing on a regular basis the first set of quarterly statistics on the economic performance of U.S. industries. The statistics provide more timely insights into the sources of strength and weakness in the U.S. economy, and they fill a long-standing gap in the measurement of U.S. industrial activity. The new statistics will provide more up-to-date information to guide decision making by businesses and policymakers and will serve as a better barometer for identifying turning points in different sectors and the overall economy.



GOLD MEDAL

ADMINISTRATIVE/
TECHNICAL SUPPORT

Ilene M. Tayman
Jaime L. Noble
Hazem Eldakdoky
Angela R. Eisenbraun
Tameika L. Turner
Chun Bon Lai
Kandy D. Bruno
Adeeb Parkar
Anthony T. Petty
Danielle A. Norman

U.S. Census Bureau

Economics and Statistics Administration

The group is recognized for developing a program that allows executives to better understand risk and determine the most cost-effective actions to manage them – while minimizing the impact on the mission. The cost to apply security controls was reduced by 90% under this framework and systems have realized a reduction in Plan of Action and Milestones closure times of up to 75%. Average risk has also been reduced from 20% to under 5% per system. An automated assessment of configuration compliance with a return on investment of less than a year was developed. The program also resulted in a reduction of contracted security staff.

ECONOMICS AND STATISTICS ADMINISTRATION



GOLD MEDAL
HEROISM

Cheryl A. Van Wormer

U.S. Census Bureau

Economics and Statistics Administration

Ms. Van Wormer is honored for exceptional bravery and professionalism during her abduction while serving as a Field Representative for the U.S. Census Bureau. Ms. Van Wormer was abducted by an escapee from a correctional facility, who media outlets reported as having been convicted of four murders and was serving four life sentences. At an opportune moment at a refueling stop, she ran from the vehicle and called police while the abductor fled in her vehicle. She was able to provide pertinent information to law enforcement officials that resulted in the abductor's capture. The detailed information she provided to law enforcement personnel led to the capture of the escaped prisoner and the recovery of Ms. Van Wormer's vehicle and all government property.



SILVER MEDAL
LEADERSHIP

Karen A. Bagwell

U.S. Census Bureau

Economics and Statistics Administration

Ms. Bagwell is recognized for her work in developing and executing a strategy to automate adaptive design data collection methods in the 2013 Census Site Test. She conceived and successfully implemented this plan within 5 months. Ms. Bagwell was responsible for implementation of all automation aspects of this project including planning, development, testing, implementation, and support. This accomplishment provides the foundation for significant cost savings for field data collection in the 2020 Census.

ECONOMICS AND STATISTICS ADMINISTRATION



SILVER MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Miguel B. Perez
Edward L. Kobilarcik
Tamara S. Adams
Carol M. Rose
Everett G. Whiteley
Ryan T. Harbold
Burton H. Reist

U.S. Census Bureau

Brad Burke

Economics and Statistics Administration

The group is recognized for establishing a baseline estimate of the potential lifecycle cost savings associated with the 2020 Census. This baseline estimate was used to defend the Census Bureau's FY 2015 Budget Request and the need for early investment in research and testing. By harnessing subject matter expertise and mature cost estimation methodology, the team documented the potential incremental savings associated with various innovations, demonstrating a real opportunity to save the taxpayers \$5 billion.



SILVER MEDAL SCIENTIFIC/ENGINEERING ACHIEVEMENT

Matthew Russell
Jon D. Samuels
Thomas F. Howells III

Bureau of Economic Analysis

Economics and Statistics Administration

This group is honored for exemplary efforts in developing a new set of national statistics that integrate BEA's measure of U.S. economic growth with the Bureau of Labor Statistics (BLS) measure of business productivity. The new statistics close a long-standing gap in the statistical system and offer policymakers and businesses a new tool for analyzing U.S. innovation and competitiveness in the global marketplace as well as industries' sources of growth and efficiency gains.

ECONOMICS AND STATISTICS ADMINISTRATION



SILVER MEDAL ORGANIZATIONAL DEVELOPMENT

Robert T. Sienkiewicz
Avi Bender
Rebecca V. Blash
James D. Fitzsimmons
Lisa Wolfisch
Carollynn Hammersmith
Steven J. Jost
Jeffrey D. Sisson

U.S. Census Bureau

Economics and Statistics Administration

The team is cited for creating a Dissemination Roadmap and Concept of Operations that are revolutionizing Census Bureau data dissemination through five areas of change. Overcoming legacy thinking and limits, the team worked across organizational lines to develop transformative components including governance, metadata management, technology, customer experience management, and external information services. The roadmap outlines how to achieve innovations needed to create a customer-centered platform and corporate strategy for dissemination.



SILVER MEDAL CUSTOMER SERVICE

Ashley B. Austin
Kellie M. Friedrich
Kari L. Klinedinst
Charles F. Brady
Thomas W. Edwards
Andrew W. Hait
Justin T. Keller
Carol H. Foley
Michael S. Morgan
Victor E. Romero

U.S. Census Bureau

Economics and Statistics Administration

The group is recognized for strategically planning and implementing a strong response, promotion, and outreach program for the 2012 Economic Census. This program provides structured mechanisms for establishing long-term relationships with the business community who serve as respondents and data users of Census Bureau Economic Data Products. The relationships and strategies developed are being leveraged more broadly throughout economic surveys within the Census Bureau and throughout the mobilization of outreach as part of the strategic mission of the Department of Commerce.

ECONOMICS AND STATISTICS ADMINISTRATION

Timothy P. Olson

U.S. Census Bureau

Economics and Statistics Administration

Mr. Olson is honored for exemplary customer service to respondents, stakeholders, and Congressional offices in support of Census data collections. As the agency's first Respondent Advocate, he established procedures to rapidly respond to respondent and Congressional concerns about Census surveys. He led work to clarify the legislative need for questions on the American Community Survey and met with staff in 97 Congressional offices. His compilation of information regarding data collection and response rates enabled him and others to fully understand and address respondent burden issues.



SILVER MEDAL

ADMINISTRATIVE/
TECHNICAL SUPPORT

Jason M. Fields
Nathaniel B. McKee
Mahdi S. Sundukchi
Tracy L. Mattingly
Alicia D. Walker
David Morgan
Daniel Doyle
Matthew C. Marlay
Martha Stinson
Alfred O. Gottschalck

U.S. Census Bureau

Economics and Statistics Administration

This team is recognized for redesigning the Survey of Income and Program Participation, providing national monthly dynamics in household economics and program use at lower burden and cost. The team exceeded expectations in designing and fielding a survey leveraging calendar recall methods to extend survey intervals to a year from every 4 months, reducing burden and cost, while maintaining quality. The team created a calendar instrument that included the ability to leverage prior interview data, audio recording, paradata for evaluation and management, and allowed administrative data inputs.

INTERNATIONAL TRADE ADMINISTRATION



GOLD MEDAL
LEADERSHIP

Cora Dickson
Ryan Mulholland

Industry and Analysis

International Trade Administration

The team is recognized for developing the Renewable Energy Top Markets Study, a tool to guide USG export promotion efforts toward markets and sectors likely to increase U.S. exports and optimize the use of USG resources. The Department now has an objective, comparative analytical tool to rank markets, using a detailed, tailored methodology and in-depth market research. The Department and other USG agencies will use the study to identify priority markets and coordinate actions that support the global competitiveness of U.S. industry.

International Trade Administration
DOC Executive Secretariat
Economic Development Administration

International Trade Administration

The organizations are recognized for their extraordinary efforts under significant time, staffing, and resource constraints, including a government shutdown, to execute a high level White House/Government-wide event. The event furthered the mission of the White House, the Department, ITA, SelectUSA, and other participating Federal agencies, in promoting investment in the United States as a means of supporting economic growth and job creation.

INTERNATIONAL TRADE ADMINISTRATION



GOLD MEDAL
PERSONAL AND
PROFESSIONAL EXCELLENCE

Deborah Bartell

Enforcement and Compliance

Leah Liston

Office of the General Counsel

International Trade Administration

The team is recognized for superior policy and legal contributions to U.S. efforts to successfully conclude negotiations on a historic multilateral trade agreement. Following 9 years of work, the World Trade Organization (WTO) completed negotiations on the Agreement on Trade Facilitation in 2013. The Agreement creates binding commitments to expedite movement of goods and improve customs cooperation and transparency across all WTO Members. Studies estimate this agreement could increase global GDP by almost \$1 trillion, and it is a huge win for U.S. exporters and the U.S. economy.

Chris Rasmussen
Martin Johnson

Industry and Analysis

International Trade Administration

The group is recognized for dedication, expertise, and skill in estimating the Jobs Supported by U.S. Exports. The state-of-the-art economic modeling, extensive data collection and manipulation, and their coordination with the Department of Labor resulted in the Secretary's release of the 2013 calculations. The calculations are the official U.S. government source and are used government-wide including, by the White House, the United States Trade Representative, and other Trade Promotion Coordinating Committee members.

INTERNATIONAL TRADE ADMINISTRATION



SILVER MEDAL LEADERSHIP

Paul Thanos
Randy Mitchell
Scott Schmith

Industry and Analysis

Lori Cooper
Maria Cameron
Braeden Young

Global Markets

International Trade Administration

The group is recognized for its groundbreaking contribution towards establishing the United States and the Department of Commerce as the global leader on impact investing, including the conclusion of the first agreement in history between two governments focused on impact investing and trade. The impact investment agreement with Brazil was conceived, presented, and negotiated by the group and provides the foundation for expanded bilateral trade and investment well into the future. U.S. participants on the trade mission are raising capital that will come back to the United States and create jobs.



SILVER MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Darrel Ching
Haw Cheng Ng
Nancy Goh
Jason Sproule
Justin Osowski
Noor Sclafani

Global Markets

Alexis Haakensen

Industry and Analysis

International Trade Administration

The team is cited for leadership in preparing for and executing the U.S. Feature Country presence at the Singapore Airshow 2014, which included 163 U.S. companies. For nearly 2 years, the team conceptualized, advocated for and implemented this ambitious effort to broaden and deepen the U.S. exporter base. The team collaborated effectively and deliberately across ITA and secured the participation of nine U.S. Federal agencies in Singapore's first-ever National Export Initiative Cabinet Booth.

INTERNATIONAL TRADE ADMINISTRATION

LaVonne Clark
Nancy Decker
Patrick Edwards
Neal Halper
Angelica Mendoza
Yasmin Nair
Whitney Rolig
Taija Slaughter
Charles Vannatta
Matt Walden

Enforcement and Compliance

International Trade Administration

The team is recognized for its exceptional contributions to the enforcement of the U.S. trade remedy laws. For almost 2 years, the team investigated a practice whereby unfinished Chinese oil country tubular goods (OCTG) were processed in another country and then exported to the United States. Their efforts ensured that these imports are subject to antidumping and countervailing duties on Chinese OCTG, thus creating a level playing field for U.S. steel manufacturers.

Yuki Fujiyama

Industry and Analysis

International Trade Administration

Mr. Fujiyama is honored for his contributions to the advancement of U.S. Minority-owned Business Enterprises (MBEs), especially those which are Hispanic-owned, in global markets by mobilizing and promoting public and private sector trade finance resources to help turn their export opportunities into actual sales. His achievements directly support the President's National Export Initiative as well as the International Trade Administration's and Minority Business Development Agency's goal of helping MBEs, the bulk of which are small- and medium-sized enterprises, become successful exporters.

U.S. Commercial Service Turkey
Advocacy Center
Global Markets Turkey Desk

Global Markets

International Trade Administration

The organizations are recognized for sustained contributions to the National Export Initiative goals under the ITA Consolidation, leading to a doubling of U.S. exports to Turkey and extension of export promotion programming throughout Turkey, the Caucasus, and Central Asia. Through extensive advocacy and business development on behalf of American firms, large and small, the U.S. Commercial Service team in Turkey has been able to positively impact overall Turkish-American relations, support American jobs, and grow U.S. market share in this priority market.

INTERNATIONAL TRADE ADMINISTRATION

Judy Lao

Global Markets

International Trade Administration

Ms. Lao is recognized for achievement in leading an inter-governmental and non-governmental organization team in advancing customs modernization in Latin America. She demonstrated expertise, creative problem solving, and astute diplomacy and achieved extraordinary results which allowed U.S. exports to seven Latin American countries to clear customs faster and at a reduced cost. She has catalyzed the creation of public-private sector advisory groups which will play an important role in customs modernization efforts for years to come.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY



GOLD MEDAL LEADERSHIP

Donna F. Dodson
Jon M. Boyens
Naomi B. Lefkowitz
Suzanne Lightman
Victoria Y. Pillitteri
Matthew A. Scholl
Adam R. Sedgewick
Kevin M. Stine

Information Technology Laboratory

Lisa J. Carnahan

Standards Coordination Office

National Institute of Standards and Technology

The group is recognized for its exceptional leadership and outstanding technical achievement in developing an innovative Framework to improve the cybersecurity of our Nation's critical infrastructure. In Executive Order 13636, the President directed NIST to create a Cybersecurity Framework to manage and reduce cybersecurity risk across the Nation's critical infrastructure sectors. The team convened a highly diverse community to achieve consensus on a Framework of standards, guidelines, and practices to identify, assess, and manage cybersecurity risk.



GOLD MEDAL SCIENTIFIC/ENGINEERING ACHIEVEMENT

John E. Kitching
Elizabeth A. Donley
Svenja A. Knappe

Physical Measurement Laboratory

National Institute of Standards and Technology

The group is recognized for creating and continually advancing the world-leading NIST chip-scale atomic device program, bringing the precision and accuracy associated with atomic clocks to innovative ultraminiature devices with applications including time-keeping, magnetometry, medical imaging, and navigation. The group pioneered the marriage of the diverse fields of atomic physics, laser physics, and microelectrical mechanical systems to invent chip-scale atomic clocks, magnetometers, gyroscopes, spectrometers, and other innovative measurement technologies.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Andrew D. Ludlow
Christopher W. Oates
Jun Ye

Physical Measurement Laboratory

National Institute of Standards and Technology

The group is recognized for exceptional scientific creativity and achievement for inventing and perfecting new types of atomic clocks with world-leading performance. The group invented what are currently the world's two best atomic clocks, which are based on ultracold atoms in optical lattices generated by highly controlled lasers. The group pioneered new physics and overcame substantial technical challenges to improve the performance of the optical lattice clocks by a factor of 100 in a few years. These new clocks will enable advances in telecommunications, navigation, and remote sensing.

Long Thanh Phan
Erica D. Kuligowski
Franklin T. Lombardo

Engineering Laboratory

National Institute of Standards and Technology

David P. Jorgensen

National Oceanic and Atmospheric Administration

National Institute of Standards and Technology

The group is recognized for the multidisciplinary investigation of the May 2011 Joplin Tornado. The study was the first to combine an innovative

simulation of the EF-5 tornado wind fields, engineering determination of the resulting building failure modes, and an original model of human response to emergency warnings and tornadic conditions. Based on the 47 engineering and sociological findings, the 16 recommendations in the report will enable, for the first time, building code requirements which directly consider tornados. As a result, future construction in tornado-prone areas will be safer.

Stephen E. Stein
Dmitrii V. Tchekhovskoi

Material Measurement Laboratory

National Institute of Standards and Technology

The group is recognized for their development of InChI and InChIKey. InChI and InChIKey are universal, open source languages that uniquely define the chemical structure of complex molecules using a string of numbers and letters. InChI and InChIKey have been readily adopted worldwide by chemical researchers, software developers, scientific publishers, industry, and Federal agencies to exchange chemical structure information over the Internet and link chemical data between databases, scientific publications, patent literature, and popular news sources.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY



GOLD MEDAL HEROISM

George Clary, Jr.
Mark R. Miller
Craig T. Moore
David W. Nalborczyk

Office of Facilities and Property Management

National Institute of Standards and Technology

The group is honored for their heroic, lifesaving efforts. On June 25, 2013, Engine 753 was dispatched to provide assistance to Montgomery County at an apartment building fire in Gaithersburg, Maryland. Upon arrival, the crew was designated to search the third floor. Under extreme heat and smoke conditions, they found an adult and dog in the burning building. The crew moved the occupant to a window to coordinate removal from the building with a ladder. Once the occupant was safe, the dog was carried out of the building by the crew and returned to the owner.



SILVER MEDAL SCIENTIFIC/ENGINEERING ACHIEVEMENT

Paul C. Brand
Anthony J. Norbedo

NIST Center for Neutron Research

National Institute of Standards and Technology

The group is recognized for developing and implementing a major upgrade of the thermal shield of the NIST reactor, the heart of the NIST Center for Neutron Research (NCNR). This resolved a long-standing and increasingly serious maintenance issue that was widely considered to be the life-limiting feature of the reactor. As a direct result of their efforts, the NCNR, a critical national user facility, with an estimated replacement value of \$1B, is now capable of reliably serving the U.S. industrial and scientific communities for decades to come.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

Su Lan Cheng
Brian J. Cochran
Gregory P. Fiumara
Patricia A. Flanagan
Stanley A. Janet
Wayne J. Salamon
Craig I. Watson

Information Technology Laboratory

National Institute of Standards and Technology

The group is recognized for exceptional technical achievement in designing, building, and operating a unique, scalable, multiple biometric evaluation laboratory, which supports matching millions of subjects, and is broadly applicable to multiple biometrics (including fingerprints, face, iris, voice, and video). This unique environment has advanced measurement science and development of standards in biometrics providing U.S. Government agencies with essential data for technology policy and procurement decisions.

James P. Cline

Material Measurement Laboratory

National Institute of Standards and Technology

Dr. Cline is recognized for breakthrough advances in X-ray diffraction measurement science and instrumentation, resulting in unprecedented accuracy in crystal structure measurements needed by industry and academic researchers to identify and analyze advanced materials. Dr. Cline directly leveraged these advances in metrology to develop a unique suite of X-ray diffraction Standard Reference Materials, used to calibrate the many thousands of diffraction instruments used by researchers worldwide. His work impacts the plethora of technologies that rely on materials innovation, from manufacturing to pharmaceuticals, electronics, and catalysts, as well as the state of the art in commercial diffraction instruments.

Jeremy C. Cook

NIST Center for Neutron Research

National Institute of Standards and Technology

Dr. Cook is recognized for significantly advancing our Nation's neutron measurement capability and capacity through his outstanding design of a state-of-the-art system of neutron guides as well as the associated neutron optical elements used in the instruments that are served by these guides. His guide network, which efficiently transports neutrons from a nuclear reactor to individual neutron instruments, is the heart of a recently-completed 5-year, \$100M expansion of the

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

NIST Center for Neutron Research, and provides essential neutron measurement capabilities to U.S. industrial, academic, and government researchers.

Raghu N. Kacker
David Richard Kuhn

Information Technology Laboratory

National Institute of Standards and Technology

The group is recognized for outstanding technical accomplishments in the development of the first efficient tool for generating high-strength software testing plans, resulting in cost savings and more reliable products. The team's software tools have made widely available a novel methodology called combinatorial testing which enables software developers to generate the smallest number of test cases needed to identify the most critical and elusive software bugs, those caused by interactions among input parameters. Automated Combinatorial Testing of Software (ACTS) is now used by major software companies and many government agencies.

Stephan Schlamminger

Physical Measurement Laboratory

National Institute of Standards and Technology

Dr. Schlamminger is cited for his technical expertise in leading one of the most far-reaching endeavors in the history of metrology—the redefinition of the last remaining artifact standard, the kilogram, in terms of fundamental constants

of nature. This long-awaited success, which relied on the simultaneous execution of some of the world's most exacting measurements of gravity and electrical quantities, has resulted in an entirely new way to define mass, providing the international community with the confidence to enact the most significant revision of the metric system in the past 50 years.

Peter M. Vallone
Erica L. Butts

Material Measurement Laboratory

National Institute of Standards and Technology

The group is honored for their scientific advances in the development of rapid techniques and protocols for the typing of forensic DNA markers. They sparked the field of rapid DNA analysis by reducing the time required for forensic DNA typing from approximately 8 hours to 90 minutes by using novel DNA polymerases and optimized thermal cycling times. Their benchmark methods have been transferred and commercially adopted by manufacturers of human identity testing kits widely used in mass disasters, military operations, and criminal investigations.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY



SILVER MEDAL CUSTOMER SERVICE

Christopher McCowan
Raymond Santoyo

Material Measurement Laboratory

Jolene D. Splett
Chih-Ming "Jack" Wang

Information Technology Laboratory

National Institute of Standards and Technology

The group is recognized for responding to rapid and dramatic increases in global demand for steel products, particularly in developing countries, by providing essential Standard Reference Materials and certification services to an increasingly diverse and large international community of users. The group increased their services, reduced their operating costs, and provided novel options for independent user qualification, allowing more than 1500 customers worldwide to cost-effectively ensure the traceability and reliability of over 130 million tons of steel annually.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



GOLD MEDAL LEADERSHIP

Angela Somma
Dwayne Meadows
Laura Cimo
Nancy Daves
John Carlson

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

The group is honored for international leadership in securing a landmark decision to protect five shark species and all manta rays by listing them under the Convention of International Trade in Endangered Species of Wild Fauna and Flora (CITES). All Parties to CITES voted to regulate trade in these species—the first commercially valuable marine species to be protected by CITES in its 40-year history. Global observance of the new rule benefits U.S. commercial fishermen who previously participated in sustainable harvest while those from other countries profited from not doing so.



GOLD MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Sean Hastings
Karen Reyna
Michael Carver
Lisa Wooninck

National Ocean Service

Jessica Redfern
Monica DeAngelis
Elizabeth Petras

National Marine Fisheries Service

Stephanie Altman

Office of the General Counsel

Trisha Bergmann

Office of International Affairs

National Oceanic and Atmospheric Administration

The group is honored for excellence in collaborating across NOAA, and with the U.S. Coast Guard and the maritime industry, to move shipping lanes away from feeding grounds of endangered whales in four national marine sanctuaries off the coast of California. As a result of this action, the Department has successfully secured international measures that safeguard the complex interdependence of marine ecosystems and the Nation's need for economic growth and development.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Ronald E. Messa, Jr.

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

Special Agent Messa is honored for his successful investigation of a complex international scheme to import and mislabel more than 1,850,000 pounds of Asian shrimp valued over \$12 million. The corporations and individuals involved circumvented U.S. laws by falsely labeling Asian shrimp as shrimp originating from more marketable countries. Four corporations and the owners pled guilty in U.S. District Court. This case sent a strong message that the U.S. Government will aggressively enforce the laws designed to protect the U.S. fishing industry, public health, and consumer confidence.

Paul E. Pegnato

*National Environmental Satellite,
Data and Information Service*

National Oceanic and Atmospheric Administration

Mr. Pegnato is honored for his facility/construction support of major acquisition programs in NESDIS. He managed over \$30 million worth of construction projects and ensured the buildings remained operational for 24/7 needs. In addition, he dealt with a contract award protest and a government shutdown, while finding solutions to complex construction issues and a way to stay on schedule. He worked tirelessly with internal/external customers and suppliers to find solutions that met everyone's needs. His efforts ensured that projects continued to move forward and that they support future satellite programs.



GOLD MEDAL

**SCIENTIFIC/ENGINEERING
ACHIEVEMENT**

Whit Anderson
Gabriel Vecchi
Rusty Benson
Thomas Delworth
Andrew Wittenberg
Keith Dixon
Rich Gudgel
William Stern
Fanrong Zeng
Shaoqing Zhang

Office of Oceanic and Atmospheric Research

National Oceanic and Atmospheric Administration

The group is honored for developing the Forecast-Oriented Global Ocean-Atmosphere-Land-Sea Ice model, the Nation's first high-resolution coupled atmosphere-ocean climate prediction system for seasonal-to-decadal timescales, which vastly improves our ability to represent the processes and phenomena that are crucial to predicting seasonal-to-decadal regional hydrological impacts (such as snow, droughts, and floods) and extremes (such as heat waves and hurricane statistics). This system is now an integral element of the North American Multi-Model Ensemble for Seasonal Prediction.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

John Bates
Jeff Privette
Walter Glance
Nancy Ritchey
Ken Knapp
Drew Saunders
Thomas Karl
Michael Tanner

National Environmental Satellite, Data and Information Service

National Oceanic and Atmospheric Administration

The group is recognized for visionary work in the acquisition, production, and preservation of climate data records (CDRs), which accurately describe Earth's changing environment. The nominees established a new paradigm for research-to-operations with an open and transparent standard that preserves the data and scientific skill needed to operationally produce CDRs in the future. The group secured key climate decision-making assets in perpetuity for the Nation, which can now be freely capitalized on by industry, government, and the public.

Environmental Modeling Center
National Centers for Environmental Prediction
Central Operations
Meteorological Development Laboratory

National Weather Service

National Oceanic and Atmospheric Administration

The organizations are honored for acquiring, implementing, and transitioning to a new operational supercomputing system and

architecture ahead of schedule, saving more than \$5 million. Twenty-five distinct weather, climate, and ocean forecasting models comprising over 3 million lines of software were transitioned while maintaining scientific validity and product quality. At the same time, the operational stability of the prior system was maintained with no impact to worldwide customers utilizing over 800,000 daily products.

Office of Science and Technology
Office of Operational Systems
Office of Climate, Water and Weather Services

National Weather Service

National Severe Storms Laboratory

Office of Oceanic and Atmospheric Research

National Oceanic and Atmospheric Administration

These organizations are honored for developing and implementing Dual-Polarization technology on the Nation's Next Generation Weather Radar network. Excellent collaboration across units produced a model for effective transition of technology from research to operations by a Government agency. This new technology vastly improves weather and warning services for tornados, severe thunderstorms, heavy rain, flash floods, and winter weather and enhances overall support to aviation, public safety, commerce, and key decision makers.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

William G. Pichel
John F. Sapper
Pablo Clemente-Colón

*National Environmental Satellite,
Data and Information Service*

Carven A. Scott
Kathleen A. Cole

National Weather Service

National Oceanic and Atmospheric Administration

The group is recognized for long-term research, development, and demonstration of synthetic aperture radar (SAR) ocean applications leading to operational implementation of the first automated SAR product in NOAA. After 15 years of development and demonstration, SAR high resolution coastal wind products were moved to operations in 2013. These wind products provide unique insight into ocean surface wind variations along complex coastlines, contain new information on storm structure, and support applications such as offshore wind farms, assisting the National Weather Service and other users.

Vijay Tallapragada
Qingfu Liu
William Lapenta
Richard Pasch
James Franklin
Simon Tao-Long Hsiao
Frederick Toepfer

National Weather Service

Sundararaman Gopalakrishnan
Thiago Quirino
Frank Marks, Jr.

Office of Oceanic and Atmospheric Research

National Oceanic and Atmospheric Administration

The group is recognized for development and implementation of an advanced Hurricane Weather Research and Forecast System model for the 2013 hurricane season. The model — operating at 3-km resolution with ocean coupling and inner-core aircraft reconnaissance data assimilation — is the world's highest resolution operational hurricane model and the first dynamic model to demonstrate intensity forecast skill that exceeds statistical models and official National Hurricane Center forecasts. This advance promises the first substantial improvement in hurricane forecasts in more than two decades.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Vasily Titov
Marie Eble
Chris Moore

Office of Oceanic and Atmospheric Research

Lewis Kozlosky
Paul Whitmore
Charles McCreery
Kara Gately
David Walsh
Gerard Fryer
Dailin Wang

National Weather Service

National Oceanic and Atmospheric Administration

The group is honored for bringing the Short-term Inundation Forecasting for Tsunamis (SIFT) system from research to operations. The group constructed foundational tools, developed infrastructure, and verified system efficacy before implementing it as an operational tool at the Tsunami Warning Centers. SIFT forecasts are driven by real-time observations and include information such as numerical estimates of amplitude, travel time, and inundation for critical coastal areas. SIFT's timely and accurate forecasts allow emergency managers to take effective actions that save lives and property.



GOLD MEDAL

CUSTOMER SERVICE

Jason Cope
Edward Dick
Alec MacCall
Chantel Wetzel

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

The team is honored for an innovative approach to conduct fisheries stock assessments that, when compared with the conventional more comprehensive approach, triples the number that can be completed in each cycle and yields more accurate population estimates for stocks with limited data. The increased precision enables higher allowable catch limits for fishermen, creating a direct economic benefit to them and their coastal communities. Further, the Department's mandate to supply science-based catch limits for all species in Fishery Management Plans is advanced.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Weather Forecast Office Norman, Oklahoma

National Weather Service

National Oceanic and Atmospheric Administration

WFO Norman is honored for providing exceptional warnings and decision support services before, during, and after a series of deadly tornadoes and historic flooding in Oklahoma. Their innovative use of social media and detailed forecast briefings to public safety partners gave communities the time and information they needed to prepare and respond. After the storms, forecasters produced tornado track maps for responders, were on the scene for 5 days in the incident command post, and developed special forecasts to help keep thousands of relief and recovery workers safe from ongoing storms.

Chris Wheeler
Kevin Ludlum
Timothy Schmit
Keith McKenzie
Cynthia Hampton
Thomas Renkevans
Yo Kung John Tsui
Eric Madsen
Hyre Bysal

*National Environmental Satellite,
Data and Information Service*

Jennifer Lewis

National Weather Service

National Oceanic and Atmospheric Administration

The group is recognized for outstanding efforts in orchestrating the use of retired geostationary weather satellites for improved coverage of South America. These unique efforts included international agreements, satellite processing research and updates, international training, and satellite operations. This group took what would have been retired satellites and gained an additional 6 years of satellite operations from GOES-10 and the GOES-12 imager and sounders for international and domestic uses.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



SILVER MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Julia “Jolie” Harrison
Megan Ferguson
Jason Gedamke
Sofie Van Parijs
Jay Barlow
Karin Forney

National Marine Fisheries Service

Leila Hatch

National Ocean Service

National Oceanic and Atmospheric Administration

The group is honored for developing internationally recognized, innovative visual representations of human-induced underwater noise impacts on whales and dolphins (i.e., cetaceans), which are annually injured in the thousands, and killed in the hundreds, due to damage to their acute hearing that they use to locate food and one another. CetSound quantitatively characterizes chronic and cumulative noise across large expanses of ocean with cetacean density and distribution data using integrated map overlays for noise levels at multiple frequencies, depths, and spatial/temporal scales.



SILVER MEDAL SCIENTIFIC/ENGINEERING ACHIEVEMENT

Fiona Horsfall
Marina Timofeyeva-Livezey
Jenna Meyers
Barbara Mayes-Boustead
Clinton Rockey
Michael Churma
David Unger
Nicole McGavock
Mike Halpert

National Weather Service

Anthony Arguez

*National Environmental Satellite,
Data and Information Service*

National Oceanic and Atmospheric Administration

The group is honored for conceiving, designing, developing, and implementing the revolutionary Local Climate Analysis Tool (LCAT), which uses trusted data and scientifically-sound analysis techniques, as determined by Science Advisory Teams made up of NOAA and external scientists, to provide rapid responses to stakeholders’ questions on the impacts of local climate variability and change. LCAT enables users to provide decision support to customers in seconds (instead of hours) and provides all relevant statistical output as well as metadata and graphics.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Alexander Ignatov

*National Environmental Satellite,
Data and Information Service*

National Oceanic and Atmospheric Administration

Dr. Ignatov is recognized for the development and implementation of the NOAA web-based Sea Surface Temperature (SST) monitoring system, which monitors quality of satellite radiance and SST data and associated SST field measurements. The NOAA SST system has proved instrumental for identifying available products to users and enabling assessment of data quality in real time by both data providers and users, thus ensuring high quality SST data is delivered to diverse users for a wide variety of weather, climate, and ecosystem research and applications.

Annarita Mariotti
Roger Pulwarty
Martin Hoerling
Chad McNutt

Office of Oceanic and Atmospheric Research

Kingtse Mo
Brian Cosgrove
Jin Huang
Arun Kumar
Michael Ek

National Weather Service

National Oceanic and Atmospheric Administration

The group is honored for outstanding scientific assessment of the origins of the 2012 Central Great Plains Drought. Precipitation deficits May–August 2012 were the most extreme since official measurements began in 1895, eclipsing the driest summers of 1934 and 1936 that occurred at the height of the Dust Bowl. By early September, nearly half the contiguous U.S. was experiencing unprecedented severe drought that official seasonal forecasts in April 2012 did not anticipate. The team’s assessment of causes has helped to identify pathways for improved predictions of future drought events.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



SILVER MEDAL ADMINISTRATIVE/ TECHNICAL SUPPORT

Albert Samuels
Richard Chesler III
Todd Nickerson
Stuart Cory
Jesse Leslie
Shannon Bettridge
Gregory Silber

National Marine Fisheries Service

Duane Smith
Frank Sprtel

Office of the General Counsel

National Oceanic and Atmospheric Administration

The group is honored for partnering with the U.S. Coast Guard on an economical outreach and enforcement program to increase compliance with a 2008 rule to limit vessel speed and reduce collisions with endangered North Atlantic right whales. The program remotely and precisely tracks locations and speeds by intercepting vessels' radio signals. Developed with industry support, a compliance guide and educational letter were distributed at ports to vessel operators. NOAA met its goals in December 2013, with near 100% compliance and no fatalities, and made the rule's provisions permanent.

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



GOLD MEDAL LEADERSHIP

Gary Patrick
Delmon Morrison
Ernesto Cerezo

Office of Spectrum Management

John Giff

Office of the Chief Counsel

Peter Tenhula

Office of the Assistant Secretary

*National Telecommunications
and Information Administration*

The group is recognized for extraordinary leadership in developing and implementing a new transition-planning process for Federal agencies within the short deadlines assigned by the Middle Class Tax Relief Act. The group created tools, established coordination and collaboration groups, and technical panel procedures enabling timely development of Federal agencies' transition plans to repurpose 40 MHz of spectrum for innovative wireless broadband services promoting economic development and facilitating the development of cutting-edge wireless technologies and services.

John Verdi

Office of Policy Analysis and Development

*National Telecommunications
and Information Administration*

Mr. Verdi is recognized for his excellence in successfully leading the first domestic multi-stakeholder policy process. The effort was in support of the White House's Consumer Data Privacy in a Networked World: A Framework for Protecting Privacy and Promoting Innovation in the Global Digital Economy, and showcased the viability of multi-stakeholder processes for Internet policymaking. Companies have adopted or are beginning to implement the developed code of conduct, which has increased confidence in the multi-stakeholder approach and reinforced the Department's commitment to consumer privacy.

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



GOLD MEDAL CUSTOMER SERVICE

Binyam Tadesse
Brian Costello
Clement Townsend
Yu Sheng Chang
Hien Ly
Diem Nguyen

Office of Spectrum Management

*National Telecommunications
and Information Administration*

The Systems Review Branch team is recognized for providing extraordinary customer service, adapting processes in response to a 51% increase in Federal agency requests for spectrum certification of major radiocommunication systems, critical to agency mission requirements. The group, under reduced staff, increased by 88% the number of reviews performed, while maintaining engineering quality and timeliness as Federal requirements for radio technologies, particularly in support of national security, have grown rapidly in parallel with consumer broadband.



SILVER MEDAL LEADERSHIP

Laura Breeden
Karen Hanson
Emy Tseng
Gwendolyn Weaver
Francine Alkisswani
Barry Forbes

*Office of Telecommunications
and Information Applications*

*National Telecommunications
and Information Administration*

The group is recognized for expanding throughout the country our learnings on broadband adoption through a Broadband Adoption Toolkit based on the innovative practices of more than 35 grantees. It addresses the barriers to broadband adoption: access to affordable equipment and service, skills to use broadband, and knowledge of how broadband can improve quality of life. With links to more than 140 documents, tools, and examples, the Toolkit has been distributed by Google, Fiber to the Home, and others, and downloaded more than 7,500 times.

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

Office of Spectrum Management

*National Telecommunications
and Information Administration*

The organization is recognized for extraordinary leadership in identifying a strategic need and applying cross-divisional resources and skills to develop Spectrum.gov, presenting for the first time a public web-based compendium of Federal spectrum use information. This new tool makes available a comprehensive, detailed, up-to-date resource on Federal spectrum use in the spectrum “beachfront” 225 MHz to 5 GHz, giving industry stakeholders and technology developers a clear view of the potential opportunities and obstacles for accessing spectrum for wireless broadband.



SILVER MEDAL

PERSONAL AND
PROFESSIONAL EXCELLENCE

John Morris
Alfred Lee

Office of Policy Analysis and Development

*National Telecommunications
and Information Administration*

Ari Schwartz

National Institute of Standards and Technology

*National Telecommunications
and Information Administration*

The group is recognized for preparing a seminal report outlining methods for incentivizing companies to adopt and improve their cybersecurity practices. The nominees solicited input from key stakeholder companies, trade associations, academics and others through a Notice of Inquiry process. The report, required by E.O. 13636, involved a short 120-day turnaround, and has become the Administration’s leading statement on Cybersecurity Incentives. The report confronted long held rhetoric on this subject and established new ground by dispelling myths and presenting practical recommendations.

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



SILVER MEDAL

CUSTOMER SERVICE

John McFall
Kenneth Taylor
Thomas Grimaldi
David Beckstein
Ronnie Snider
Nathan Vallery
Mark Powell
Gregory Melz

Office of Spectrum Management

*National Telecommunications
and Information Administration*

The group is recognized for providing exceptional service by expeditiously and expertly reviewing, coordinating, and achieving an increase of 23,000 (18%) frequency assignment approvals, meeting timeliness goals under reduced staff. Their efforts enabled users and developers of innovative radio systems access with scarce spectrum resources to meet critical Federal missions, such as national defense, air safety, and law enforcement, and the growing demand for consumer wireless services, facilitating transition in spectrum to meet the President's wireless broadband goals.

NATIONAL TECHNICAL INFORMATION SERVICE



SILVER MEDAL

CUSTOMER SERVICE

Jennifer Hendrickson
Elizabeth Shaw

Office of Federal Services

Cynthia Whitted
Bryant Tolar
Keith Sinner
Padmanabha Hosmane
Leigh Anne Levesque
Ryan Orr
Joshua Foley

Office of the Chief Information Officer

David Ritter

Office of the Chief Financial Officer

National Technical Information Service

The group is honored for stellar flexibility and innovation in support of the One USDA initiative, an enterprise solution integrating staffing and onboarding processes within the Department of Agriculture. The initiative required the NTIS team to focus on innovative thinking and vision to develop an integrated solution for development of One USDA. The deployment of One USDA enterprise initiative delivers operational excellence by delivering improved hiring solutions and outcomes that directly benefit the American people.

OFFICE OF INSPECTOR GENERAL



GOLD MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Jane Mintz

Office of Audit and Evaluation

Office of Inspector General

Ms. Mintz is cited for her commitment and dedication to enhancing quality standards within OIG. She played an integral role in its reviews by overseeing the writing, editing, reviewing, and publication of over 25 reports annually; tracking the issuance and resolution of recommendations; helping staff meet required professional accreditations; and directing OIG's triennial peer review. Her efforts significantly contributed to a high standard of professionalism and organizational excellence that helped OIG achieve its mission and ultimately improved the Department's programs and operations.



GOLD MEDAL ORGANIZATIONAL DEVELOPMENT

Carol N. Rice
Mikhail Batkhan
Shari Bergstein
Melanie Caesar Danberg
Brad Rogers
Peter Sima-Eichler

Office of Audit and Evaluation

Office of Inspector General

The data analytics team is cited for assisting OIG auditors and investigators by providing high-impact data analytics services and strengthening organizational technical capacity. The team's assistance included developing surveys, creating regression models, designing samples, estimating the monetary impact of fraud, waste, and abuse, assisting with investigations, and enhancing the organization's skills through technical training. The team increased the analytic rigor of audit reports and investigations and reduced the time and labor needed to complete projects where data are available.

OFFICE OF INSPECTOR GENERAL



SILVER MEDAL ORGANIZATIONAL DEVELOPMENT

Andrew Katsaros
Rodney Britt
Nhia Cha
Cheryl C. Henderson
Matthew Katz
Jae Kim
LaVina N. Mensah
Linda Ogundipe
Mark Zabarsky

Office of Audit and Evaluation

Benjamin Goldstein

Office of Counsel

Office of Inspector General

The acquisition team is recognized for conducting an audit that highlighted significant Department-wide weaknesses in the Department's awarding and administering of time-and-materials and labor-hour contract. The team performed an in-depth evaluation of the management and oversight of these contract types at NOAA, Census, and NIST. The team's work was instrumental in improving management and oversight of these high-risk contract types.

OFFICE OF THE GENERAL COUNSEL



GOLD MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Melissa Creech
Peter Klason
John Masterson
Barry Robinson

Office of the General Counsel

Gerard Horner

Bureau of Industry and Security

Kenneth White
William Bostic
Nick Orsini

Economics and Statistics Administration

Wendy Frankel

International Trade Administration

Andrew Grotto

Office of Policy and Strategic Planning

Office of the General Counsel

This group is recognized for its key role in the successful development and timely implementation of the International Trade Data System (ITDS), a major Presidential initiative. The ITDS will allow businesses to transmit, through an electronic “single window,” the data required by various U.S. Government agencies to import or export cargo. ITDS will greatly reduce international transactional costs, thereby promoting economic

growth, and enable U.S. law enforcement agencies to more efficiently share trade data on a real-time basis in investigations of potential violations of U.S. trade and export control laws.

Marc Tejtzel
Harry Hill
Hamada Zahawi
Adam Al-Sarraf

Office of the General Counsel

The group is recognized for providing technical expertise that enabled the modernization of Iraq’s domestic laws on international arbitration, convinced the Shura Council to draft an opinion in favor of Iraq joining the Convention on the Settlement of Investment Disputes, and established new commercial courts that have already issued landmark opinions applying Iraqi law to enforce international arbitration decisions. Their work helps signal to investors worldwide that Iraq will respect and enforce the will of the parties in commercial disputes.

UNITED STATES PATENT AND TRADEMARK OFFICE



GOLD MEDAL LEADERSHIP

Edward S. Elliott

Office of Policy and External Affairs

Amalia L. Santiago

Patent Trial and Appeal Board

Brian W. Brown
Pinchus Laufer
Sharmalla K. Coates
Alexander J. Kosowski
Krista M. Zele
Wei Y. Zhen

Office of the Commissioner for Patents

Paul S. Rosenthal
Paul A. Fucito

Office of the Chief Communications Officer

United States Patent and Trademark Office

The group is honored for developing the Patents for Humanity pilot program to reward humanitarian uses of patented technology. The pilot program granted 10 awards in 2013 to large and small entities using patented technology to improve the lives of the world's poor. The program demonstrates how patents are critical to developing innovative, technological solutions to global challenges of the 21st century in food, water, medicine, energy, and living standards.

Donald T. Hajec
Derris H. Banks
Jerry A. Lorengo
Christopher K. Kim
Deborah J. Reynolds
Joel E. Brown
Caroline D. Dennison
James P. Charnley
John J. Salotto

Office of the Commissioner for Patents

Kathryn E. Tindle

Office of the Chief Information Officer

United States Patent and Trademark Office

The group is recognized for their efforts in international cooperation through the successful development of the Cooperative Patent Classification (CPC) system with the European Patent Office and the internal implementation of the CPC within the USPTO. The group successfully represented the interests of the United States in developing the CPC bilaterally. Implementing CPC at the USPTO replaced the current system in existence for over 150 years. CPC benefits over 8,000 USPTO patent examiners and 25,000 patent examiners throughout the world, as well as external customers globally.

UNITED STATES PATENT AND TRADEMARK OFFICE



GOLD MEDAL CUSTOMER SERVICE

Thomas W. Hickok
Christopher G. Doninger

Office of the Commissioner for Trademarks

Yu Lin
Arthi Murugesan

Office of the Chief Information Officer

United States Patent and Trademark Office

The group is recognized for developing a faster and expanded electronic tool to review trademarks published for opposition. The group produced a web-based system that permits tailored searching, downloads, and a variety of additional features meeting user needs better than the previous system. In addition to increased functionality, the new system significantly reduces the time spent to review the four to six thousand marks published in each weekly Trademark Official Gazette, a task that many trademark owners must undertake weekly in order to protect their intellectual property rights.



SILVER MEDAL LEADERSHIP

Shira Perlmutter
Justin Hughes
Michael S. Shapiro

Office of Policy and International Affairs

United States Patent and Trademark Office

The group is honored for exceptional leadership in international copyright negotiations at the Diplomatic Conference on the Marrakesh Treaty to Facilitate Access to Published Works for Persons who are Blind, Visually Impaired, or Otherwise Print Disabled. The group devised an effective legal, policy, and diplomatic strategy that culminated in the conclusion of the landmark Marrakesh Treaty. The Marrakesh Treaty will help reduce the "book famine" that confronts the blind, while maintaining the integrity of the international copyright framework.

UNITED STATES PATENT AND TRADEMARK OFFICE

Irem Yucel
Yvonne L. Eyer
Katherine A. Matecki
Daniel M. Sullivan
Gregory L. Mills
Kimberly M. Kenney
Raul Tamayo

Office of the Commissioner for Patents

United States Patent and Trademark Office

The group is recognized for its leadership in implementing solutions to increase efficiency in the examination process and ultimately reduce the time it takes to issue patents. By partnering with the Patent Public Advisory Committee, the group altered the public discourse on Requests for Continued Examination by engaging the public to solicit their concerns. The feedback coalesced into themes which were the source for innovations in patent examining procedures. The resulting initiatives improved the quality and efficiency of examination, thereby reducing the time for granting a patent.



SILVER MEDAL

PERSONAL AND PROFESSIONAL EXCELLENCE

Deborah A. Stephens
Heather R. Herndon
Donald Levin
Arti K. Shah
Bin Xue
Nelson C. Yang

Office of the Commissioner for Patents

David K. Landrith
Venkata S. Daita
John H. Lau

Office of the Chief Information Officer

Elaine T. Wu

Office of Policy and International Affairs

United States Patent and Trademark Office

The group is honored for the development of the Global Patent Search Network (GPSN), which enables patent examiners and the public to search and retrieve international patent collections via the Internet. The immediate availability of English machine translations minimizes language barriers and allows for quick analysis of the relevancy of the prior art while reducing the need for costly human translation. GPSN provides free, easy access to international patent documentation while improving the quality and comprehensiveness of prior art searches for patent examiners and the public.

*Many thanks to those individuals
who contributed to today's program:*

Incentive Awards Program Manager, Emeritus:

Michael R. Osver

Incentive Awards Program Officers of the Department:

Cheryl Woodard – BIS
John Portell – EDA
Glenn West – ESA
Christina Agoo – ITA
Morgan Fryklund – NIST
Karen Robin – NOAA
Anthony Calza – NTIA
Vicki Buttram – NTIS
Lanetta Gray – OGC
Anne Carper – OIG
Debra Ginther – PTO

Special thanks to:

Richard Houston
Joel Silberman, Soloist
Armed Forces Color Guard
Multimedia Division

