

61



ANNUAL HONOR  
AWARDS PROGRAM

2009

UNITED STATES DEPARTMENT OF COMMERCE





*Sixty-first  
Honor Awards Program*

**Herbert C. Hoover Building  
14th Street and Constitution Avenue, N.W.**

**November 19, 2009**

**Introduction**

Honorable Dennis F. Hightower  
*Deputy Secretary*

**Presentation of Colors**

Armed Forces Color Guard

**National Anthem**

Paul Bell

**Address**

Honorable Gary Locke  
*Secretary of Commerce*

**Announcement of Awards**

John F. Charles  
*Deputy Assistant Secretary for Administration*

**Presentation of Gold and Silver Medals**

Secretary Locke assisted by Department Officials

**Closing Remarks**

Honorable Dennis F. Hightower  
*Deputy Secretary*

**Soloist**

Paul Bell





## MESSAGE FROM THE SECRETARY

One of my most difficult—and pleasant—tasks early in my tenure as Secretary was reviewing the many outstanding nominations and selecting the recipients for the Department of Commerce’s Gold and Silver medals.

The talented and dedicated men and women being recognized today have set a high standard for service. They are the all-stars on our great Commerce team.

In assignments as varied and challenging as opening markets, monitoring exports, refining standards, protecting marine resources, and designing cutting-edge programs to promote U.S. competitiveness, these award recipients have benefitted our country, our companies, and our citizens in multiple ways. For example, because of them:

- Millions of Americans who visit the Sant Ocean Hall at the Smithsonian’s National Museum of Natural History will gain a better understanding of the importance of our coastal and ocean resources.
- The revision of a proposed cargo security regulation could save the United States an estimated \$8.3 billion.
- Advanced neutron imaging is playing a crucial role in the development of alternate power sources.
- U.S. businesses will have greater access to the rapidly growing \$700 billion Chinese retail market.

President Obama described public service as advancing the interests of Americans. The outstanding public servants whose accomplishments we celebrate at this 61st Annual Honor Awards ceremony have advanced our nation’s prosperity, safety, and welfare. And, in some instances, they acted to save lives and property at great personal risk.

It is my great privilege to recognize and applaud our 2009 Honor Awards recipients and to wish them continued success.



Gary Locke





## *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**

**Michael Johnson**  
Supervisory Criminal Investigator

**Kent Benjamin**  
**Michael Bollinger**  
**John Johnson**  
**Lauren Nieland**  
Criminal Investigators

**Martin Canner**  
Export Compliance Specialist

*Export Enforcement*

**William Arvin**  
**Karen Nies-Vogel**  
Senior Export Policy Analysts

**Timothy Mooney**  
Export Policy Analyst

*Export Administration*

**Peter Klason**  
Senior Attorney

*Office of the General Counsel*

*Bureau of Industry and Security*

The group is recognized for protecting critical U.S. national security interests and supporting U.S. efforts in Iraq and Afghanistan by dismantling a global procurement network that sought to illegally acquire U.S.-origin dual-use and military components for the Iranian Government. The components included U.S. technology capable of producing improvised explosive devices similar to those used against U.S. personnel in Iraq and Afghanistan. The group's strategy expanded the Department's Entity List to strengthen U.S. export controls and disrupt any future illegal component procurement networks.



*Silver Medal*

### **LEADERSHIP**

**Gerard Horner**  
Trade and Industry Analyst

*Export Administration*

*Bureau of Industry and Security*

Mr. Horner is recognized for identifying a gap in the United States' ability to comprehensively monitor and detect export transactions that are of concern to U.S. national security. His efforts led to the creation of a new Departmental metric for evaluating the effectiveness of the dual-use export control system, working with the Census Bureau and Customs and Border Protection to identify new electronic validations that have increased U.S. exporter compliance with the Export Administration Regulations from 86 to 95 percent.

**Kim Sins**  
**Wendy McCoy**  
Supervisory Information Technology  
Specialists

**Kenneth Whaley**  
Information Technology Specialist

**Robert Moffett**  
Telecommunications Specialist

*Office of Chief Information Officer*

**Ronald Orzel**  
Supervisory Criminal Investigator

**Norma Curtis**  
**Kirk Flashner**  
Criminal Investigators

**Sheneer Roberts**  
Export Compliance Specialist

**Janette Sessa Ward**  
Intelligence Research Specialist

*Export Enforcement*

**Elizabeth Rosenkranz**  
Export Compliance Specialist

*Export Administration*

*Bureau of Industry and Security*

The group is recognized for its hard work and dedication, which led to the successful implementation of Export Control Automated Support System (ECASS) Redesign Stage 2 (Investigative Management System Redesign (IMS-R) and BIS Export Control Cyber-Infrastructure 2 (BECCI-2)) application and secure infrastructure. The group contributions included business process re-engineering, developing clear and concise requirements, prototyping, and user acceptance testing and training. This deployment was a major implementation in support of the Bureau's mission, goals and objectives.

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Steven Huerta**  
Criminal Investigator

*Export Enforcement*

*Bureau of Industry and Security*

Special Agent Huerta is recognized for leading a multi-agency investigation, resulting in the disruption of an illicit scheme to divert controlled U.S. thermal imaging cameras to the People's Republic of China. The case involved a controlled delivery of the cameras, a lengthy surveillance of the conspirators, and the use of numerous investigative techniques in collaboration with interagency partners to accomplish the mission. The suspects were arrested while attempting to smuggle the sensitive commodities out of the country and were ultimately convicted for their roles in the conspiracy.

## **ECONOMIC DEVELOPMENT ADMINISTRATION**



*Silver Medal*

### **ADMINISTRATIVE/TECHNICAL SUPPORT**

#### **Jack Price**

Area Director for Michigan, Minnesota  
and Wisconsin

*Economic Development Administration*

Mr. Price is recognized for his assistance to flood-damaged communities in Wisconsin. In the spring of 2008 approximately two-thirds of Wisconsin suffered catastrophic flooding.

Mr. Price promptly enlisted state agencies and multi-county organizations to work with EDA on economic recovery and then worked with them to develop projects for EDA funding. He is responsible for projects that equal nearly three-quarters of all disaster recovery projects produced to date within the six-state Chicago region.

## **ECONOMICS AND STATISTICS ADMINISTRATION**



*Gold Medal*

### **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

#### **Clifford H. Woodruff III**

Branch Chief

#### **Sharon D. Panek**

Section Chief

#### **Timothy P. McInerney**

#### **Frank T. Baumgardner**

#### **Matthew J. McCormick**

Economists

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is cited for developing Gross Domestic Product (GDP) by metropolitan area statistics, which are the most comprehensive measures of economic activity, and are critical to government decision makers in developing effective metropolitan area economic policy. The group researched and developed an innovative method for calculating GDP by metropolitan area, published and supported these prototype statistics, provided users with information on how to use the data, incorporated feedback and assessed the usefulness of the statistics. These statistics officially became one of the Bureau's standard products in September 2008.



## *Silver Medal*

### **LEADERSHIP**

#### **Cavan P. Capps**

Supervisory Information  
Technology Specialist

*U.S. Census Bureau*

*Economics and Statistics Administration*

Mr. Capps is recognized for vision, expertise, and innovation in creating TheDataWeb, DataFerrett, and HotReports, turning dispersed data into integrated information. These tools allow public and private organizations worldwide to employ with ease and efficiency the universe of public-use data released by numerous government agencies to make more informed decisions for policies, planning, and evaluation. His perseverance and commitment have played a critical role in enabling diverse, dispersed, data to become more valuable, targeted, and integrated information.

#### **Richard S. Hough**

Survey Statistician

*U.S. Census Bureau*

*Economics and Statistics Administration*

Mr. Hough is recognized for the redesign of the Survey of Industrial Research and Development, resulting in the new Business R&D and Innovation Survey (BRDIS). He directed an innovative design of the BRDIS questionnaire, cognitive testing, electronic reporting instrument development, and development of supplemental materials to ease respondent burden and improve data quality. As the project manager, Mr. Hough utilized project management tools and techniques to coordinate activities and meet the required implementation date for the new survey.

**INTERNATIONAL TRADE  
ADMINISTRATION**



*Gold Medal*

**PERSONAL AND  
PROFESSIONAL EXCELLENCE**

**Lawrence Johnson**  
Commercial Officer

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

*International Trade Administration*

Mr. Johnson is honored for leading a successful U.S. Government interagency commercial diplomacy effort that resulted in Indonesia signing on to the Cape Town Treaty, thus opening the door for the Export Import Bank to offer long-term financing to one of the fastest-growing aviation markets and the largest Islamic country in the world. This initiative creates the opportunity for financing more than one billion dollars in high-value U.S. aviation exports, which in turn supports economic development, creates American jobs and enhances U.S. industrial competitiveness.



*Silver Medal*

**LEADERSHIP**

**Patricia M. Gonzalez**  
Senior Commercial Officer

**Stephen Knode**  
Commercial Officer

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

*International Trade Administration*

The group is recognized for their advancement of the Department's mission to promote and assist international trade by ensuring that American companies doing business in Hungary compete on a level playing field. Their innovative and determined approach to developing Hungary's sensitivity and self-awareness of the true costs of corruption helped lift one of the key barriers for U.S. companies doing business in Hungary and directly contributed to advancing U.S. international and strategic interests.

**Reginald Miller**  
Regional Director,  
Eastern Central Europe

**Molly Costa**  
Deputy Director,  
Eastern Central Europe

**Richard Steffens**  
Senior Commercial Officer

**Olena Stephanska**  
**Kseniva Belinskava**  
Commercial Specialists

**Pat Kirwan**  
Director, Trade Promotion  
Coordinating Committee

**Joanna Lozinska**  
**Sean Timmins**  
International Trade Specialists

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

**Danica Starks**  
**Ellen House**  
International Trade Specialists

*Market Access and Compliance*

*International Trade Administration*

The group is recognized for its contributions towards Georgia's recovery following the invasion by Russia. Within seven weeks of the President's commitment to the war-ravaged country, the team organized a senior level business summit and recruited an 18 member trade mission. Despite the short time frame, adverse work environment and no Commerce presence in the country, the team achieved two first rate events. These events have yielded over \$450 million in contracts and demonstrated Commerce's role in support of U.S. national security interests.

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Yuki Fujiyama**  
Business Industry Specialist

*Manufacturing and Services*

*International Trade Administration*

Mr. Fujiyama is recognized for developing the "Trade Finance Guide: A Quick Reference for U.S. Exporters". This concise and easy-to-understand guide is designed to help U.S. companies, especially small- and medium-sized enterprises, learn the basics of trade finance to achieve the ultimate goal of getting paid for their export sales. Since the release of the first and second editions (April 2007 and April 2008, respectively) more than 70,000 copies have been distributed via hardcopy or downloaded from Commerce websites.

**David Long**  
Director, Office of Services

**Russell Adise**  
**Scott Kennedy**  
International Trade Specialists

**Stefan Osborne**  
**Chris Rasmussen**  
Economists

*Manufacturing and Services*

*International Trade Administration*

The group is recognized for its dedication, expertise and skills in regulatory and industry analysis. The Cargo Security Analysis team found that Customs and Border Patrol's (CBP) draft 10+2 cargo security rule would cause two days' delay in U.S. manufacturers' inbound ocean container shipments, costing the U.S. \$8.3 billion a year, far more than CBP estimated. The team's high-quality economic and policy analyses, and its extensive coordination with OMB,

other federal agencies and industry, resulted in the Department's leadership of the interagency regulatory effort that eliminated these delays while protecting American security.

**Jim Pruitt**

**Rebecca Karnak**

International Trade Specialists

*Market Access and Compliance*

**John Miller**

**Brian Woodward**

International Trade Specialists

**Bruce Harsh**

Supervisory International  
Trade Specialist

*Manufacturing and Services*

**Teresa Howes**

**Frank Joseph**

**Lisa Rigoli**

Commercial Specialists

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

*International Trade Administration*

The group is recognized for its efforts to seek modification to China's complicated process for reviewing and issuing new licenses for foreign retail outlets in China. By repeatedly engaging China at the working level and through a high-level bilateral dialogue, the team successfully addressed this challenge and eliminated the problems it caused U.S. industry. This change will significantly increase U.S. company's access to the rapidly growing \$700 billion Chinese retail market and advance U.S. economic growth.

**Holly Vineyard**

Deputy Assistant Secretary for Africa,  
Middle East, and South Asia

**Art Stern**

**Jonathan Goldberg**

International Trade Specialists

*Market Access and Compliance*

**Jeffrey Gren**

**Vince H. Suneja**

**Richard Paddock**

International Trade Specialists

**Emily Arakaki**

International Trade Economist

*Manufacturing and Services*

**Srimoti Mukherji**

**Dominick Keating**

**Carmine D'Aloisio**

Commercial Specialists

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

*International Trade Administration*

The group is recognized for the development and implementation of a two-year Department of Commerce public-private initiative under the U.S. – India High Technology Cooperation Group and the Biotechnology and Life Sciences Working Group. This initiative successfully persuaded Indian government officials to implement market reforms in the Indian health sector and increased export opportunities for U.S. health products, increasing the quality of health products produced and regulated in India.

## NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY



### LEADERSHIP

**Matthew P. Barrett**

Information Technology Specialist

**Timothy Grance**

Supervisory Computer Scientist

**Christopher S. Johnson**

**Peter M. Mell**

**Stephen D. Quinn**

**Karen A. Scarfone**

**Murugiah P. Souppaya**

Computer Scientists

*Information Technology Laboratory*

*National Institute of Standards  
and Technology*

The group is honored for pioneering a new model for computer security vulnerability identification and remediation (the Security Content Automation Protocol), including a database of security flaws (the National Vulnerability Database), a compendium of 142 security configuration guides, and metrics for scoring vulnerabilities. Their accomplishments include enabling the secure configuration of five million U.S. Government Windows desktop computers, increasing the security of credit card transactions worldwide, and enabling industry security tools to effectively monitor and implement secure configurations.

**Douglas C. Montgomery**

Supervisory Computer Scientist

**Scott W. Rose**

Computer Scientist

*Information Technology Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for its leadership in the design, standardization, test, and deployment of Domain Name System Security Extensions (DNSSEC) technologies for the Internet. Guided by an identified national priority to secure the Domain Name System, the group developed and executed a strategic plan to develop and deploy a new trust infrastructure for the Internet and to ensure that the U.S. Government was a significant adopter. This multiyear effort culminated with the deployment of DNSSEC in the .gov domain, thus significantly improving the security and stability of government information networks.

**Steven D. Phillips**  
Supervisory Physicist

**Craig M. Shakarji**  
Mathematician

*Manufacturing Engineering Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for its leadership in standardization in the field of dimensional metrology. As chairs for the development of the International Standards Organization (ISO) standard for coordinate measuring machines, they built an international coalition and developed the seminal ISO standard in the field. Concurrently, they used a novel approach to harmonize the U.S. national standard with the ISO, removing an impediment to U.S. competitiveness. The ISO has chosen the nominees' standardization work as the blueprint for all their emerging standards in coordinate metrology instrumentation, including video systems.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Muhammad Arif**  
Supervisory Physicist

**David L. Jacobson**  
Physicist

*Physics Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for developing the world's most advanced neutron imaging station and applying cutting-edge neutron tomography techniques for the study of water transport in hydrogen fuel cells. This imaging station, used by most major fuel cell manufacturers and auto companies, universities, and National Labs, has accelerated the establishment of neutron imaging as one of the most important tools for the non-destructive evaluation of fuel cells during their design and performance, and is playing a crucial role in the development of alternative power sources.

**Paul D. Lett**  
NIST Fellow

*Physics Laboratory*

*National Institute of Standards  
and Technology*

Dr. Lett is recognized for providing a new measurement approach that significantly improves our ability to measure light intensity. This was accomplished by "cheating" Nature and beating the standard quantum limit that typically limits such measurements. Dr. Lett's result is four times better than any similar work and approaches an order of magnitude better than typically used. The simplicity and power of Dr. Lett's method promises applications in quantum imaging, super-resolution imaging, quantum atom optics, better optical detector calibrations, and improved measurement of trace contaminants.



## Silver Medal

### LEADERSHIP

#### **Carroll A. Thomas**

Industrial Specialist

*Manufacturing Extension  
Partnership Program*

*National Institute of Standards  
and Technology*

Ms. Thomas is recognized for displaying exceptional vision and demonstrating extraordinary motivation in establishing an innovative forum for fostering closer collaboration between multiple federal agencies and nonprofits with business assistance missions. This forum, entitled the Interagency Network of Enterprise Assistance Providers (INEAP), has fostered greater collaboration across 48 federal programs and 17 mission-related nonprofits, resulting in more efficient use of resources and significant improvements in the collective effectiveness of multiple business assistance programs.

#### **Robert L. Watters, Jr.**

Chief, Measurement Services Division

*Technology Services*

*National Institute of Standards  
and Technology*

Dr. Watters is recognized for his leadership of the Measurement Services Division, which has resulted in greatly improved delivery of NIST measurement services. Dr. Watters employed the Baldrige quality framework to drive efficiencies in strategic planning, customer service, and information technology systems. Consequently, the Division has achieved faster turn-around times, better in-stock availability, improved external marketing, greater customer satisfaction, and more effective communication with NIST internal partners.

### SCIENTIFIC/ENGINEERING ACHIEVEMENT

#### **A. Hunter Fanney**

Chief, Building Environment Division

#### **Piotr A. Domanski**

#### **William M. Healy**

Supervisory Mechanical Engineers

#### **David A. Yashar**

#### **W. Vance Payne**

#### **Brian P. Dougherty**

#### **W. Stuart Dols**

#### **Steven J. Nabinger**

#### **Stephen J. Treado**

#### **Natascha S. Castro**

Mechanical Engineers

*Building and Fire Research Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for the development of appliance test procedures that form the basis of the U.S. appliance energy labeling program. The test procedures developed by this group are used by the Department of Energy to quantify the projected energy consumption of residential appliances. Appliances tested using these procedures receive a Federal Trade Commission energy label that is used by consumers to make purchasing decisions. Appliance test procedures and accompanying minimum efficiency standards will have saved consumers an estimated \$124 billion by 2030.

**Edward J. Garboczi**  
NIST Fellow

**Dale P. Bentz**  
Chemical Engineer

**Jeffrey W. Bullard**  
Materials Research Engineer

**Nicos Martys**  
Physicist

*Building and Fire Research Laboratory*

**William L. George**  
Computer Scientist

**Judith E. Terrill**  
Supervisory Computer Scientist

*Information Technology Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for providing industry a scientifically-based prediction tool that supports the transformation of standards and specifications from prescription to performance-based for concrete, arguably the most complex man-made inorganic material in common use, and the key material used in the physical infrastructure. The group created the virtual cement and concrete testing laboratory (VCCTL). The VCCTL uses intensive computer simulation to mimic a physical testing laboratory and has proven to be capable of revealing behavior beyond the limits of traditional testing instruments.

**Qingzhen Huang**  
Physicist

*Center for Neutron Research*

*National Institute of Standards  
and Technology*

Mr. Huang is recognized for his pioneering use of neutron diffraction to reveal key relationships between the bulk magnetic and structural properties that led directly to the development of an entirely new class of magnetocaloric materials which exhibit superior performance. These record-setting materials, composed of relatively inexpensive and environmentally benign components, should enable the commercial development of magnetic refrigeration technology as an environmentally friendly and energy efficient replacement for the vapor-compression systems in use today.

**Robert D. McMichael**  
Physicist

*Center for Nanoscale Science and  
Technology*

*National Institute of Standards  
and Technology*

Dr. McMichael is recognized for performing innovative measurements and theoretical calculations on thin film magnetism. His experimental work resulted in a new understanding of exchange bias, which plays a key role in modern magnetic storage media and random access memory devices. His theoretical work made major contributions to the development of micromagnetics modeling techniques that have become a standard tool across the magnetics industry. This research resulted in new knowledge that has helped enable an exponential growth of data density in the magnetic data storage industry.

**Yoshihiro Ohno**  
Supervisory Electronics Engineer

**C. Cameron Miller**  
Research Chemist

**Wendy L. Davis**  
Biologist

*Physics Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for technical leadership in advancing the measurement science and standards for solid-state lighting (SSL), which promises to reduce by half the Nation's energy consumption for lighting. These technical achievements provided the foundation for a National Voluntary Laboratory Accreditation Program and an Energy Star Program for solid-state lighting. These programs will help accelerate the commercialization of U.S. SSL products internationally by providing U.S. led technical standards for quantifying and comparing lighting brightness, color quality, and energy efficiency.

## **NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION**



### **LEADERSHIP**

**Roxie K. Allison**  
Attorney Advisor

*Office of the General Counsel*

**Joanne Flanders**  
Program Analyst

*Office of Oceanic and  
Atmospheric Research*

**Laurel Bryant**  
Communications Specialist

**Michael Vecchione**  
Supervisory Zoologist

*National Marine Fisheries Service*

**Fred Gorell**  
Public Affairs Officer

**Jamie Krauk**  
Constituent Services Specialist

*Office of Communications*

**Carol Kavanagh**  
Supervisory Communications Specialist

*National Ocean Service*

**Carrie McDougall**  
Education Policy Analyst

*Office of Education*

**Therese Pierce**  
Supervisory Meteorologist

*National Weather Service*

**Albert E. Theberge, Jr.**  
Technical Information Specialist

*National Environmental Satellite,  
Data and Information Service*

*National Oceanic and  
Atmospheric Administration*

The group is honored for its cross-agency leadership over a five-year period to design, develop and open with the Smithsonian Institution, the national exhibition on the global ocean called the Sant Ocean Hall. They applied science that reached across NOAA and other organizations, to shape the 30-year exhibit that will lead to a better understanding of protecting, restoring and managing coastal and ocean resources through ecosystem-based management, and a better understanding of climate variability and change, to enhance society's ability to plan and respond.

**Changyong Cao**  
Physical Scientist

*National Environmental Satellite,  
Data and Information Service*

*National Oceanic and  
Atmospheric Administration*

Dr. Cao is recognized for his significant contributions to the U.S. and the international community in leading a working group of international scientists of the Committee on Earth Observation Satellites to develop and demonstrate new standards, practices, and techniques for satellite instrument calibration and validation. These contributions improved the accuracy and stability of data from satellite sensors operated by U.S. and international space agencies and enabled their use for climate monitoring.

**John Lindsay**  
Physical Scientist

**David Winandy**  
**Greg Gervais**  
**James Wright**  
**James Malchow**  
**Nir Barnea**  
Environmental Engineers

**David Kennedy**  
Director for Ocean and Coastal  
Resource Management

**Ellen Clark**  
Chief of Staff

*National Ocean Service*

**Robert Taylor**  
Attorney Advisor

*Office of the General Counsel*

**Paul Reed**  
Contract Specialist

*Office of Acquisitions and Grants*

*National Oceanic and  
Atmospheric Administration*

This group is recognized for the successful completion of the environmental cleanup and historical preservation of the Pribilof Islands. The cleanup of the Pribilof Islands posed enormous environmental, logistical, and political challenges, but through strong leadership, teamwork, and innovation, the group was able to successfully complete this very difficult project. This cleanup represents a landmark accomplishment for NOAA and the Department. In addition, the comprehensive historical preservation work has left a lasting and valuable legacy for the Pribilof's Aleut communities.

**William Robinson**

Regional Administrator,  
Pacific Islands Region

**Charles Karnella**

Fish and Wildlife Administrator

**Raymond Clarke**

Fish Biologist

**Thomas Graham**

Program Analyst

**Rhea Moss**

Fisheries Policy Analyst

**William Pickering**

Supervisory Criminal Investigator

**Terry Boone**

Supervisory Program Analyst

*National Marine Fisheries Service*

**Jane Luxton**

NOAA General Counsel (former)

**Elena Onaga**

Supervisory Attorney Advisor

**Alexa Cole**

Attorney Advisor

*Office of the General Counsel*

*National Oceanic and  
Atmospheric Administration*

**David Wiley**

Sanctuary Research Coordinator

*National Ocean Service*

*National Oceanic and  
Atmospheric Administration*

Dr. Wiley is recognized for his leadership in implementing innovative technological approaches to better understand and mitigate the risk of vessel-whale collisions in the Stellwagen Bank National Marine Sanctuary. Under his leadership, NOAA completed groundbreaking research into whale behavior that resulted in the relocation of shipping lanes within the sanctuary and the real-time notification of vessels about whale locations. These actions significantly reduced the risk of ship strikes on endangered whales in the sanctuary and will influence agency policy for years to come.

The team is cited for its leadership in securing the Western and Central Pacific Fisheries Commission's adoption of the first extensive international management measures for tuna fisheries. Estimated at 55 percent of the world's harvest, unprecedented and growing demand for Western and Central Pacific tuna is due to increasing pressure on tuna stocks in other oceans. To promote sustainable tuna fisheries, the Commission reduced harvest quotas. It is the first to require observers on vessels of all member nations and the use of circle hooks in an extensive bycatch measure to reduce incidental catch of sea turtles.

**PERSONAL AND PROFESSIONAL EXCELLENCE**

**Sara Block**  
Special Agent

*National Marine Fisheries Service*

*National Oceanic and Atmospheric Administration*

Special Agent Block is recognized for investigating a scheme to import \$31 million worth of falsely labeled Vietnamese catfish in order to circumvent U.S. anti-dumping tariffs. Twelve individuals and associated corporations pled guilty or were convicted in U.S. District Court. This conspiracy defrauded the Federal Government of over \$10 million in tariffs and distributed falsely labeled products to consumers. This success sends a strong message that the Federal Government will aggressively enforce laws designed to protect the U.S. fishing industry, public health, and consumer confidence.

**SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Roland R. Draxler**  
Meteorologist

*Office of Oceanic and Atmospheric Research*

*National Oceanic and Atmospheric Administration*

Mr. Draxler is honored as the driving force behind the initial development and continued improvement of the Hybrid Single Particle Lagrangian Integrated Trajectory (HYSPPLIT) atmospheric transport and dispersion modeling system. He led the successful transfer of HYSPPLIT from research to operations within NOAA, where it supports protection of the public from hazards such as toxic chemicals, wildfire smoke, radioactive plumes, and volcanic ash. He has also led collaborations, technology transfer, and training that have enabled other agencies and countries to use HYSPPLIT to protect life, property, and the environment.

**R. Wayne Litaker**

Fishery Biologist

**Patricia A. Tester**

Supervisory Oceanographer

*National Ocean Service*

*National Oceanic and*

*Atmospheric Administration*

The team is honored for conversion of a previously developed research technology into a rapid, robust test for domoic acid, an algal toxin that causes morbidity and mortality in humans. The test is inexpensive and can be used without specialized training or laboratory equipment. It protects human health for thousands of coastal residents who harvest shellfish for subsistence, recreational and commercial use. Significantly, it safeguards millions of dollars of fishery resources in west coast communities, including those of Native American tribes in the Pacific Northwest.

**HEROISM**

**LTJG Victoria Zalewski**

Program Development Officer,  
Habitat Conservation

*National Marine Fisheries Service*

*National Oceanic and*

*Atmospheric Administration*

LTJG Zalewski is recognized for heroism in providing immediate aid to victims of a fatal Washington D.C. Metro train accident. As a passenger on a train struck at high speed by another train, she quickly sensed the severity of the event and put her emergency response training into action. At great personal risk, LTJG Zalewski immediately attended to the most severely injured persons scattered throughout the cars and among the rails. Her initial triage and treatment helped save lives and allowed arriving emergency medical responders to concentrate efforts on those most critically injured.



## *Silver Medal*

### **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**C. Mark Eakin**  
Oceanographer

*National Environmental Satellite, Data  
and Information Service*

**Robert S. Webb**  
Physical Scientist

**Rik Wanninkhof**  
Oceanographer

**Mary Cécile Penland de Garcia**  
Physical Scientist

*Office of Oceanic and  
Atmospheric Research*

**Lauri MacLaughlin**  
Sanctuary Resource Specialist

*National Ocean Service*

*National Oceanic and  
Atmospheric Administration*

The group is honored for overseeing the development of experimental and operational satellite and model-based products, alerts, and predictions for coral reef managers and stakeholders who, in turn, addressed coral bleaching and other ecological impacts of climate change. They undertook extensive efforts to train coral reef managers and provide outreach and education to other stakeholders and the general public. Using NOAA tools and training, reef managers and stakeholders respond to and prepare for present and future impacts of climate change on coral reef ecosystems.

**Scott Hecht**  
**Anthony Hawkes**  
Biologists

**Arlene Pangelinan**  
Fish Biologist Management

**Nathaniel Scholz**  
Supervisory Research Zoologist

**David Baldwin**  
Research Zoologist

**Cathy Laetz**  
Research Oceanographer

**Angela Somma**  
Fish and Wildlife Administrator

*National Marine Fisheries Service*

*National Oceanic and  
Atmospheric Administration*

The team is honored for establishing a new standard for protecting Endangered Species Act-listed species from toxic chemicals by demonstrating, for the first time, that non-lethal impacts, which impair life giving functions of salmon, significantly reduce the ability of endangered salmon to reproduce and rebuild their populations. The three toxic chemicals assessed in this most comprehensive analysis to date are widely used pesticides. To limit further harm to endangered salmon, the Environmental Protection Agency will mandate use restrictions for these pesticides during the next year.

**Hiram Levy II**  
Senior Research Scientist

**M. Daniel Schwarzkopf**  
Meteorologist

**Larry Horowitz**  
**Kirsten Findell**  
Physical Scientists

**Alice Gilliland**  
Supervisory Physical Scientist

**V. Ramaswamy**  
Director, Geophysical Fluid  
Dynamics Laboratory

*Office of Oceanic and  
Atmospheric Research*

*National Oceanic and  
Atmospheric Administration*

The group is recognized for showing that projected changes in human emissions of short-lived gases and particles, which are controlled locally and regionally throughout the world to improve air quality, may significantly influence climate in the 21st century. Specific projected changes in the future emission of pollution, primarily over Asia, are shown to significantly contribute to predicted increases in surface temperature (up to 40 percent) and reduced rainfall over the summertime continental United States throughout the second half of the 21st century.

**Angelo G. Wade**  
Ground Systems Engineer

**J. Philip Green**  
**Walid J. Bannoura**  
Electronics Engineers

**Linda Stathoplos**  
Oceanographer

**John L. Lillibridge III**  
Oceanographer

**Kim McCarty**  
System Software, Polar Team Lead

**Larry Ledlow**  
Senior Systems Engineer

**Brian Hill**  
Information Technology Specialist,  
Team Lead

*National Environmental Satellite, Data,  
and Information Service*

*National Oceanic and  
Atmospheric Administration*

The team is recognized for designing, installing, and operating a new ground system at NOAA's Satellite Operations Facility for Europe's Jason-2 Ocean Surface Topography Mission satellite under tight fiscal, technical, and schedule constraints. Jason-2 provides precise ocean surface height data critical to weather forecasters and climatologists. Jason-2 is the first foreign satellite NOAA has operated and represents the first major research-to-operations transition. The team overcame severe budget constraints and the challenge of an international partnership to deliver the ground system in just 32 months.

## **CUSTOMER SERVICE**

### **WFO Atlanta, Georgia**

*National Weather Service*

*National Oceanic and  
Atmospheric Administration*

The NWS Forecast Office, Atlanta, Georgia is cited for exceptional dedication and customer service while enduring illness-caused staffing shortages, fatigue after surveying damage from the highly-publicized Atlanta tornado the previous night, and then working a 16-hour, 240 warning, tornado outbreak. Recognizing the severity of the day's first tornadoes, and with knowledge of recovery efforts underway, the NWS staff took specific actions which enabled officials to clear a firefighting crew from the path of an approaching tornado thereby saving many firefighters' lives.

## **ADMINISTRATIVE/TECHNICAL SUPPORT**

### **Ann Byar**

Safety and Occupational  
Health Specialist

*National Marine Fisheries Service*

*National Oceanic and  
Atmospheric Administration*

Ms. Byar is honored for providing critical support to the Department to ensure NOAA's radiation safety procedures complied with Nuclear Regulatory Commission requirements and avoided the potential for suspension of research activities using radioactive materials. Her technical expertise contributed to a new NOAA Radiation Safety Manual, new training programs, improved tracking of radioactive isotopes within facilities, and improved Deemed Export procedures for use by researchers and safety compliance employees. These more rigorous radiation safety protocols are in place at 15 NOAA research sites.

## HEROISM

### David Coleman

Electronics Technician

*National Weather Service*

*National Oceanic and*

*Atmospheric Administration*

Mr. Coleman is honored for his heroic efforts in the reporting of and participation in the extinguishment of a weather related wildfire that he discovered while en-route to a remote NOAA Weather Radio transmitter site located on Spirit Mountain, Nevada. After attempting to put out the fire, he called 911 and then assisted the firefighters by using an axe and shovel to extinguish the fire. His actions were described by Chief Kenneth McClintock of the Cal-Nev-Ari Fire Department in a letter to NOAA: “[Mr. Coleman] prevented a larger incident, with potentially devastating consequences, from happening.”

## OFFICE OF THE GENERAL COUNSEL



*Gold Medal*

## PERSONAL AND PROFESSIONAL EXCELLENCE

### John D. McInerney

Chief Counsel for  
Import Administration

### Quentin M. Baird

### David W. Richardson

Senior Attorneys

### David R. Mason

Senior Counsel

*Office of the General Counsel*

The group is honored for its legal excellence in obtaining Supreme Court review and reversal of the Federal Circuit decision in *Eurodif v. United States*, a critical case because its broad impact on U.S. trade remedy laws, and its potential impact on U.S. nuclear non-proliferation strategy. The decision preserves the U.S.-Russia agreement on uranium responsible so far for turning 20,000 Russian nuclear warheads into lower grade uranium for use in U.S. nuclear reactors, which has become a cornerstone in U.S. nuclear non-proliferation strategy with Russia.



## *Silver Medal*

### **LEADERSHIP**

#### **Stephen Gardner**

Chief Counsel for Commercial Law  
Development Program

#### **Tatiana Aras**

International Program Specialist

#### **Marc Tejtel**

Deputy Chief Counsel for Commercial  
Law Development Program

#### **Marianne McManus**

Senior Counsel

*Office of the General Counsel*

#### **Toni Hickey**

#### **Joseph Rodriguez**

Attorney Advisors

#### **Robert Stoll**

Dean, Global IP Academy

*Patent and Trademark Office*

#### **Kevin Boyd**

Director, Office of Africa

#### **Alicia Robinson-Morgan**

Deputy Director, Office of Africa

#### **Susan Wilson**

Director, Office of Intellectual Property

*International Trade Administration*

*Office of the General Counsel*

The group is recognized for its creativity and leadership in the delivery of unprecedented, in-depth intellectual property (IP) technical assistance to West African countries that has ensured fair and efficient implementation of IP principles in the region. The group worked successfully with the Economic Community of West African States (ECOWAS) and regional experts to develop a framework for harmonized

procedures and communications between the customs services from 16 countries. The work of the group will contribute greatly to maintaining an international IP system that rewards local and American entrepreneurs.

## OFFICE OF INSPECTOR GENERAL



*Gold Medal*

### HEROISM

**Brandon Trice**  
Criminal Investigator

*Office of Investigations*

*Office of Inspector General*

Special Agent Trice is honored for a heroic act which sets an example of bravery and character of the highest order. As Special Agent Trice was en-route to a business meeting at the HCHB, and while exiting the Federal Triangle Metro Station, he was alerted to a person whom had fallen onto the tracks. Despite an oncoming train he jumped down on the tracks and rescued the fallen individual. Special Agent Trice himself had to then be pulled to safety as the oncoming train approached. The pride and honor this type of act brings to an organization is immeasurable.



*Silver Medal*

### PERSONAL AND PROFESSIONAL EXCELLENCE

**Michael Ketover**  
**Jennifer Nobles**  
Program Analysts

**David Charbonneau**  
Auditor

*Office of Audit and Evaluation*

**Jennifer Childs**  
Research Psychologist

*Economics and Statistics Administration*

*Office of Inspector General*

The group is recognized for its comprehensive review of the science used by the National Marine Fisheries Service to set catch limits for the heavily-fished New England commercial fisheries. The review highlighted the importance of positive working relationships between federal agencies and the industries they regulate. As a result of the group's careful portrayal of the situation, its work did not further exacerbate the tensions in the northeast and served as a catalyst for constructive conversation on how NOAA and the groundfish industry can improve their relationship.

## **U.S. PATENT AND TRADEMARK OFFICE**



*Silver Medal*

### **LEADERSHIP**

#### **Charles Eloshway**

Deputy Director, Office of IP Policy  
and Enforcement

#### **Karin Ferriter**

Patent Attorney

#### **Robert Johnson**

Computer Engineer

#### **Cheryl Kazenske**

International IP Program Manager

#### **Don Levin**

Supervisory Information Technology  
Specialist

#### **Kevin Little**

Director, Office of Patent  
Application Processing

#### **Kay Melvin**

Director, Business Relationship  
Management

#### **Diana Oleksa**

Attorney

#### **Horatious Tanyi**

#### **Hung Vuong**

Information Technology Specialists

*Office of the Commissioner*

*U.S. Patent and Trademark Office*

The group is recognized for its distinguished performance in successfully implementing the USPTO's electronic priority document exchange systems, TDA-PDX and DAS. These highly secure automated information systems offer customers significant departure from the traditional burden of manually ordering and submitting the paper certified copy of the priority documents practice.

TDA-PDX and DAS benefit customers by providing quality products and services at no cost. Additionally, they benefit the USPTO in cost savings by eliminating the manual processing steps and operational costs for paper document handling.

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Darren E. Pogoda**  
**Timothy Browning**  
**Susan Anthony**  
**Cynthia Henderson**  
**Scott Baldwin**  
Attorney Advisors

**Elaine Wu**  
Patent Attorney

**Susan Tong**  
International Relations Advisor

*Office of the Commissioner*

**Jasemine Chambers**  
Group Director, Patents  
Technology Center

*Assistant Commissioner for Patents*

*U.S. Patent and Trademark Office*

The USPTO China Team is recognized for providing distinguished legal counsel in the areas of intellectual property (IP) law and international trade. The team's efforts included: working many hundreds of uncompensated hours performing in-depth legal research and document review; quickly acquiring a comprehensive understanding of international IP treaties and China's legal IP regime; providing sensitive legal counsel in matters of first impression under the relevant IP treaties; and assisting in the drafting and editing of numerous written legal submissions to the World Trade Organization panel deciding the case.

## **ORGANIZATIONAL DEVELOPMENT**

**Shana Webster-Trotman**  
Management and Program Analyst

**Dora G. Best**  
Supervisory Trademark  
Information Specialist

*U.S. Patent and Trademark Office*

This group is recognized for developing and implementing a successful telework program for a call center that provides information and assistance for USPTO customers. The Trademark Assistance Center's work-at-home program has proven to be an innovative telework prototype. It has resulted in space and related cost savings, and serves as a business continuity strategy. By incorporating measurable performance goals in the evaluation of work performance, the nominees have created a model of an extremely successful customer contact telecommuting program for government agencies.

## EXTERNAL AWARDS

### Arthur S. Flemming Awards

#### Sae Woo Nam

Physicist

*Electronics and Electrical  
Engineering Laboratory*

*National Institute of Standards  
and Technology*

Dr. Nam was recognized for his pioneering contributions and leadership in the field of single photonics.

Dr. Nam's invention and application of ground-breaking single photon detection systems have advanced some of the world's most challenging endeavors including quantum cryptography and quantum computing. His accomplishments include single photon detectors with world-record efficiency, demonstrations of quantum key distribution (QKD) with record data rate and distance for ultra-secure communication networks, and the investigation of quantum states of light for improved metrology.

#### Stephan J. Stranick

Research Chemist

*Chemical Science and  
Technology Laboratory*

*National Institute of Standards  
and Technology*

Dr. Stranick was recognized for his innovations in chemical imaging microscopy techniques below the diffraction limit of light. He designed and demonstrated novel optical microscopy platforms that resulted in dramatic spatial resolution improvements in sensitivity and throughput of the visible, infrared and microwave wavelength regimes. His work has been applied to a variety of industrially relevant chemical systems, including nanoscale stress/strain in materials and the distribution of chemical species in biological systems.

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

*Office of Human Resources Management Incentive Awards Program Staff:*

**Michael R. Osver**

**Stephen Ramos**

Incentive Awards Program Officers of the Department

**Cheryl Woodard . . . . . BIS**

**Dana Matthews . . . . . Census**

**Michael Barber . . . . . EDA**

**Tina Agoo . . . . . ITA**

**Amy Cubert . . . . . NIST**

**Jennifer Heyob . . . . . NOAA**

**Angela Singmore . . . . . OIG**

**Angela Marshall . . . . . PTO**

*Special thanks to:*

**Paul Bell, Soloist**

**Armed Forces Color Guard**

**Multimedia Division**

