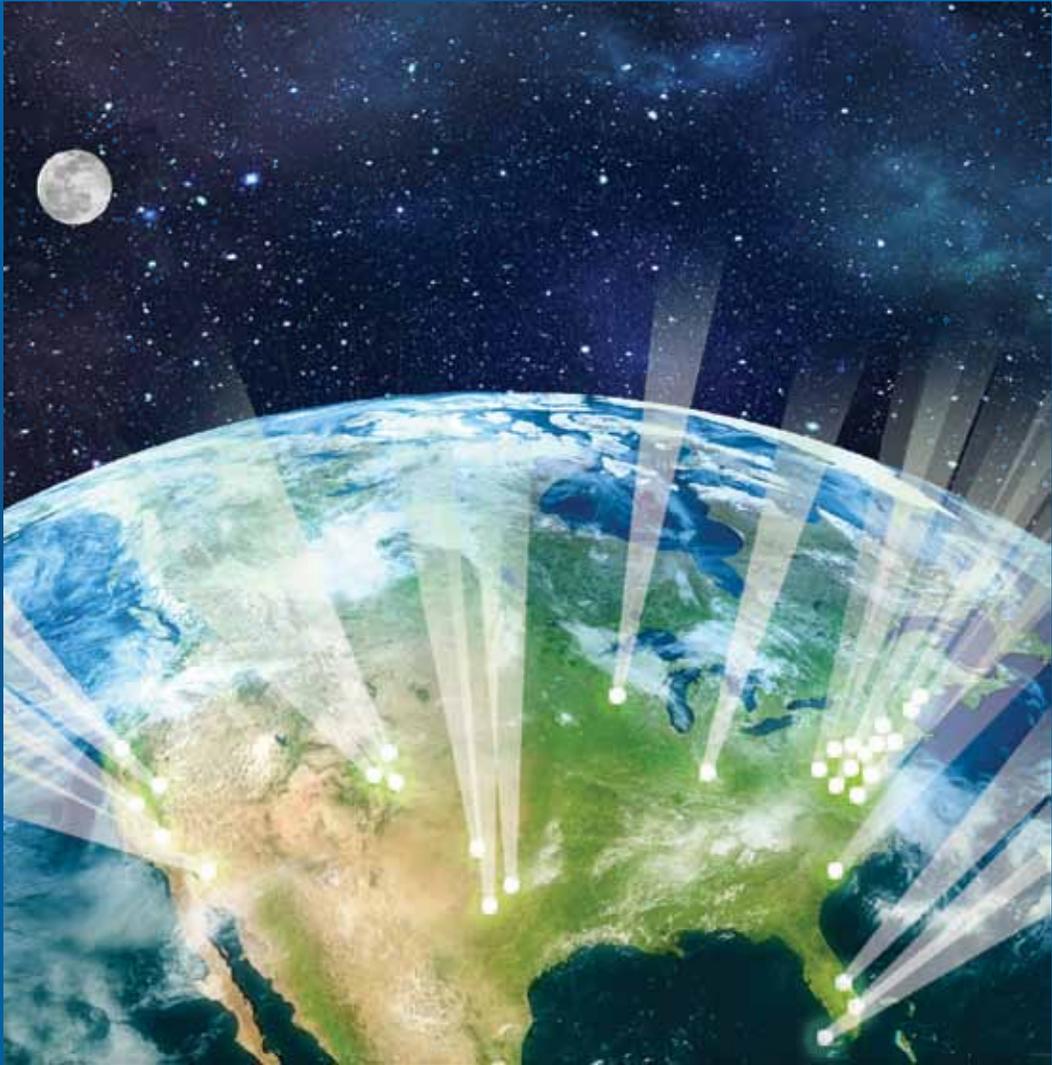


United States Department of Commerce



SIXTY-THIRD ANNUAL

# HONOR AWARDS

PROGRAM



The 30 beams of light depicted on the program booklet cover represent the duty locations of the 304 Department of Commerce employees who were selected from across the country this year to receive Gold and Silver Medals. This image reminds us of how – regardless of our individual geographic locations – the Commerce family works together to serve our Nation.

# SIXTY-THIRD ANNUAL HONOR AWARDS PROGRAM

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

December 13, 2011

INTRODUCTION  
Honorable Rebecca M. Blank  
*Acting Deputy Secretary*

PRESENTATION OF COLORS  
Armed Forces Color Guard

NATIONAL ANTHEM  
Paul Bell

ADDRESS  
Honorable John E. Bryson  
*Secretary of Commerce*

ANNOUNCEMENT OF AWARDS  
Honorable Scott B. Quehl  
*Chief Financial Officer and  
Assistant Secretary for Administration*

PRESENTATION OF GOLD AND SILVER MEDALS  
Secretary Bryson assisted by Department Officials

CLOSING REMARKS  
Honorable Rebecca M. Blank  
*Acting Deputy Secretary*

SOLOIST  
Paul Bell





## MESSAGE FROM THE SECRETARY

Public service is a trust. The men and women of the Department of Commerce report to their offices, their laboratories, and their posts each day committed to doing the best job possible for the American people.

Created over a century ago, the Department of Commerce has among the most varied responsibilities in government. We promote U.S. competitiveness and job creation, develop cutting-edge science and technology and an unrivaled information base, foster economic development and entrepreneurship, monitor and forecast the state of the environment, and protect ocean, coastal, and living marine resources.

Within these broad categories, the work done here by the Department's experienced, talented and dedicated employees contributes to the prosperity, safety, health, and security of our Nation and touches our daily lives in many ways.

Simply put, our mission is to promote economic growth and opportunity.

When we give small companies the tools to find new overseas markets, help protect supplies of vaccines, accelerate patent processing, provide accurate population counts, issue severe weather warnings, or prevent the dissemination of sensitive technologies to those who would harm us, we are creating an environment for growth.

These are among the many accomplishments, including acts of heroism, which we celebrate today.

At a time when our Nation is facing extraordinary challenges, Commerce employees have gone the extra mile to answer the President's call to provide the American people—our customers—with streamlined, efficient, and effective services that will help our citizens and our country win the future.

It is with great pride that I recognize the Department of Commerce's 2011 Honor Awards recipients.

A handwritten signature in black ink that reads "John E. Bryson". The signature is written in a cursive style with a large, looping initial "J".

John E. Bryson





## 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

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## GOLD MEDAL

### PERSONAL AND PROFESSIONAL EXCELLENCE

Philip Kuhn  
Criminal Investigator

Janette Sessa-Ward  
Intelligence Research Specialist

Rick Shimon  
Supervisory Criminal Investigator

#### *Export Enforcement*

Peter Klason  
Senior Counsel

#### *Office of the General Counsel*

#### *Bureau of Industry and Security*

The group is recognized for investigating an individual, who while serving as an incumbent State Senator, was previously convicted for illegally exporting items to China using a third country diversion scheme. Through investigative techniques, the group discovered this convicted former public official's company was violating a denial order. This case resulted in the largest criminal penalty imposed in an Export Denial Order violation case, a \$12.6 million settlement. This was the first time in the history of DOC that the maximum \$250,000 penalty per violation was imposed on a company.

John Johnson  
Lauren Nieland  
Michael Bollinger  
Alan Berkowitz  
Brent Burmester  
Criminal Investigators

Gordon Pomeroy  
Supervisory Criminal Investigator

#### *Export Enforcement*

#### *Bureau of Industry and Security*

The group is recognized for investigating and dismantling complex export diversion networks that sought to acquire sensitive U.S.-origin, dual-use and military items through front companies to customers linked to Iran's WMD and missile programs. In addition to dismantling an Iranian procurement network, this series of investigations resulted in criminal charges against numerous subjects, seizures of money and materials valued at \$2.7 million, 11 additions to the Department of Treasury's Specially Designated Nationals List, and 10 additions to the Department of Commerce's Expanded Entity List.

# BUREAU OF INDUSTRY AND SECURITY

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David Poole  
Stephen LaForest  
Michael Imbrogna  
James Brigham  
Criminal Investigators

*Export Enforcement*

Greg Michelsen  
Senior Counsel

*Office of the General Counsel*

*Bureau of Industry and Security*

The group is recognized for the investigation and dismantling of one of the longest running and most active Iranian procurement networks. The group uncovered a conspiracy to export U.S.-origin items, including aircraft parts and electronic components, from the United States to Iran via the Netherlands, Cyprus, and the United Arab Emirates, without required Government authorization. Through this investigation, numerous individuals and corporations were identified as illegally procuring U.S.-origin goods for Iran resulting in a series of indictments, arrests, and export denial orders.



GOLD MEDAL

HEROISM

Keith Vetreno  
Criminal Investigator

*Export Enforcement*

*Bureau of Industry and Security*

Special Agent Vetreno is recognized for a lifesaving act of heroism. While on an airline he became aware of a medical emergency. He offered assistance to a passenger who was unconscious and seizing. He placed him on the floor, checked his ID and discovered that he was a Customs and Border Protection Officer. He administered oxygen and the officer became fully conscious, complaining of allergic reaction symptoms. He knew the passenger required advanced life support, and advised the pilot to land. The officer was transferred to the hospital. The officer sent Special Agent Vetreno a message stating "I'm a single father of an 18-month-old little girl. . . your actions on that plane allowed me to see my little girl again."

# BUREAU OF INDUSTRY AND SECURITY

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## SILVER MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

James Fuller  
Donald Pearce  
Criminal Investigators

### *Export Enforcement*

Elizabeth Abraham  
Attorney Advisor

### *Office of the General Counsel*

### *Bureau of Industry and Security*

The group is recognized for the investigation and successful criminal prosecution in the PPG Industries, Inc. case. The group discovered that PPG illegally exported high-performance coatings to the Pakistan Atomic Energy Commission (PAEC), a listed sanctioned entity, by way of a third-party distributor in the People's Republic of China. As a restricted end-user, the shipments to a nuclear reactor under the PAEC's control required a license from BIS. The case's combined \$3.75 million in criminal and civil fines represent one of the largest monetary penalties for export violations in the history of the U.S. Department of Commerce.

Mark Webber  
Senior Export Policy Analyst

Chantal Lakatos dealcantar  
Export Policy Analyst

Steven Clagett  
Supervisory Export Policy Analyst

Alexander Lopes  
Director, Office of Nonproliferation and  
Treaty Compliance

Christine Muchanic  
Special Assistant

### *Export Enforcement*

### *Bureau of Industry and Security*

The group is recognized for its extraordinary achievement in advancing the President's strategic agenda with India. The team provided critical economic, trade, and international security analyses necessary for the implementation of major collaborative efforts in nonproliferation, export controls, and high technology trade. The team's efforts ensured a successful Presidential trip to India and have helped to set the tone for a reinvigorated U.S.-India strategic relationship.

# ECONOMICS AND STATISTICS ADMINISTRATION

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## GOLD MEDAL LEADERSHIP

Fernando Armstrong  
Regional Director, Philadelphia

Betty Moohn  
Willette Allen  
Supervisory Program Analysts

David Wycinsky  
Program Manager

Emma V. Burke  
Curtis Zunigha  
Program Analysts

Carol Foley  
Information Services Specialist

Sara Rosario-Nieves  
Human Resources Specialist

*U.S. Census Bureau*

### *Economics and Statistics Administration*

The group is recognized for extraordinary leadership in the development, planning and implementation of the 2010 Census partnership program, which engaged more than 257,000 national and local organizations as active Census partners, urging their constituents to participate in the 2010 Census. These organizations contributed more than \$1.2 billion in value-added contributions to the overall Census effort, at minimal cost to the Federal

government, through donated space and localized engagement campaigns. Regional staff conducting this program had linguistic capabilities in 146 languages.

Arnold Jackson  
Associate Director for Decennial Census

Marilia Matos  
Associate Director for Field Operations

Daniel Weinberg  
Assistant Director for American Community  
Survey and Decennial Census

Frank Vitrano  
Chief, Decennial Management Division

David Whitford  
Chief, Decennial Statistical Studies Division

Timothy Trainor  
Chief, Geography Division

Michael Thieme  
Chief, Decennial Automation Contract  
Management Office

Brian Monaghan  
Chief, Field Division

Dennis Stoudt  
Assistant Division Chief, Decennial Systems  
and Contract Management Office

*U.S. Census Bureau*

### *Economics and Statistics Administration*

This group is recognized for its demonstrated creativity, flexibility, resilience, motivation,

# ECONOMICS AND STATISTICS ADMINISTRATION

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strategic thinking, collaboration, innovation and leadership in executing a multi-year initiative to modernize, reengineer and complete the 2010 Census. This major feat was accomplished on schedule, under budget and within targeted quality levels, resulting in more than \$1.87 billion in operational savings, despite the challenges and obstacles along the way. These savings represent more than 25 percent of the total funding allocated by Congress in FY 2010.

Steven Jost  
Associate Director for Communications

Burton Reist  
Assistant Director for Communications

Tim Olson  
Special Assistant

Kendall Johnson  
Acting Division Chief, Customer Liaison and  
Marketing Services Office

Adrienne Oneto  
Assistant Division Chief, Content and  
Outreach

Tasha Boone  
Special Assistant, Associate Director for  
Communications

Raul Cisneros  
Assistant Division Chief, Public Information  
Office

Stephen Buckner  
Division Chief, Census 2010 Publicity Office

James L. Dinwiddie  
Assistant Division Chief, Decennial  
Management

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for developing and implementing a \$370 million integrated communications campaign that achieved the goals of the 2010 Census and generated a 74 percent mail-in response rate. This campaign focused on targeting historically hard-to-count audiences to help ensure a complete count. This group managed three separate, yet integrated, communication phases – Awareness, Motivation, and Nonresponse Follow-Up – over three years, involving multiple Census directorates, a prime contractor and 14 key subcontractors.

Mark E. Wallace  
Chief, Service Sector Statistics Division

Donna L. Hambric  
Assistant Division Chief, Current Services  
and Transportation Programs

Diane C. Roebuck  
Douglas K. Hallam  
Supervisory Information Technology  
Specialists

Lisa E. Donaldson  
Ronald W. Farrar  
William R. Samples  
Supervisory Survey Statisticians

# ECONOMICS AND STATISTICS ADMINISTRATION

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William C. Davie, Jr.  
Chief, Program Research and Development  
Branch

Edward Bates, Jr.  
Assistant Division Chief, Current Economic  
Surveys Systems Production

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for providing vital new statistics to public and private data users from the Quarterly Services Survey and the Service Annual Survey concerning the health care, transportation and financial sectors of the U.S. economy, which account for 25 percent of the U.S. Gross Domestic Product (GDP). These data enable better-informed business decisions and public policies. This major advance improves GDP and business productivity measures, as these sectors drive the technological change and productivity that shape near-term business cycles as well as long-term sustainable economic growth.



GOLD MEDAL

SCIENTIFIC/ENGINEERING  
ACHIEVEMENT

Maria Borgia  
Chief, Research Branch, Balance of  
Payments Division

Daniel Yorgason  
Chief, Methodology and Special Studies  
Branch, Balance of Payments Division

Diane Young  
Chief, Operations Systems and Analysis  
Branch, Direct Investment Division

Carole Henry  
Brent Spithaler  
Information Technology Specialists

David Galler  
Chief, Direct Investment Division

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

This group is cited for developing and implementing a new, high-performance system for ensuring published statistics of multinational companies do not compromise respondent confidentiality. The system introduced more statistically sound and consistent methodologies, substantially reduced processing time (by over two-thirds), and introduced both better analytic tools and IT programming methods. Their efforts resulted in improved quality and reliability as well as faster delivery of statistics to users.

# ECONOMICS AND STATISTICS ADMINISTRATION

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## GOLD MEDAL

### ADMINISTRATIVE/TECHNICAL SUPPORT

George Barnett  
Supervisory Human Resources Specialist

Robert Heitmann  
Laurie Dalsgaard  
LaVonne Lewis  
Workers Compensation Specialists

Katherine Mattingly  
Justine Ameral  
Safety and Occupational Health Specialists

Rose Cooper  
Program Specialist

*U.S. Census Bureau*

#### *Economics and Statistics Administration*

The group is honored for establishing the Census Bureau's first Workers Compensation Cost Containment Program. Collaborating with the Department of Labor, they developed new tools and innovative procedures designed specifically to address the needs of organizations employing large, temporary, geographically-dispersed workforces. The Census model is now being touted by the Department of Labor as a "best practice" and has been adopted by other Federal agencies. To date, their work has generated over \$90 million in direct cost savings or cost avoidance for the Department of Commerce.

Alessandro Rebaudengo  
Program Manager

Jeffery T. Seibert  
Cherie L. Minger  
Supervisory Information Technology  
Specialists

Sarah A. McGuigan  
Ruchir Joshi  
Donald E. Badrak II  
Information Technology Specialists

*U.S. Census Bureau*

#### *Economics and Statistics Administration*

The group is honored for outstanding technical support and the development, testing, and deployment of a highly innovative hardware solution for the Decennial Applicant, Personnel and Payroll System (DAPPS), in support of critical 2010 Census field operations. This architecture increased the processing capabilities for DAPPS and provided new technology solutions for future Census endeavors. Aside from the technological advancement, the group's accomplishment constituted a major achievement in customer service, as the new system was deployed without downtime and negative impact to stakeholders.

# ECONOMICS AND STATISTICS ADMINISTRATION

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## SILVER MEDAL LEADERSHIP

David Hackbarth  
Chief, National Processing Center

Carlene Bottorff  
Assistant Division Chief, Administration

Angela Feldman-Harkins  
Assistant Division Chief, Processing

Karen Silloway  
Assistant Division Chief, Teleprocessing

Alfred R. Davis  
Assistant Division Chief, Technology and  
Support

Edmond Jarrell  
Assistant Division Chief, Decennial  
Operations

*U.S. Census Bureau*

### *Economics and Statistics Administration*

The group is recognized for designing a flexible and resilient staffing model to manage 5,500 workers. Assignments were easily adjusted to match changing workloads of 29 planned tasks and 12 unplanned tasks, resulting in a 16 percent reduction in staff from the 2000 Census. In addition, the group re-engineered the kit assembly process, improving productivity by more than 400 percent over the 2000 Census. The group acquired 600,000 sq. ft. of space to co-locate all printing, shipping,

receiving, warehousing, and kit assembly activities and incorporated conveyor technology to expedite kit assembly.

Demetria Hanna  
Staff Accountant

Daniel Huh  
Supervisory Information Technology  
Specialist

Brandi Maxson  
Mark Sands  
John Seabold  
Supervisory Survey Statisticians

Jeffrey Mayer  
Chief, Company Statistics Division

Terry Pennington  
Supervisory Mathematical Statistician

Marcy Reda  
Laura Schmitz  
Survey Statisticians

MariElyn Reisdorf  
Mathematical Statistician

*U.S. Census Bureau*

### *Economics and Statistics Administration*

The group is recognized for successfully expanding the coverage of the Quarterly Financial Report (QFR), a principal economic indicator, beyond the program's past focus on manufacturing, mining, and trade to include key service industry sectors:

# ECONOMICS AND STATISTICS ADMINISTRATION

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the information sector and the professional, scientific, and technical (except legal) services sector. Over a three-year period, the group designed and implemented all processing changes required to produce and publish the new statistics, without disrupting ongoing production of the QFR or increasing funding.

David K. Henry  
Commodity Industry Specialist

*Office of Policy Development*

*Economics and Statistics Administration*

Mr. Henry is recognized for leadership and initiative for working independently to develop estimates of carbon dioxide emissions for 349 industries, the government and the household sector. Mr. Henry's analysis showed changes in carbon dioxide emissions intensity over time in these economic sectors, providing timely insight into the relationship between economic activity and the production of carbon dioxide, a greenhouse gas.



SILVER MEDAL

PERSONAL AND  
PROFESSIONAL EXCELLENCE

Patricia McGuire  
Program Manager

*U.S. Census Bureau*

*Economics and Statistics Administration*

Ms. McGuire is honored for leading the re-plan and recovery of the Field Data Collection Automation (FDCA) program after critical failures and projected cost overruns severely threatened the implementation of the 2010 Census. As a critical leader in this time of crisis for the Census, Ms. McGuire brought an extraordinary skill set to the task of turning this precarious contract around, helping to save the taxpayer over \$400 million while meeting technical, schedule, and quality requirements.

Elva Marie Pees  
Information Technology Specialist

*U.S. Census Bureau*

*Economics and Statistics Administration*

Ms. Pees is recognized for improving the accuracy of the 2010 Census and in ensuring the timely delivery of the apportionment results to the President. As a result of her efforts, the overall accuracy of Census was improved, ensuring that decisions related to apportionment of seats in Congress and the disbursement of Federal funds are based on information that is more reflective of the population as a whole.

# ECONOMICS AND STATISTICS ADMINISTRATION

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SILVER MEDAL

SCIENTIFIC/ENGINEERING  
ACHIEVEMENT

Alan Berlinger  
Mark Matsko  
Program Managers

Glenn S. Wolfgang  
Mathematical Statistician

Mike Cardella  
Statistician

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for designing and deploying automated systems and tools that rapidly identified data capture and respondent errors many times faster than the traditional, manually intensive methods. This included an IV&V Production Data Quality (PDQ) system, which validated and verified data quality in real time, resulting in a 32-fold increase in efficiency over previously used manual techniques. For the first time, Census simultaneously ran production operations and performed data quality evaluations in parallel, contributing to the highest paper data accuracy rates to date.

Robert Kornfeld  
Deputy Chief, National Income and Wealth  
Division

Bonnie Retus  
Economist

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is recognized for collaborating with staff at the Centers for Medicare and Medicaid Services to complete a full reconciliation of two widely cited measures of health care spending – from the National Health Expenditures Accounts and from the Gross Domestic Product statistics – to facilitate analysis and policy making. This three-year effort, which went well beyond previous work in terms of scope and detail, supports BEA's strategic plan goal to integrate BEA's data with other Federal statistics and to provide users with improved health sector data.

# ECONOMICS AND STATISTICS ADMINISTRATION

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## SILVER MEDAL CUSTOMER SERVICE

Carol Aristone  
Mayumi Escalante  
Statisticians

Selina Ferguson  
Theresa Gordon  
Kiesha Pickeral  
Kenneth Soo  
Rosanna Torres  
Survey Statisticians

Richard Preuss  
Supervisory Survey Statistician

### *U.S. Census Bureau*

Doug Barry  
Trade Specialist

### *International Trade Administration*

Kirsten Mortimer  
Trade Specialist

### *Bureau of Industry and Security*

### *Economics and Statistics Administration*

The group is being recognized for their creativity and innovation for developing educational tools making exporting easier for thousands of U.S. businesses, many of them small and midsized. In a year-long effort that featured collaboration among Commerce agencies with export promotion and statistical responsibilities, the group produced 20 instructional videos

and a Pilot Blog to help overcome the mistaken public perception that exporting is too risky, complex or reserved only for large companies. The tools arrived in time to complement the President's National Export Initiative.

Steve Holliday  
Chief, Office of Applications Development

James H. Kim  
Editor-in-Chief

Alexander Minor  
Web Manager

Jennifer B. Tran  
Paul A. Kilday  
Information Technology Specialists

Kenneth Pond  
Web Specialist

### *Bureau of Economic Analysis*

### *Economics and Statistics Administration*

The group is recognized for superior customer service for creating a new interactive Web-based tool. The tool allows BEA customers to access, visualize, share and interpret BEA data in innovative new ways. This new framework facilitates data use and sharing via social media tools and also lays the foundation of easily delivering future customer service enhancements. The group is recognized for consolidating several programs into one tool with a unified look and feel across BEA's Web pages.

# INTERNATIONAL TRADE ADMINISTRATION

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## GOLD MEDAL

### PERSONAL AND PROFESSIONAL EXCELLENCE

#### Advocacy Center Team

*Trade Promotion and the U.S. and Foreign  
Commercial Service*

*International Trade Administration*

The organization is recognized for its efforts to support the President's National Export Initiative by increasing overall interagency advocacy on behalf of U.S. business interests competing against foreign firms for international contracts or other U.S. export opportunities. The Advocacy Center coordinated U.S. Government efforts across 20 agencies and 5 multilateral development banks leading to 46 of their clients winning contracts valued at \$18.7 billion in U.S. export content, supporting 101,000 U.S. jobs in 2010.

#### China Subsidies WTO Dispute Team

*Import Administration*

*International Trade Administration*

The organization is recognized for its work in a high-profile WTO dispute defending various U.S. determinations applying the countervailing duty law to China. The team provided superior legal drafting, oral presentation, evidentiary analysis, and policy guidance during this two-year dispute, and secured an overwhelming victory with a WTO panel decision affirming

key aspects of the U.S. countervailing duty law. The team advanced key Department goals by helping to ensure the ability of U.S. industries to receive relief through the unfair trade laws from subsidized Chinese exports.

#### Hong Kong Wine Team

*Market Access and Compliance  
Trade Promotion and the U.S. and Foreign  
Commercial Service  
Manufacturing and Services*

*International Trade Administration*

The organization is recognized for representing MAC, CS, and MAS for initiating discussions with the Hong Kong Government on improving market access and market opportunities for U.S. wine and wine-related product and service exporters. In addition, the organization is recognized for leading U.S. consultations with the Hong Kong Commerce and Economic Development Bureau (HKCEDB) to draft and inaugurate a bilateral "U.S.-Hong Kong Memorandum of Understanding on Cooperation in Wine-Related Businesses," signed by Secretary Locke in Hong Kong on May 17, 2011.

# INTERNATIONAL TRADE ADMINISTRATION

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Susan Kuhbach  
Senior Director, AD/CVD Enforcement  
Office 1

Gregory Campbell  
Supervisory Import Policy Analyst

Christopher Cassel  
Senior Import Policy Analyst

Timothy Hruby  
Import Policy Analyst

Albert Hsu  
International Economist

## *Import Administration*

Frederick Elliott  
International Trade Specialist

## *Manufacturing and Services*

Robert Heilferty  
Associate Chief Counsel

Mathew Walden  
Senior Attorney

## *Office of the General Counsel*

## *International Trade Administration*

The group is recognized for defending the interests of the U.S. aerospace industry and its workers in two high-profile WTO disputes involving subsidies. The team provided superior policy and legal guidance which helped secure important victories in both the U.S. case against harmful EU Member State subsidies to Airbus, and mitigate the EU case against alleged U.S. state and

Federal government subsidies to Boeing. The team helped to ensure the ability of a vital U.S. export sector to compete fairly in the global marketplace.



## SILVER MEDAL

## PERSONAL AND PROFESSIONAL EXCELLENCE

Bruce Harsh  
Supervisory International Trade Specialist

Russell Adise  
Richard Boll  
Dan Keenaghan  
John Miller  
International Trade Specialists

## *Manufacturing and Services*

## *International Trade Administration*

The team is recognized for its dedication, expertise, and skills in policy development, interagency coordination, and stakeholder outreach. The team worked with the Department of Transportation and stakeholders to develop a new, competitiveness-oriented freight policy, which led directly to innovative provisions in the 2011 Surface Transportation Bill. These strategic, comprehensive freight system improvements will expand U.S. trade flows and are expected to reduce national freight congestion costs by \$200 billion per year.

# NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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GOLD MEDAL  
LEADERSHIP

David A. Wollman  
Supervisory Physical Scientist

Paul A. Boynton  
Electrical Engineer

Gerald J. FitzPatrick  
Supervisory Electronics Engineer

Allen R. Hefner, Jr.  
Electronics Engineer

*Physical Measurement Laboratory*

Nada T. Golmie  
Supervisory Computer Engineer

Marianne Swanson  
Supervisory Information Technology  
Specialist

*Information Technology Laboratory*

David G. Holmberg  
Mechanical Engineer

*Engineering Laboratory*

Dean E. Prochaska  
Operations Research Analyst

*Office of Special Programs*

*National Institute of Standards and  
Technology*

Shannon L. Fraser  
Heidi C. Hijikata  
International Trade Specialists

*International Trade Administration*

*National Institute of Standards and  
Technology*

The group is recognized for its comprehensive, timely response to an urgent national need – accelerated development of interoperability standards for a modern electric grid, strengthened competitiveness, and export opportunities. The public-private partnership the group established is an international focal point for coordinating Smart Grid standards development, with 650 organizations from 22 stakeholder communities involved. The group also released the first Smart Grid Framework and Roadmap, which contains 75 recommended standards and plans to fill critical gaps.

# NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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GOLD MEDAL

SCIENTIFIC/ENGINEERING  
ACHIEVEMENT

Deborah S. Jin  
Jun Ye  
NIST Fellows

*Physical Measurement Laboratory*

*National Institute of Standards and  
Technology*

The group is recognized for leading the world's first and best fundamental research on ultracold molecules and ultracold chemistry, with potential for a wide variety of research and applications crucial to the Department and the Nation. The group pioneered the production of ultracold molecules – just billionths of a degree above absolute zero – and for the first time in the world precisely measured and controlled the chemical reactions of ultracold atoms, where the strange properties of quantum mechanics dominate.

Daniel W. Lozier  
Marjorie A. McClain  
Frank W. J. Olver  
Bonita V. Saunders  
Mathematicians

Brian Antonishek  
Computer Scientist

Ronald F. Boisvert  
Division Chief, Applied and Computational  
Mathematics Division

Bruce R. Miller  
Physicist

Abdou S. Youssef  
Computer Scientist

*Information Technology Laboratory*

Charles W. Clark  
NIST Fellow

*Physical Measurement Laboratory*

*National Institute of Standards and  
Technology*

The group is recognized for the development of the online Digital Library of Mathematical Functions, and for its book version, the *NIST Handbook of Mathematical Functions*. These tools provide researchers in all branches of science essential information needed to utilize the special functions of applied mathematics, which are ubiquitous in mathematical modeling and simulation. Its unique online presentation extends into the 21st century the legacy of the 1964 *Handbook of Mathematical Functions*

# NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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(Abramowitz and Stegun, eds.), NIST's most widely distributed and cited publication of all time.

Sae Woo Nam  
Physicist

*Physical Measurement Laboratory*

*National Institute of Standards and  
Technology*

Dr. Nam is recognized for enabling breakthrough advances in ultra-secure quantum communication and quantum metrology by developing the world's best single photon detectors and the only practical detectors capable of counting single units of light. These detectors achieve nearly 100 percent quantum efficiency – the best of any in their class – and operate at the commercially important telecommunications wavelengths. These breakthrough tools have already enabled researchers to set world records for absolutely secure communication of secret quantum keys over long distances.



SILVER MEDAL

SCIENTIFIC/ENGINEERING  
ACHIEVEMENT

Jason D. Averill  
Fire Protection Engineer

*Engineering Laboratory*

*National Institute of Standards and  
Technology*

Mr. Averill is recognized for establishing the technical basis for fireground deployment. This was the first scientific study comparing the relative suppression and rescue effectiveness for different crew sizes and arrival times, involving over 60 full-scale fire and response experiments and hundreds of firefighters. A toolkit was developed, which provided critical information for NFPA 1710/1720 (national standards for fire service deployment), was downloaded thousands of times, and was used as a primary basis for science-based decision-making at the local level by hundreds of communities.

Talapady N. Bhat  
Research Chemist

*Materials Measurement Laboratory*

*National Institute of Standards and  
Technology*

Dr. Bhat is recognized for developing Chem-BLAST, a software tool that allows researchers to search databases to identify new candidate drug molecules. Most drugs

# NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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act by binding to large protein molecules in specific ways, and identifying potential drug molecules is challenging. Chem-BLAST makes it easy to search large databases to find effective compounds. This is essential in drug development because it helps scientists understand particular drug classes and helps to identify new molecules that may be more effective, less costly and safer as therapeutics for diseases, such as cancer and AIDS.

Scott A. Diddams  
Physicist

*Physical Measurement Laboratory*

*National Institute of Standards and  
Technology*

Dr. Diddams is recognized for leading a world-class research program on precision measurement using laser frequency combs for a wide variety of applications critical to the Department and the Nation. Dr. Diddams's many accomplishments include enabling the development of the world's most accurate atomic clocks, developing methods for quickly identifying and measuring molecules for applications from homeland security to climate monitoring, and new methods for searching for planets on distant stars.

Nathan R. Newbury  
Ian R. Coddington  
William C. Swan  
Physicists

*Physical Measurement Laboratory*

*National Institute of Standards and  
Technology*

The group is recognized for pioneering ultra-precise measurement tools based on fiber-laser frequency combs for LIDAR and spectroscopy. The LIDAR tool is capable of pinpointing multiple objects with nanometer precision in real time over distances up to 100 kilometers, a significant breakthrough with potential applications ranging from precision manufacturing lines to maintaining satellite networks in perfect formation. The novel spectroscopy tool provides rapid, hertz-level accuracy of a full complex molecular spectrum for climate change science and other applications critical to the Nation.

Antonio M. Possolo  
Chief, Statistical Engineering Division

Blaza Toman  
Mathematical Statistician

*Information Technology Laboratory*

Pedro I. Espina  
Mechanical Engineer

*Program Coordination Office, Director's  
Office*

# NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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Michael R. Moldover  
NIST Fellow

Aaron N. Johnson  
Mechanical Engineer

John D. Wright  
Supervisory Mechanical Engineer

*Physical Measurement Laboratory*

*National Institute of Standards and  
Technology*

The group is recognized for its exceptional dedication and technical achievements in support of the Federal Government's response to the Deepwater Horizon Oil Spill. These experts in flow metrology and statistics supported efforts by NOAA and the National Incident Command's Flow Rate Technical Group to develop a comprehensive estimate of the amount of oil leaking from the damaged wellhead. This group provided critical uncertainty estimates, which were integral to senior government officials and the National Incident Commander in leading the Federal Government's response efforts.

Craig I. Schlenoff  
Supervisor Mechanical Engineer

Anthony J. Downs  
Brian A. Weiss  
Mechanical Engineers

Frederick M. Proctor  
Supervisory Electronics Engineer

Ann M. Virts  
Electrical Engineer Technician

*Engineering Laboratory*

Emile Morse  
Gregory A. Sanders  
Computer Scientists

Michelle Potts Steves  
Information Technology Specialist

*Information Technology Laboratory*

*National Institute of Standards and  
Technology*

The group is honored for leading a multi-organization team that developed innovative metrics and evaluation techniques for characterizing the performance of Middle Eastern speech translation systems in military field operations. They designed and implemented seven week-long test events with native speakers and U.S. soldiers, fully instrumenting and measuring all conversations. Analysis of resulting data accelerated technology readiness and led to 200 proven units being deployed to Afghanistan ahead of schedule, improving

# NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

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communication and strengthening relationships with the local population.

Gregory F. Strouse  
Acting Division Chief, Temperature,  
Pressure, and Flow Metrology Division

Michal J. Chojnacky  
Physicist

*Physical Measurement Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for dramatically improving vaccine storage, handling, and monitoring by solving cold-chain management problems. Vaccine storage temperature is critical for maintaining drug potency, yet as many as one-third of the world's delivered vaccines are lost due to unmanaged temperature deviations. The group evaluated the CDC cold-chain management system under conditions that replicate everyday practices of vaccine providers, and their recommendations are transforming cold-chain practices throughout the immunization community to ensure every child receives effective vaccines.

Grady S. White  
Physicist

Sudook A. Kim  
Materials Research Engineer

*Material Measurement Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for providing critical data leading to new practices for acceptance testing of electronic components used in active implantable medical devices, such as pacemakers and internal cardiac defibrillators. In collaboration with the medical device industry, the group analyzed extensive failure analysis data and evaluated components at various stages of manufacture. NIST efforts resulted in a paradigm shift in acceptance testing, away from expensive, time-consuming component-level tests toward rapid 100 percent NDE of assembled electronics.

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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GOLD MEDAL

PERSONAL AND  
PROFESSIONAL EXCELLENCE

*National Oceanic and Atmospheric  
Administration*

NOAA is recognized for its exemplary service to the Nation during the response to the Deepwater Horizon catastrophe. NOAA mobilized a large cadre of assets across the agency to provide the science and services needed to protect the health and the economy of the Gulf region. Given the magnitude of NOAA's Gulf response, it is especially noteworthy that NOAA continued to achieve its normal mission with minimal disruption during the nearly six months of the intense response effort. NOAA's people demonstrated extraordinary and selfless dedication to service and science during this national crisis.



GOLD MEDAL

SCIENTIFIC/ENGINEERING  
ACHIEVEMENT

Thomas Knutson  
Morris Bender  
Stephen Garner  
Isaac Held  
Joseph Sirutis  
Meteorologists

Shian-Jiann Lin  
Physical Scientist

Gabriel Vecchi  
Oceanographer

*Office of Oceanic and Atmospheric  
Research*

James Kossin  
Meteorologist

*National Environmental Satellite, Data, and  
Information Service*

Christopher Landsea  
Science and Operations Officer

*National Weather Service*

*National Oceanic and Atmospheric  
Administration*

The group is recognized for sustained high-quality research, scientific assessment and leadership resulting in an improved understanding of the impact of anthropogenic climate change on past and future hurricane activity. Through

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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outstanding observational analyses, creation of key observed data sets, development of innovative modeling techniques for hurricane/climate simulation, and leadership in scientific assessments of hurricanes and climate change, this group of NOAA scientists has provided unique and exemplary service to the field of climate change science.

## Radar Research and Development Division

### *Office of Oceanic and Atmospheric Research*

### *National Oceanic and Atmospheric Administration*

The organization is honored for scientific and engineering excellence in converting complex military technology to a civilian weather radar. Rapid scanning phased array radar can increase warning lead times resulting in saved lives and property by observing rapidly evolving weather phenomena that can be missed by our current weather radars. The richer data set provided by phased array radar is also being used to initialize storm scale models that are required to move from a “warn-on-detection” to a “warn-on-forecast” environment potentially leading to even greater warning lead times.

John Ramsdell  
Supervisory Research Physiologist

### *National Ocean Service*

### *National Oceanic and Atmospheric Administration*

Dr. Ramsdell is recognized for advancing DOC's Environmental Stewardship and Protection of Ocean Resources by research to link epilepsy in a human subject and hundreds of sea lions to an algal toxin. This work expanded recognition of our Oceans and Health through a AAAS Press Conference, a NPR broadcast “Toxin Triggers Epilepsy in Sea Lions and Humans,” the NOS website “Harmful Algal Blooms & Human Epilepsy,” and podcasts and publication of a research article, a commentary to the medical community and a review article of impact to the CINMS with implication for disease in whales and dolphins.

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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GOLD MEDAL

HEROISM

NOAA Ship *Thomas Jefferson*

*Office of Marine and Aviation Operations*

*National Oceanic and Atmospheric  
Administration*

NOAA Ship *Thomas Jefferson* is honored for saving Mr. Lakowski, after his Cessna 172 lost power and crashed in the water 17 miles north of Key West, Florida. The vessel was conducting mapping surveys west of Key West, Florida on the evening of August 14, 2010, when they heard a radio report from the U.S. Coast Guard that a small plane with one person on board had crashed, approximately 30 miles north of them. The *Thomas Jefferson* immediately broke operations and headed toward the crash site, ultimately locating and leading to the successful rescue.



SILVER MEDAL

LEADERSHIP

John T. Bradshaw

Chief, Meteorological Services Branch

*National Weather Service*

*National Oceanic and Atmospheric  
Administration*

Mr. Bradshaw is honored for his outstanding leadership and innovation in establishing a model NWS Regional Operations Center (ROC). His efforts have led to enhanced NWS decision support to FEMA and the State of Texas. The operational standards he instituted have been employed by NWS National Headquarters and other Regional Headquarters in establishing equivalent operational concepts that have been widely recognized by both state and Federal disaster-response agencies.

Don W. Hillger

Timothy J. Schmit

Meteorologists

*National Environmental Satellite, Data, and  
Information Service*

*National Oceanic and Atmospheric  
Administration*

The group is recognized for providing outstanding leadership to revolutionize NOAA Science Tests for geostationary satellites. Their efforts ensure GOES

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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data and products meet the strict specifications needed for operational analysis and forecasting within 24 hours of being activated in the event one of the operational GOES satellites fails. Prior to their work, the activation could take 4-7 weeks. The value of their work is estimated to be \$5-10 million per satellite based upon an additional month of operational data production.



SILVER MEDAL

PERSONAL AND  
PROFESSIONAL EXCELLENCE

Irma Lagomarsino  
Steven Edmondson  
James Simondet  
Supervisory Fisheries Management  
Specialists

Brian Cluer  
Joseph Dillon  
Physical Scientists

David K. White  
Hydrologist

*National Marine Fisheries Service*

Dan Hytrek  
Attorney Advisor

*Office of the General Counsel*

*National Oceanic and Atmospheric  
Administration*

The team is recognized for negotiating the Klamath Basin Restoration Agreements that drew national attention as models of successful multiparty negotiations for water allocations. Involving 26 entities, including Federal, state and local agencies, Tribes, irrigators, and conservation and fishing groups, the Agreements provide reliable water supplies for irrigators and water rights assurances to Tribes. Further, access to over 300 miles of habitat for salmon species will be provided by the removal of four dams, the largest dam removal project in U.S. history.

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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Northeast Regional Office  
Northeast Fisheries Science Center

*National Marine Fisheries Service*

*National Oceanic and Atmospheric  
Administration*

The team is recognized for creating a paradigm shift in the management regime of Northeast groundfish fisheries by encouraging New England fishermen to collaborate in groups or sectors and manage their operations to maximize profits but not exceed catch quotas required to rebuild over-fished stocks and sustain healthy ones. Working with the fishing industry, communities, and the New England Fishery Management Council, the team's efforts are showing success as fishermen's revenues rose 20 percent from 2009 to 2010, and participation in sectors is expected to increase by 8 percent in 2011.



SILVER MEDAL

SCIENTIFIC/ENGINEERING  
ACHIEVEMENT

Shrinivas Moorthi  
Jordan C. Alpert  
Glenn H. White  
Hui-Ya Chuang  
Yu-Tai Hou  
Meteorologists

*National Weather Service*

*National Oceanic and Atmospheric  
Administration*

The group is honored for the development and implementation of significant upgrades to the NCEP Global Forecast System (GFS), which resulted in major improvements to the numerical forecast guidance products. Major areas of forecast guidance improvement include a 30 percent reduction in Hurricane Track Error in the Eastern Pacific and a significant reduction in erroneous excessive precipitation associated with small-scale convective activity. These improvements represent the largest single improvement in Global Model Performance in the last 15 years.

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

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Samuel Oltmans  
Supervisory Physicist

*Office of Oceanic and Atmospheric  
Research*

*National Oceanic and Atmospheric  
Administration*

Mr. Oltmans is recognized for persistence and foresight in implementing reliable, accurate, and stable balloon-borne stratospheric water vapor measurements with a frost-point hygrometer he developed, and for conducting high quality monthly profiles with the lightweight, cheap and expendable instrument for over 30 years. The Boulder-based stratospheric water vapor record is the longest and best on Earth, and changes in this record have recently been linked to greenhouse gas modulated temperature changes at the Earth's surface.

# NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

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## GOLD MEDAL LEADERSHIP

Anthony Wilhelm  
Deputy Associate Administrator for  
Infrastructure

Laura Breeden  
Cyril Dadd  
Laura Dodson  
Laura Pettus  
Communications Program Specialists

Mary Lou Kenny  
Communications Policy Specialist

Wayne Ritchie  
Adriana Zimmer  
Management and Program Analysts

*Office of Telecommunications and  
Information Applications*

John Morabito  
Deputy Associate Administrator for Policy  
Analysis and Development

*Office of Policy Analysis and Development*

Angela Simpson  
Telecommunications Policy Analyst

*Office of the Assistant Secretary for  
Communications and Information*

*National Telecommunications and  
Information Administration*

The group is recognized for exceptional innovation and strategic management in developing and implementing the Broadband Technology Opportunities Program (BTOP), one of the largest and most complex grant programs the Department of Commerce has ever administered. The group's personal initiative and commitment was instrumental in awarding almost \$4 billion in stimulus investments through inspired leadership, breakthrough strategic thinking and cross-agency collaboration so that America can continue to lead the 21st century Internet-based economy.



## GOLD MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Fiona Alexander  
Associate Administrator for International  
Affairs

Ashley Heineman  
Telecommunications Manager

Vernita Harris  
Telecommunications Policy Specialist

*Office of International Affairs*

Kathy Smith  
Chief Counsel

# NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

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Stacy Cheney  
Attorney Advisor

*Office of the Chief Counsel*

Michael Ossmann  
Information Technology Specialist

*Institute for Telecommunication Sciences*

Douglas Montgomery  
Timothy Polk  
Supervisory Computer Scientists

Scott Rose  
Computer Scientist

*National Institute of Standards and  
Technology*

*National Telecommunications and  
Information Administration*

The group is cited for overcoming complex technical and political challenges and intense global scrutiny as well as soliciting unprecedented cooperation from the international community to deploy DNSSEC at the authoritative root zone. The group performed exceptional service to the Department and the U.S. by enhancing the accuracy and integrity of information supplied by the DNS that is essential to the operation of systems and services using the Internet. The accomplishment assures continued stability and security of the Internet and continued private sector investment and innovation.



SILVER MEDAL  
LEADERSHIP

Jeffrey Bratcher  
Eric Nelson  
Supervisory Electronics Engineers

Ronald Carey  
John Ewan  
Electronics Technicians

Christopher Redding  
Robert Stafford  
Irena Stange  
John Vanderau  
Electronics Engineers

Andrew Thiessen  
Lead Electronics Engineer

*Institute for Telecommunication Sciences*

Dereck Orr  
Management and Program Analyst

*National Institute of Standards and  
Technology*

*National Telecommunications and  
Information Administration*

The group is recognized for leading the inter-agency effort that developed and implemented the Project 25 (P25) Compliance Assessment Program (CAP) to meet public safety's need for objective evidence that specific land mobile radio (LMR) systems meet standards of performance and interoperability. Previously, public safety did not have a

# NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

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consistent method to compare LMR based on rigorous testing for interoperability, conformance, and performance. Today, based on the efforts of the group and in cooperation with industry, the majority of P25 LMR products sold are represented in the P25 CAP.

Karl Nebbia  
Associate Administrator for Spectrum  
Management

Byron Barker  
Telecommunications Manager

Edward Drocella  
Supervisory Electronics Engineer

Gary Patrick  
Binyam Tadesse  
Electronics Engineers

Renaë Carter  
Jonathan Williams  
Telecommunications Specialists

*Office of Spectrum Management*

Larry Atlas  
Telecommunications Policy Analyst

*Office of the Assistant Secretary for  
Communications and Information*

*National Telecommunications and  
Information Administration*

The group is recognized for its rapid and coordinated response to President Obama's June 28, 2010, memorandum to identify and make available within 10 years 500 megahertz of spectrum for wireless broadband by analyzing four "fast track" bands by October 1, 2010. In just three months, the group pulled expertise from across the executive branch and the FCC via the Policy and Plans Steering Group to prepare a far-reaching, aggressive, consensus plan; and using ground-breaking analytical methods identified 115 megahertz to be made available immediately, achieving over 20 percent of the President's 10-year goal.

# NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

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SILVER MEDAL

CUSTOMER SERVICE

Barbara Brown  
Max Fainberg  
Barry Forbes  
Lance Johnson  
William Maguire  
Jean Rice  
Katherine Scott  
Sandeep Taxali  
Emy Tseng  
Communications Program Specialists

Francine Jefferson  
Telecommunications Policy Analyst

*Office of Telecommunications and  
Information Applications*

*National Telecommunications and  
Information Administration*

The group is honored for implementing an innovative application-review model that provided the most responsive customer service while simultaneously reducing cycle time, driving process improvements, and optimizing performance to meet Recovery Act deadlines. The team conducted a robust due diligence review of applications to ensure the highest value to taxpayers while efficient exchange of information with application finalists to ensure projects were viable financially and technically resulting in sound investments and best practices for other grant programs.

# OFFICE OF THE GENERAL COUNSEL

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GOLD MEDAL

PERSONAL AND  
PROFESSIONAL EXCELLENCE

Raymond T. Chen  
Deputy General Counsel for Intellectual  
Property Law and Solicitor

Thomas W. Krause  
Scott C. Weidenfeller  
Associate Solicitors

*United States Patent and Trademark Office*

Joan B. Maginnis  
Assistant General Counsel for Finance and  
Litigation

*Office of the General Counsel*

The group is honored for its legal excellence in contributing to a unanimous victory for the USPTO in the U.S. Supreme Court in the case of *Bilski v. Kappos* on June 28, 2010. Widely viewed as among the most important patent cases in a generation, this case is critical because of its broad impact on the test for determining whether certain business method patents may be issued. The decision upholds the USPTO's decision to decline a patent in this case and more broadly influences the circumstances under which patents may be issued in general.

# OFFICE OF INSPECTOR GENERAL

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## SILVER MEDAL PERSONAL AND PROFESSIONAL EXCELLENCE

Daniel Coney  
Supervisory Criminal Investigator

### *Office of Inspector General*

Assistant Special Agent in Charge (ASAC)  
Coney is recognized for his highly effective efforts on two major fraud investigations involving Commerce's two largest bureaus, NOAA and U.S. Census Bureau. In addition to supervising a large caseload, ASAC Coney personally brought these complex contract and grant fraud cases to fruition, resulting in recoveries of over \$1 million. ASAC Coney also developed important fraud prevention initiatives with the NOAA and U.S. Census Bureau contracting offices to heighten awareness and deter future fraud in their respective programs.



## SILVER MEDAL ORGANIZATIONAL DEVELOPMENT

Patricia McBarnette  
Supervisory Auditor

Terry Storms  
Virgil Lopez  
Laura Murphy  
Auditors

Katharine Brown  
Attorney Advisor

### *Office of Inspector General*

The group is recognized for its innovative audit of the Department's motor pool inventory, operations, controls, and costs. Its analysis of historical inventory and fleet credit card data and processes led to an early assessment of key weaknesses and identified serious deficiencies related to accountability and internal controls. The resulting recommendations to create a centralized management information system, update policies and procedures, and implement fraud training and monitoring tools will serve as a template for the Department when addressing operational challenges in the future.

# OFFICE OF THE SECRETARY

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SILVER MEDAL

ORGANIZATIONAL  
DEVELOPMENT

Reconstruction and Stabilization Liaison  
Network

## *Office of the Secretary*

The organization is recognized for excellence in developing Department-wide plans and management structures to successfully deploy DOC experts to the following fragile-state environments: Afghanistan (NTIA), Haiti (NOAA and CLDP), Kyrgyzstan (ITA and CLDP), Liberia (ITA), Sudan (ESA/Census). This network provides the first-of-its-kind infrastructure that supports multi-bureau participation and coordination for highly complex international engagements involving trade development and economic governance, telecommunications infrastructure, and environmental impact assessments.

# U.S. PATENT AND TRADEMARK OFFICE

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## SILVER MEDAL LEADERSHIP

James L. Dwyer  
Assistant Deputy Commissioner for Patent  
Operations

William D. Thomson  
John E. Barlow, Jr.  
Gregory L. Mills  
Ram R. Shukla  
Daniel S. Hunter  
Supervisory Patent Examiners

Martin P. Rater  
Management and Program Analyst

James J. Pickens III  
Information Technology Specialist

Peter Toby Brown  
Supervisory Patent Information Technology  
Specialist

Tod R. Swann  
Quality Assurance Specialist

*Office of the Assistant Commissioner for  
Patents*

*United States Patent and Trademark Office*

The group is recognized for superior work in implementing a system to evaluate key patent examination quality indicia using objective statistical measurements. The Quality Index Reports (QIR) provide a set of statistical measures related to the efficiency of patent prosecution to track improvements in quality and reduction in

rework. The system, which tracks behavioral patterns in the examination process that are indicative of quality or efficiency issues, allows for better in-depth analyses with less resources and aligns directly with the USPTO's strategic goal of optimizing patent quality.

# U.S. PATENT AND TRADEMARK OFFICE

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## SILVER MEDAL CUSTOMER SERVICE

David Fitzpatrick  
Management Analyst

David A. Wiley  
Steven P. Griffin  
Supervisory Patent Examiners

Soudabeh Vaghar  
David B. Armah  
Information Technology Specialists

Arva Petra Adams  
Visual Information Specialist

*Office of the Assistant Commissioner for Patents*

Lyn A. Donaldson  
Supervisory Program Manager

David A. Williams  
Supervisory Information Technology Specialist

*Office of the Chief Information Officer*

Jennifer R. Byrne  
Supervisory Public Affairs Specialist

*Office of the Chief Communications Officer*

*United States Patent and Trademark Office*

The group is recognized for its creativity and innovation in developing the Data Visualization Center and Dashboard. This on-line tool provides unprecedented access to a comprehensive set of data that was never previously made available to the public. The Dashboard has

transformed the way users receive and process current performance metrics in real time. This new tool demonstrates the USPTO's commitment to expand communications with stakeholders, increase transparency, and ultimately avail American inventors the opportunity to thrive in a global economy.

Valencia Martin Wallace  
Group Director, Technology Center 2400

Mindy B. Bickel  
John F. Breene  
Supervisory Patent Examiners

Amber Ostrup  
Strategic Planning Project Manager

Hung T. Vuong  
Information Technology Specialist

*Office of the Assistant Commissioner for Patents*

*United States Patent and Trademark Office*

The group is recognized for establishing the Patent Ombudsman Pilot Program. Creation of the program was a direct response to public request for a dedicated resource to assist applicants with issues related to patent prosecution advancement. The program has resulted in improved, high-quality customer service by advancing the status of patent applications while simultaneously accomplishing Agency goals of reducing patent pendency and promoting compact prosecution. Moreover, the program saves applicants and the Agency both time and resources by resolving issues within two business days.

# U.S. PATENT AND TRADEMARK OFFICE

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## SILVER MEDAL

### ADMINISTRATIVE/TECHNICAL SUPPORT

William G. Jones  
Group Director, Technology Center 1700

Marilyn S. Watts  
Verlene D. Green  
Leland Watkins  
Earline A. Green  
Deborah E. Dotson  
Tracie V. Hargrove  
James C. Samuels  
Valarie R. Reid  
Tiffany Y. Vines  
Head Supervisory Legal Instruments  
Examiners

*Office of the Assistant Commissioner  
for Patents*

*United States Patent and Trademark Office*

The group is honored for exceptional innovation and professionalism in addressing the mandate by the Obama Administration and Congress to reduce the patent application backlog. Their leadership and collaborative spirit was critical in streamlining the examination process by drastically reducing the backlog of amendments to be entered and new applications to be processed. The group's tremendous efforts resulted in document entry time being reduced by 84 percent, and the backlog of new applications being reduced by 87 percent.

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

*Department's Incentive Awards Officer:*

Michael R. Osver

*Incentive Awards Program Officers of the Department:*

Cheryl Woodard – BIS  
Glenn West – ESA  
Tina Agoo – ITA  
Amy Cubert – NIST  
Charlene McCollum – NOAA  
Tony Calza – NTIA  
Paulo Mendes – OGC  
Angela Singmore – OIG  
Debra Ginther – PTO

*Special thanks to:*

Paul Bell, Soloist  
Armed Forces Color Guard  
Multimedia Mail Division



United States Department of Commerce