





*Sixty-second  
Honor Awards Program*

**The Amphitheater  
Ronald Reagan Building and International Trade Center**

**October 19, 2010**

**Introduction**

Frederick E. Stephens  
*Deputy Assistant Secretary for Administration*

**Presentation of Colors**

Armed Forces Color Guard

**National Anthem**

Paul Bell

**Address**

Honorable Gary Locke  
*Secretary of Commerce*

**Announcement of Awards**

Honorable Scott Quehl  
*Chief Financial Officer and  
Assistant Secretary for Administration*

**Presentation of Gold and Silver Medals**

Secretary Locke assisted by Department Officials

**Closing Remarks**

Frederick E. Stephens  
*Deputy Assistant Secretary for Administration*

**Soloist**

Paul Bell





## **MESSAGE FROM THE SECRETARY**

More than a century ago, the U.S. Department of Commerce was established and charged with a most important responsibility: to promote economic opportunities for U.S. companies and workers.

The services and tools required to fulfill this mandate have changed to meet the needs of a changing and highly competitive 21st century global economy, but the commitment and reputation for excellence of the public servants who work here remain at the highest level.

The accomplishments recognized at this ceremony reflect the diverse ways in which the talented and dedicated men and women of the Department of Commerce serve our Nation and contribute to our prosperity and security.

Among our outstanding accomplishments are these:

- A groundbreaking study on the state of the middle class in America that will help shape Federal policies
- The lifting of a Chinese domestic content requirement that will open a potential \$100 million wind turbine market to U.S. exporters
- The development of the U.S. standard of civilian time, the world's most precise absolute measurement of any kind
- The creation of a hurricane storm-surge model used by emergency managers to make life-impacting and costly evacuation decisions

President Obama has said that for our Nation to compete and win in the 21st century, we must rebuild our economy on a stronger, more balanced foundation. The men and women celebrated here are helping to build that stronger, more balanced foundation and a brighter and better future for all.

It is my great privilege to recognize and applaud our 2010 Honor Awards recipients.



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*





**OFFICE OF THE CHIEF FINANCIAL OFFICER AND ASSISTANT SECRETARY FOR ADMINISTRATION**



*Gold Medal*

**CUSTOMER SERVICE**

**Matthew J. Falls**

Management and Program Analyst

*Office of the Chief Financial Officer and Assistant Secretary for Administration*

**Roger D. Kilmer**

Director, Hollings Manufacturing Extension Partnership Program

**Phillip K. Wadsworth**

**Carroll A. Thomas Martin**  
Industrial Specialists

*National Institute of Standards and Technology*

**Eve Lerman**

**Leila A. Odom**

International Trade Specialists

*International Trade Administration*

**Arminta N. Quash**

Chief, Census and Related Programs Support Branch

*U.S. Census Bureau*

*Economics and Statistics Administration*

**Shirley B. Dean**

Deputy Chief Information Officer

*Minority Business Development Agency*

*Office of the Chief Financial Officer and Assistant Secretary for Administration*

The group is recognized for developing and delivering timely business focused services and programs more effectively and more efficiently through CommerceConnect Michigan: a Department-wide coordinated "One-Stop Shop". The group provided American businesses in the struggling

auto industry with better, faster and more comprehensive access to the Department of Commerce's 60-plus technical assistance, grant and information-based programs. This new process enhanced Department effectiveness in meeting program objectives, along with a better Department-wide image and culture of customer service excellence.



*Silver Medal*

**ORGANIZATIONAL DEVELOPMENT**

**Audrey E. Clarke**

Senior Grants/Cooperative Agreements Specialist

**Katherine D. Penyak**

Procurement Analyst

*Office of the Chief Financial Officer and Assistant Secretary for Administration*

The group is recognized for exceptional innovation and professionalism in developing and implementing the DOC ARRA Recipient Reporting System. Their leadership and collaborative spirit was critical to implementing a new program in a constantly changing environment in a few short months. They deftly prepared and issued Departmental guidance, and conducted daily/weekly meetings to ensure understanding and compliance. Their dedication to excellence resulted in greater data accuracy, quality, timeliness and ensured the transparency promised to the American public by the President.

## **BUREAU OF INDUSTRY AND SECURITY**



*Gold Medal*

### **PERSONAL AND PROFESSIONAL EXCELLENCE**

**David Nardella**  
Criminal Investigator

*Export Enforcement*

*Bureau of Industry and Security*

Special Agent Nardella is recognized for working with other Federal authorities in operating an undercover company, which purported to be a supplier of aerospace commodities, for 2 1/2 years. Special Agent Nardella acted in an undercover capacity, meeting with a conspirator to broker highly export-controlled carbon fiber material, destined for the China Academy of Space Technology, for use in their military satellite industry. He arrested the first two subjects separately, then convinced them to lure another member of the conspiracy into the U.S. All three were subsequently convicted.

**John Sonderman**  
**Rick Shimon**  
Supervisory Criminal Investigators

**Joseph Varga**  
Criminal Investigator

*Export Enforcement*

*Bureau of Industry and Security*

**Greg Michelsen**  
Attorney Advisor

*Office of the General Counsel*

*Export Enforcement*

*Bureau of Industry and Security*

The group is recognized for excellence in the investigation and successful criminal prosecution in the Balli Group case. The group overcame an elaborate attempt by the suspects to mislead the Department of Commerce regarding the destination and use of Boeing 747 aircraft. The group was able to block the delivery of three Boeing 747 aircraft to an Iranian airline and ground another three Boeing 747 aircraft already in Iran. The investigation resulted in a \$15 million civil penalty, the highest in agency history.



## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Gordon Pomeroy**  
Supervisory Criminal Investigator

**Lauren Nieland**  
**Joseph Whitehead**  
Criminal Investigators

*Export Enforcement*

*Bureau of Industry and Security*

**Adrienne Frazier**  
Attorney Advisory

*Office of the General Counsel*

*Export Enforcement*

*Bureau of Industry and Security*

The group is recognized for investigating and uncovering massive gaps in recordkeeping and unlicensed exports of embargoed materials to Syria, Iran, and Sudan (in violation of the Export Administration and OFAC Regulations) by DHL, one of the world's largest international shipping companies. This action was unique because, for the first time, it was taken in conjunction with the Office of Foreign Assets Control targeting the same violations. It resulted in a record \$9,444,744 civil penalty. The group consists of OEE enforcement agents from several field offices and an attorney from OCC for BIS.

**James Thompson**  
Supervisory Electronics Engineer

**John Varesi**  
General Engineer

**Christopher Costanzo**  
Electronics Engineer

*Export Administration*

*Bureau of Industry and Security*

This group is recognized for their distinguished work culminating in a January 2009 Memorandum of Agreement with the Department of Defense regarding export controls on uncooled thermal imaging cameras, and the corresponding regulation published in May 2009 that codifies and implements this agreement. Years in the making, this agreement and regulation is a major benefit for the U.S. uncooled thermal imaging industry, which has suffered the severe consequences of an unlevel playing field vis-a-vis competitors in international markets due to stringent unilateral U.S. export controls.

## **ECONOMIC DEVELOPMENT ADMINISTRATION**



*Gold Medal*

### **LEADERSHIP**

#### **Beth Corbett**

Management Analyst

#### **Jessica Falk**

Economic Development Specialist

*Office of Regional Affairs*

*Economic Development Administration*

The group is honored for their leadership in the agency's disaster recovery effort. They played a central role in identifying investment opportunities, engaging local officials in the process, and providing technical assistance in the preparation of program applications. Their efforts led to the agency's success in allocating \$148 million in EDA investments – five times AURO's regular allocation, without additional personnel, as well as working long hours while selflessly turning down earned overtime pay.

#### **Sandra R. Walters**

Chief Financial Officer/Chief  
Administrative Officer

*Office of Finance and  
Management Services*

*Economic Development Administration*

#### **Dennis Alvord**

Executive Director, CommerceConnect

*Office of the Chief Financial Officer and  
Assistant Secretary for Administration*

*Economic Development Administration*

The group is honored for their extraordinary leadership in successfully performing their own duties and those of multiple vacancies in order to provide critical stability to the agency. After experiencing staff reductions totaling 31 percent, EDA received \$650 million in supplemental appropriations, nearly three times the agency's annual budget. The task of designing and implementing plans to effectively obligate these funds quickly to distressed communities, while continuing EDA's long-term mission of sustainable economic development, fell to the group due to a void in political leadership.

## **ECONOMICS AND STATISTICS ADMINISTRATION**



*Gold Medal*

### **LEADERSHIP**

**Jeffery Cooper**

**Jeannine Magers**

**Timothy Smith**

**Mark Wang**

**William Peil**

**Alessandro Ferrucci**

Information Technology Specialists

**Paul Friday**

Computer Scientist

**Stephanie Studds**

Supervisory Survey Statistician

**Douglas Miller**

Survey Statistician

**Maria Darr**

Program Analyst

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is honored for developing an Optical Character Recognition (OCR) technology, which provided for the systematic capture of data for the 2009 Kenya Population Census. The group created a highly sophisticated data capture system and provided significant on-site and off-site technical support to the Kenyan National Bureau of Statistics. This represents a tremendous leap forward in technology and census design for Kenya. The OCR technology will enable the collection of 99 percent of the population data with a 0.1 percent error rate, which constitutes a vast improvement in accuracy.

**David Johnson**

Chief, Housing and Household

Economic Statistics Division

**Charles Nelson**

Assistant Division Chief,

Housing and Household Economic

Statistics Division

**Kathleen Short**

Senior Research Economist

**Trudi Renwick**

Statistician

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for improving the measurement of poverty, thus enabling better-informed decisions and improved evaluations of existing programs designed to combat poverty in America. The group members advanced the state of research in this area, engaged key stakeholders and collaborated with other agencies to achieve consensus support for the new supplemental poverty measure. This accomplishment will make accessible more timely and useful data on poverty, which more accurately captures the impact of policy changes on the economic well-being of low-income families.

**Sabrina L. Montes**

Economist

*Economics and Statistics Administration*

**David Dickerson**

Supervisory Mathematical Statistician

**Glenn Barresse**

Supervisory Statistician

**Kristin Corwin**

Statistician

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for successfully completing a collaborative project with the Chinese government. The project entailed an analysis of U.S. and Chinese trade statistics and reconciliation of the differences in reported trade data. It required coordination with multiple government entities in both countries over five years. The group’s steadfast commitment to the effort yielded a report that was signed at the 2009 plenary of the U.S.—Chinese Joint Commission on Commerce and Trade and advances the understanding of how official trade statistics reveal actual trade flows between our countries.

**Sheila Proudfoot**

**Mary D. Harley**

Supervisory Survey Statisticians

**James Jamski**

**Rita Williamson**

**Amy Anderson**

Survey Statisticians

**Tatiana Gallagher**

**John Studds**

**Giuseppe Mistichelli**

Supervisory Information

Technology Specialists

**Nuruddin Parkar**

**Joseph Poisson**

Information Technology Specialists

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for technological advances over the last five years by developing and supporting electronic data collection software for the Census Bureau's Economic Censuses and Current Surveys. This software supports small, medium, large, and extremely complex businesses. To date, secured electronic reporting has been used in 31 out of 72 Economic Censuses and Surveys. For the 2007 Economic Census, electronic reporting reduced the respondent reporting burden, streamlined data processing, and contributed to overall processing savings of \$1.6 million.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Benjamin Cowan**  
**Lisa Ninomiya**  
Economists

**Douglas Klear**  
Information Technology Specialist

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is recognized for developing and implementing a new, high-performance central processing system for gross domestic product (GDP) and other key national economic statistics. They introduced streamlined methodologies and substantially reduced computer processing times (by a factor of 20). Their implementation of improved calculations and their development of improved analysis tools was vital to the success of the every-five-year GDP comprehensive revision. Their efforts have resulted in improved reliability and speed of delivery of these statistics to BEA customers.

**Carol E. Moylan**  
Chief, National Income and  
Wealth Division

**Nicole M. Mayerhauser**  
Chief, Industry Sector Division

**Edward T. Morgan**  
**Clinton P. McCully**  
Supervisory Economists

**Aya Hamano**  
Economist

*Bureau of Economic Analysis*

**Marc Rubin**  
Statistician

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for developing comprehensive measures of economic activity for the U.S. territories of American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the U.S. Virgin Islands. These new statistics—including Gross Domestic Product (GDP) and Personal Income—provide new tools for gauging the economic performance of the territories. Working with the Department of Interior’s Office of Insular Affairs and the U.S. Bureau of the Census, BEA developed new territorial statistics within the framework of the U.S. National Income and Product Accounts.

**Jeremy Wu**

Assistant Division Chief,  
Center for Economic Studies

**Matthew Graham**

**Patrick Hayward**

Geographers

**Walter Kydd**

Supervisory Information  
Technology Specialist

**Chaoling Zheng**

Information Technology Specialist

**Colleen Flannery**

Supervisory Marketing Specialist

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for the innovative use of web-based technology to create and advance OnTheMap for rapid viewing and analysis of massive quantities of data. With detail at the census block level, the application and its underlying data go far beyond traditional tools for measuring local or regional workforce data, economic development, transportation planning, emergency management and educational progress. OnTheMap has changed the way data users receive and process information and is fueling growing demand for data visualization methods.



*Silver Medal*

**LEADERSHIP**

**David N. Beede**

**Beethika S. Khan**

Economists

*Office of Policy Development*

*Economics and Statistics Administration*

The group is recognized for superior work in the development of a comprehensive analytic report on the state of the middle class in America. The report was prepared at the request of the Vice President and represents months of exhaustive analysis to define what it means to be middle class in America today and what it takes to sustain a middle class lifestyle at various income levels. This is a groundbreaking study that will shape the development of policies aimed at the middle class and influence economic planning over the coming decade.



**John M. Bushery**  
**Pamela D. McGovern**  
Mathematical Statisticians

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for developing a comprehensive set of statistical quality standards that will ensure more accurate, reliable, timely and effective information about the people and economy of the United States, while reducing the burden to respondents and taxpayers. They researched best practices, achieved the consensus and support of Census managers and produced the standards in record time. These standards demonstrate the Bureau's commitment to quality and transparency, promote confidence in our products and improve our reputation within the global statistical community.

**Barbara LoPresti**  
Chief, Technologies  
Management Office

*U.S. Census Bureau*

*Economics and Statistics Administration*

Ms. LoPresti is recognized for innovative automated solutions that facilitated the listing of housing units in densely populated areas, for establishing a multi-tiered help desk to resolve technical problems arising during field operations and for developing systems to support the Census Coverage Measurement Program. She designed, developed and deployed critical systems on an extremely compressed schedule. Her achievement was essential to the successful completion of Address Canvassing and the re-engineering of the 2010 Census.

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Michael Armah**  
**Brendan Leary**  
Supervisory Economists

**Teresita Teensma**  
Economist

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is honored for personal and professional excellence in implementing the new classification for consumer spending in the U.S. economic accounts. The new system provides policymakers and the American public with a contemporary classification that more accurately reflects today's U.S. economy. Through careful planning, the new classification was implemented seamlessly and thoroughly, and BEA customers and supervisors were provided with innovative, easy-to-understand briefings on the impacts of the changes.

**J. Gregory Robinson**  
Statistician

*U.S. Census Bureau*

*Economics and Statistics Administration*

Dr. Robinson is recognized for his extraordinary contribution to the field of demographic analysis and its application to coverage evaluation in five Decennial Censuses. His groundbreaking work has enabled the Census Bureau to evaluate the differential coverage of the Census for age, gender, and race groups. These estimates of coverage have been used to inform the planning for each successive Census and to measure improvements in coverage over the decades.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Erich H. Strassner**

Chief, Industry Applications Division

**Robert E. Yuskavage**

Chief, Balance of Payments Division

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is recognized for developing expanded statistics on the use of energy, materials, and purchased services by industry, which are critical for understanding structural change and its implications for the competitiveness of U.S. businesses in a global economy. The introduction of KLEMS statistics in 2005 and the expansion of these statistics to examine the role of outsourcing and offshore outsourcing paved the way for new developments in understanding the sources of growth, productivity, and its implications for U.S. GDP (Gross Domestic Product).

**Clifford H. Woodruff III**

**Sharon D. Panek**

Supervisory Economists

**Frank T. Baumgardner**

**Matthew J. McCormick**

**Yolanda B. Langford**

**Ralph M. Rodriguez**

Economists

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is honored for their efforts in accelerating by a full year the release of gross domestic product by metropolitan area economic statistics. This work required superior technical skill and coordination to develop methods to overcome difficulties in key source data and to test, review, and modify the accelerated statistics within the tight timeframe required by the release schedule. The advanced schedule provides businesses and economic policy makers with key data a year sooner than before.

## **CUSTOMER SERVICE**

**Pamela Kelly**  
**Benjamin Mandel**  
**Mark Ludwick**  
**Zoe Ambargis**  
Supervisory Economists

**Rebecca Bess**  
**Hope Franklin**  
Economist

**Thomas McComb**  
Mathematical Statistician

*Bureau of Economic Analysis*

*Economics and Statistics Administration*

The group is honored for customer service in providing fast and effective information about the economic effects of the American Recovery and Reinvestment Act (ARRA). They compiled vital information from a multitude of sources and presented it on BEA's Web site. They further assisted customers on how to calculate and analyze regional impacts of ARRA and simultaneously improved the delivery of these statistics. Their efforts set a new standard of excellence in customer service.

## **ADMINISTRATIVE/TECHNICAL SUPPORT**

**Janet R. Cummings**  
**Gail A. Leithauser**  
Assistant Division Chiefs,  
Field Division

**Miguel B. Perez**  
**Annetta Clark Smith**  
Assistant Division Chiefs,  
Decennial Management Division

**Timothy J. Devine**  
Supervisory Survey Statistician

**Edward L. Kobilarcik**  
Supervisory Program Analyst

**Neala L. Jones**  
Program Analyst

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is recognized for validating the cost model assumptions for the 2010 Census Non-Response Follow-Up (NRFU), a \$2.74 billion operation, which accounts for a major part of the entire program budget. They reevaluated the logic of the NRFU cost model, using fresh data acquired in the 2009 Address Canvassing operation. They updated 20 components of the cost model and prepared cost estimates for more than 1,000 likely scenarios. Their work ensured funding sufficient to deliver the Constitutionally-mandated population count for the Nation by December 31, 2010.

**Sandra J. Patterson**  
**Alessandro Rebaudengo**  
Program Managers

**Viola Lewis Willis**  
Supervisory Program Analyst

**Karen S. Seebold**  
Program Analyst

**Philip G. Bettwy**  
Supervisory Management Analyst

**Cathy A. Ayoob**  
**Lisa B. Stewart**  
**Jeffery T. Seibert**  
Supervisory Information  
Technology Specialists

**Tanya P. Booth**  
Information Technology Specialist

*U.S. Census Bureau*

*Economics and Statistics Administration*

The group is being honored for developing and implementing the Decennial Security Screening Program. They introduced innovative enhancements to the security screening process for all temporary hires for the 2010 Census. These included deploying Livescan fingerprint devices to capture and transmit fingerprints electronically in support of rapid completion of FBI background checks on more than one million applicants. Their work has bolstered public confidence in the Bureau's commitment to protecting the integrity of Census data and spurred permanent improvements in the investigation process.

## **INTERNATIONAL TRADE ADMINISTRATION**



### **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Catherine Vial**  
**Man Cho**  
Supervisory International  
Trade Specialists

**Brian O'Hanlon**  
**Ryan Mulholland**  
International Trade Specialists

*Manufacturing and Services*

**Kristie DiLascio**  
**Joshua Wu**  
International Trade Specialists

*Market Access and Compliance*

**Bryan Larson**  
Commercial Officer

**Hongying Cai**  
Commercial Specialist

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

**Joel Blank**  
Attorney

*Office of the General Counsel*

*International Trade Administration*

The team is recognized for persuading China to remove a 70 percent domestic content requirement policy on wind turbines, a protectionist policy impeding US companies' participation in China's wind market. This was an important win in the clean energy sector, a priority for Secretary Locke. The team showed exemplary cross-unit cooperation in persuading China to remove the policy at the 2009 JCCT, ending a key "Buy China" policy.

China's renewable energy market will reach \$100 billion by 2020. U.S. wind exports to China could rise to \$100 million due to this policy removal.



## LEADERSHIP

### **John E. Peters**

Senior Commercial Officer

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

*International Trade Administration*

Mr. Peters is recognized for leading the Department of Commerce's operations in Japan. He has created a seamless Department of Commerce presence; expanded export successes; dramatically increased counseling for U.S. companies and focused his team on key Departmental priorities. He exemplifies the highest level of integrity and leadership in mentoring scores of Locally Employed Staff and Foreign Service Officers. As a Career-Minister in the USFCS, Mr. Peters has also served with distinction as Senior Commercial Officer in Seoul, Moscow, and New Delhi and drew on that experience to implement a system delivering outstanding results.

## PERSONAL AND PROFESSIONAL EXCELLENCE

### **Megan Crowe**

International Economist

*Manufacturing and Services*

### **Renee Hancher**

International Economist

*Market Access and Compliance*

*International Trade Administration*

The group is cited for developing an innovative program to bring together interagency partners, industry, academia, and the Asia Pacific Economic Cooperation (APEC) Food Safety Cooperation Forum to implement the APEC Partnership Training Institute Network, a dynamic public/private partnership that works to improve the safety and flow of trade in processed foods through the APEC region. The nominees continue to work with the FSCF co-chairs, Australia and China, to develop a robust calendar of training workshops and seminars throughout the APEC region to address the standards- and trade-related needs of food exporters and importers.

**Jeffrey Gren**

Director, Office of Health and  
Consumer Goods

**Emily Arakaki**

International Economist

**Abby Pratt**

International Trade Specialist

*Manufacturing and Services*

**Charles Siner**

**Ellen Szymanski**

International Trade Specialists

**Lisa Rigoli**

**Vince H. Suneja**

Trade Compliance Officers

*Market Access and Compliance*

**Rosemary Gallant**

Principal Commercial Officer

**Landon Loomis**

Commercial Officer

**Shuyu Sun**

Senior Commercial Specialist

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

*International Trade Administration*

The group is recognized for accomplishments during in the period October 2008 to November 2009 leading and implementing programs under the US – China JCCT Pharmaceutical and Medical Devices Subgroup with China’s Food and Drug Administration. This Subgroup’s work has led to significant improvement in China’s regulatory regimes resulting in increased opportunities for exports of U.S. health products, while also increasing the quality of health products. An additional accomplishment of the Subgroup is establishing a China–U.S. dialogue on stopping the spread of counterfeit medicines which has led to meaningful results.

**Matthew Howard**

**Morgan Barr**

**William McElnea**

International Economists

*Manufacturing and Services*

**Alex Folk**

Industrial Specialist

*National Institute of Standards  
and Technology*

*International Trade Administration*

The group is recognized for exceptional performance throughout a two-year period from summit to summit to establish Department of Commerce’s Sustainable Manufacturing Initiative(SMI) – Commerce’s first comprehensive effort to identify and address the sustainability needs of U.S. industry. The SMI has succeeded in linking ITA and NIST to significantly improve access to sustainable business programs and resources for U.S. businesses and increase nationwide awareness of sustainable manufacturing’s benefits. This advanced the Department’s mission of enhancing U.S. industry competitiveness and environmental stewardship.

**Barbara Tillman**  
Senior Director, AD/CVD  
Enforcement Office

**Gene Calvert**  
**Christopher Mutz**  
**Jun Jack Zhao**  
International Trade  
Compliance Analysts

**Mark Hoadley**  
Supervisory International Trade  
Compliance Analyst

**Jesse Cortes**  
Import Policy Analyst

**Shauna Lee-Alaia**  
**Richard Herring**  
Senior Policy Analysts

*Import Administration*

**Natasha Robinson-Coates**  
**Robert Nielsen**  
Attorneys

*Office of the General Counsel*

*International Trade Administration*

The group is recognized for successfully conducting the first countervailing duty (CVD) investigation against the Socialist Republic of Vietnam. Through an intensive and comprehensive investigation, the group demonstrated exceptional skill in applying the countervailing duty law to unfair trade practices in a country that has ramped up its exports to the United States. The application of the CVD law to Vietnam enhances the Department's ability to counter unfair trade and preserve jobs.

## **MINORITY BUSINESS DEVELOPMENT AGENCY**



*Gold Medal*

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Eric Dobyne**  
Regional Director

*Chicago National Enterprise Center*

*Minority Business Development Agency*

Mr. Dobyne is recognized for leading the creation of the Minority Investment Management Forum. The Forum resulted in increased investments for minority asset managers in both public and private sector retirement funds. This program directly resulted in nearly \$1 billion in procurement transactions for minority-owned firms. Due to this success, the Minority Investment Management Forum will be duplicated and expanded to include brokers and other financial services companies.



*Silver Medal*

**PERSONAL AND PROFESSIONAL EXCELLENCE**

**Efrain Gonzalez**

**Leticia Banuelos La Voy**

Supervisory Business Development Specialists

**Bridget Gonzales Young**

Supervisory Public Affairs Specialist

**Bernice Martinez**

Business Development Specialist

**Ivonne Cunarro**

Chief Knowledge Officer

**Tillie Welch**

Secretary

*Minority Business Development Agency*

The group is recognized for its successful efforts in bringing together over 135 individuals comprised primarily of minority business enterprises, financial institution representatives, trade organizations, federal agency representatives, and elected officials to MBDA's access-to-capital forum. As a result, MBDA documented new concepts for increasing the flow of capital to minority businesses and confirmed community support within key Federal agencies for advocacy on behalf of minority businesses.

**NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY**



*Gold Medal*

**LEADERSHIP**

**Thomas R. O'Brian**

Chief, Time and Frequency Division

*Physics Laboratory*

*National Institute of Standards and Technology*

Dr. O'Brian is cited for his leadership in developing and disseminating the Nation's standard of civilian time, the world's most precise absolute measurement of any kind. As Chief of NIST's Time and Frequency Division, he is responsible for programs ranging from basic research, to the development of frequency standards, to the operation of radio stations that broadcast signals used by millions of people throughout North America. The Division's primary clock is precise to better than one second in 3 billion years. Its Internet Time Service averages more than 3 billion requests every day.



**Ronald S. Ross**  
Supervisory Computer Scientist

**Marianne Swanson**  
Supervisory Information  
Technology Specialist

**Patricia R. Toth**  
Computer Scientist

**L. Arnold Johnson**  
**Kelley L. Dempsey**  
Information Technology Specialists

**Peggy N. Himes**  
Computer Assistant

*Information Technology Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for its interagency leadership and technical excellence in creating the Risk Management Framework, a methodology for incorporating sound security risk management practices throughout the information system life cycle. This work, performed in support of FISMA, has been adopted government-wide to improve the security of USG systems and information. The impact of the work includes preventing compromises of government systems and information, increasing confidence in sharing data and services among agencies, and lowering security operational costs.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Samuel P. Benz**  
**Paul D. Dresselhaus**  
Physicists

**Charles J. Burroughs**  
**Thomas L. Nelson**  
**Bryan C. Waltrip**  
Electronics Engineers

*Electronics and Electrical  
Engineering Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for improving the accuracy of electric power metrology by developing the “Quantum Watt,” the world’s first quantum-based electric power standard. The standard integrates new precision measurement techniques with a quantum voltage reference to produce a best-in-the-world calibration system for electric power, with 10-fold improvement in measurement uncertainty. This improved accuracy already provides a significant competitive advantage for U.S. electric power meter manufacturers and will enhance the Nation’s ability to monitor and control its electric power grid.

**Albert J. Fahey**  
**Nicholas W. Ritchie**  
**John Henry J. Scott**  
**David S. Simons**  
Physicists

**George A. Klouda**  
**Scott A. Wight**  
Research Chemists

**Dale E. Newbury**  
NIST Fellow

**John A. Small**  
Supervisory Research Chemist

**Barbara B. Thorne**  
Information Technology Specialist

**Cynthia J. Zeissler**  
Physical Scientist

*Chemical Science and  
Technology Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for developing a world-class measurement science and standards program that supports U.S. and international atomic detection systems with critical measurement capabilities, which include innovative measurement techniques and instrumentation, advanced automation and data interpretation software, and quality assurance procedures including standards and methods validation. Their untiring efforts have led to expanded analytical capabilities and greater confidence in the U.S. and the IAEA data on worldwide nuclear non-proliferation in support of the 1963 Limited Test Ban Treaty.

**Keith R. Lykke**  
Supervisory Chemist

**Steven W. Brown**  
Physicist

**George P. Eppeldauer**  
Electronics Engineer

*Physics Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for developing and deploying SIRCUS, the most advanced facility in the world for the calibration of optical sensors used on satellites for predicting weather and climate, space telescopes for understanding the cosmos, and marine buoys for assessing ocean temperature and environmental health. SIRCUS ties optical sensor measurements to NIST primary standards with the lowest uncertainties, ensuring measurement accuracy, comparability, and traceability.

**Antonio M. Possolo**  
Supervisory Statistician

*Information Technology Laboratory*

*National Institute of Standards  
and Technology*

Dr. Antonio Possolo is honored for his extraordinary dedication and technical achievements in the application of statistical methods to measurement science to characterize and improve the estimates of areas dedicated to illicit coca cultivation. His realistic assessment of uncertainty of these estimates, and his proposals for how the data may best be exploited, are outstanding contributions that will enable the CIA's Crime and Narcotics Center to enhance its estimates of coca production, a key element in shaping the Nation's counterdrug policy.

**Kirk D. Rice**  
Supervisory Physical Scientist

**Michael A. Riley**  
**Amanda L. Forster**  
Physical Scientist

**Nathaniel E. Waters**  
Engineering Technician

*Electronics and Electrical  
Engineering Laboratory*

**Joannie W. Chin**  
Supervisory Materials  
Research Engineer

**Gale A. Holmes**  
Materials Research Engineer

*Building and Fire Research Laboratory*

**James J. Filliben**  
**Dennis D. Leber**  
Mathematicians

*Information Technology Laboratory*

**Gordon S. Gillerman**  
Supervisory Physical Scientist

**Hazel M. Richmond**  
Physical Scientist

*Technology Services*

*National Institute of Standards  
and Technology*

The group is recognized for the development of innovative methods to test ballistic resistance and long-term durability of body armor, resulting in a new National Institute of Justice (NIJ) standard for body armor and potentially saving thousands of lives. Their work was precipitated by an incident in Forest Hills, PA, where an officer was seriously wounded in 2003 when his PBO body armor was penetrated by a bullet it was rated to stop. NIJ turned to NIST to unravel the mystery that jeopardized hundreds of thousands of officers nationwide.



*Silver Medal*

## **LEADERSHIP**

**Lisa J. Carnahan**  
Supervisory Computer Scientist

**John J. Garguilo**  
**Mary T. Laamanen**  
**Sandra Martinez**  
**Andrew B. McCaffrey**  
**Gavin W. O'Brien**  
**Robert D. Snelick**  
Computer Scientists

**William J. Majurski**  
Electronics Engineer

*Information Technology Laboratory*

*National Institute of Standards  
and Technology*

The group is recognized for developing a Health IT Testing Infrastructure to support the exchange of electronic health records nationwide. The team developed an innovative testing infrastructure that is the principal assessment tool by which health IT systems are tested. The innovative design of the testing infrastructure has allowed it to make an impact worldwide. This work is accelerating the adoption of interoperable health IT systems, leading to the improvement of quality and the reduction of costs of healthcare internationally.

**James S. Clark**  
Health Physicist

*Office of the Chief Human  
Capital Officer*

*National Institute of Standards  
and Technology*

Mr. Clark is recognized for his action and initiative throughout the NIST-Boulder Plutonium Spill Incident recovery project in his capacity as the COTR managing the decontamination contract. The highest standards of safety were adhered to. The public and the environment were protected from exposure. There is no remaining plutonium anywhere on site. Scientific instruments of national significance were successfully recovered for the continuation of research programs. The affected spaces were all released by the USNRC for unrestricted use.

**John R. Hayes, Jr.**  
Supervisory Research  
Structural Engineer

*Building and Fire Research Laboratory*

*National Institute of Standards  
and Technology*

Dr. Hayes is recognized for outstanding leadership of the National Earthquake Hazards Reduction Program (NEHRP). Through his leadership, management skills and professionalism as Director of NEHRP, he has reenergized and provided new strategic direction to this critical program. In doing so, he has gained the support and respect of the NEHRP agencies, Congressional staff and the earthquake safety community nationwide. Dr. Hayes' achievements are leading to a substantial reduction in risks of losses of life and property in future earthquakes in the United States.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Craig M. Brown**  
Research Chemist

*NIST Center for Neutron Research*

*National Institute of Standards  
and Technology*

Dr. Brown is recognized for his pioneering research on hydrogen storage materials. His work identifies key factors that govern the adsorption of hydrogen in metal-organic framework compounds and highlights the importance of coordinatively unsaturated metal centers in enhancing the binding energy of hydrogen molecules in sorbent materials. His findings address one of the largest obstacles in the road to the development of safe, practical hydrogen storage systems that operate at room temperature.

**Thomas J. Bruno**  
Research Chemist

*Chemical Science and  
Technology Laboratory*

*National Institute of Standards  
and Technology*

Dr. Bruno is recognized for developing a method for analyzing complex fluid mixtures, application of this method to important current problems, and transfer of the methodology and results to the industrial and governmental communities that have this requirement. The measurements have been used to analyze such fluids as fuels (i.e., biofuels, sustainable liquids), crude oils, and mixed wastes. The method is now required prior to certification of the next generation of flight fuels for the U.S. Air Force. A major chemical equipment company is in the process of commercializing the technology.

**Thomas A. Germer**

Physicist

*Physics Laboratory**National Institute of Standards  
and Technology*

Dr. Germer is recognized for developing innovative light-scattering measurement instruments, standards, and mathematical models to enhance the capability of the micro and nanoelectronics industry to inspect wafers for particle contamination and defects and to ensure critical dimensions are met in fabrication processes. He has demonstrated compelling applications of light scattering in medical imaging, astronomy, satellite calibration, and high-performance coatings manufacture. Dr. Germer's contributions include widely disseminated modeling codes and short course offerings.

**Joseph C. Woicik**

Physicist

*Materials Science and  
Engineering Laboratory**National Institute of Standards  
and Technology*

Dr. Woicik is recognized for developing the first synchrotron-based X-ray spectroscopy method for direct measurement—independent of atomic structure models—of the nature of individual, site-specific chemical bonds in advanced materials. This capability has already provided accurate measurements of the density of electronic states and energy levels in cutting-edge electronic and catalytic materials. Researchers worldwide have access to Dr. Woicik's method through the DOE General User Program at the National Synchrotron Light Source, Brookhaven National Laboratory.

**Eite Tiesinga**

Physicist

*Physics Laboratory**National Institute of Standards  
and Technology*

Dr. Tiesinga is recognized for his research enabling the application of cold atoms in precision metrology, atomic clocks, and basic science. He pioneered key theoretical developments on magnetic control of interactions between cold atoms. His work has improved the fundamental metrology of ultracold atoms, impacted the precision of clocks, and opened new directions for the science of quantum fluids, quantum information and computing, and ultracold chemistry.

# NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



*Gold Medal*

## LEADERSHIP

### **Mary E. Kicza**

Assistant Administrator for Satellite  
and Information Services and Chair,  
Strategic Implementation Team

### **W. Stan Wilson**

Senior Scientist

### **D. Brent Smith**

Chief, International and  
Interagency Affairs

### **Linda V. Moodie**

Branch Chief, Applications and  
Information Services

### **Kerry A. Sawyer**

Senior International Relations Specialist

### **Mitchell D. Goldberg**

Chief, Satellite Meteorology and  
Climatology Division

### **Changyong Cao**

Research Physical Scientist

### **Kenneth R. McDonald**

Physical Scientist

*National Environmental Satellite,  
Data and Information Service*

*National Oceanic and  
Atmospheric Administration*

The group is recognized for mobilizing space agencies worldwide to achieve demonstrated results in implementing the Global Earth Observation System of Systems (GEOSS) of the intergovernmental Group on Earth Observations (GEO). NOAA leadership secured concrete commitments—the first ever—from heads of over 20 space agencies to

address gaps in observation for priority societal needs. Such needs included the global monitoring of greenhouse gases from space and forest carbon tracking as identified by GEO, the Group of Eight Industrialized Nations, and the United Nations Framework Convention on Climate Change.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

### **Shobha Kondragunta**

Physical Research Scientist

*National Environmental Satellite,  
Data and Information Service*

*National Oceanic And  
Atmospheric Administration*

Dr. Kondragunta is recognized for her contributions to NOAA's air quality program by developing a suite of new products from NOAA satellites, which include atmospheric smoke concentration, burned area, biomass fuel load, trace gas and aerosol biomass burning emissions, and nitrogen dioxide. Her collaborations with other agencies have led to the application of these products in various air quality decision support systems at EPA and the National Weather Service.

### **Arthur A. Taylor**

Physical Scientist

*National Weather Service*

*National Oceanic and  
Atmospheric Administration*

Mr. Taylor is recognized for developing and implementing the first-ever ensemble probabilistic hurricane storm surge model into operations at NWS National Hurricane Center. It is run whenever a tropical system is forecast to reach hurricane strength within 48 hours of landfall. It plays a substantial role in quantifying a "range of possibilities" and uncertainty that aid forecasters in formulating the NWS official surge forecast. As a result, Emergency Managers now have a powerful decision support assistance tool for making life-impacting and costly evacuation decisions.

### **NOAA Fisheries Northwest Regional Office Northwest Fisheries Science Center Office of the General Counsel for Fisheries**

*National Marine Fisheries Service*

*National Oceanic and  
Atmospheric Administration*

The team is honored for the first widely accepted Biological Opinion for the Federal Columbia River Power System. The plan includes immediate acceleration and enhancement of mitigation activities; expanded means to quickly detect unexpected declines in salmon populations; aggressive measures to reverse declines; and annual financial commitment of \$200 million for recovery measures. The sustained effort over four years is unprecedented in scale and scientific analysis for Pacific Northwest salmon, encompassing 13 major federal dams, over 100 fish hatchery programs and habitats across four States.

## CUSTOMER SERVICE

**Thomas C. Peterson**  
General Physical Scientist

**Sara Veasey**  
Visual Information Specialist

**David M. Anderson**  
Chief, Paleoclimatology Branch

**Eileen Shea**  
Supervisory Physical Scientist

**Jay Lawrimore**  
Chief, Climate Analysis Branch

*National Environmental Satellite,  
Data and Information Service*

**Susan Solomon**  
Senior Scientist for the  
Aeronomy Laboratory

**Chris Miller**  
**Roger Pulwarty**  
Physical Scientists

*Office of Oceanic and  
Atmospheric Research*

*National Oceanic and  
Atmospheric Administration*

This group is recognized for producing, according to the USGCRP, "the most comprehensive and authoritative scientific report" on impacts of global climate change in the United States. When released, Dr. John Holdren of the White House Office of Science and Technology Policy stated, "I think this is a terrific day for the intersection of science and public policy." The report confirmed climate change due to heat-trapping pollution is already occurring and is visible throughout the United States, and the choices we make will determine the severity of its impacts in the future.

## HEROISM

**LT Amy B. Cox**  
NOAA Corps Officer

*Office of Oceanic and  
Atmospheric Research*

*National Oceanic and  
Atmospheric Administration*

LT Cox is recognized for her role in two life threatening situations at the isolated Summit, Greenland research station during the 2008-2009 winter season. First, after a staff member sustained a broken neck, LT Cox immobilized the patient, applied first aid and directed an airborne evacuation. Then, a 3-day search and rescue operation successfully saved a second crew member, who was lost for 70+ hours in a whiteout storm with wind chill temperatures of -80°F. She then directed a second emergency evacuation. LT Cox's skills and leadership were essential to the successful outcome of both incidents.

**Mark C. Cunningham**  
Electronic Technician

*Office of Oceanic and  
Atmospheric Research*

*National Oceanic and  
Atmospheric Administration*

Mr. Cunningham is recognized for extraordinary efforts assisting injured victims of the September 2009 Samoa tsunami. Putting in long, uninterrupted hours, he provided critical first aid, water and shelter for 200 people over 5 days at the remote, isolated NOAA Atmospheric Observatory. On his initiative, he found fuel and operated a generator powering the sole phone link in eastern Samoa. At the same time he stabilized damaged infrastructure at the observatory. His immediate response and sustained actions saved lives and earned NOAA the gratitude of Samoan villagers and government alike.



## **NOAA Ship *Rainier***

*Office of Marine and  
Aviation Operations*

*National Oceanic and  
Atmospheric Administration*

The NOAA Ship *Rainier* is cited for heroism and saving two lives following the sinking of the F/V *Cricket* in open water south of Biorka Island, Alaska on June 10, 2008. Key personnel including the Bosun Group Leader and 12 survey launch personnel were not aboard *Rainier* at the time. The *Rainier* determined the general location of the vessel in distress from an incomplete MAYDAY call, rapidly determined the location of the vessel two miles nearby, decided upon the most effective means of action using the rescue launch, and quickly rescued the two victims. The *Rainier's* swift response saved two lives.

### **Edwin Seui**

Enforcement Officer

*National Marine Fisheries Service*

*National Oceanic and  
Atmospheric Administration*

Enforcement Officer (EO) Edwin Seui is recognized for conduct and action beyond the call of duty. EO Seui responded to a call for help on September 29, 2009, in American Samoa when tsunami waters struck the village of Leone. He spotted his neighbor Bati Tuaua, physically handicapped since birth and unable to move with ease, in the tidal wave surge. Grabbing hold of Mr. Tuaua, EO Seui kept his neighbor's head above water while the surge pulled them through the village. As the water subsided, another villager helped EO Seui drag Mr. Tuaua to higher ground and safety.



## *Silver Medal*

### **LEADERSHIP**

#### **Alan Leonardi**

Program Manager

*Office of Oceanic and  
Atmospheric Research*

*National Oceanic and  
Atmospheric Administration*

Dr. Leonardi is recognized for his leadership and innovation in creating a NOAA-wide contribution to the Ocean feature in the Google Earth product and for contributing as a leading member of the Google development team, bringing NOAA and other federal agency data to the attention of the public in an imaginative and compelling form. As a result of his leadership, coalition building, and cooperative engagement of non-traditional parties, information is now able to reach millions of people in the United States and abroad, through Google and Google Earth.

#### **Anne Walton**

Program Specialist

*National Ocean Service*

*National Oceanic and  
Atmospheric Administration*

Ms. Walton is recognized for providing exceptional leadership in improving marine protected areas (MPA) management capacity around the world. MPAs are increasingly seen as one of the most important ways to address growing lists of marine resource issues, and yet high-quality training experiences commensurate with this emphasis are lacking. Ms. Walton is meeting this demand head on, leading training efforts that move MPAs around the world from being "paper parks" to being fully functional protected areas.

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

**Derek Wroe**  
Senior Forecaster

**Raymond Tanabe**  
Warning Coordination Meteorologist

*National Weather Service*

**Chad Yoshinaga**  
Program Management Specialist

*National Marine Fisheries Service*

**CDR Anita L. Lopez**  
Commanding Officer, NOAA Ship  
*Oscar Elton Sette*

*Office of Marine and  
Aviation Operations*

*National Oceanic and  
Atmospheric Administration*

The group is honored for their proactive activities leading to the timely and potentially life saving decision to evacuate 17 federal employees, contractors, and volunteers from remote island camps in the Papahānaumokuākea National Monument in advance of Hurricane Neki, October 18-23, 2009. Due to the extreme isolation, the evacuation necessitated a high risk landing on a short runway by a USCG C-130 at Tern Island and diversion of the NOAA Ship *Oscar Elton Sette* to evacuate Laysan Island. This unprecedented effort was prompted by the first ever Hurricane Watch and Warning issued for the Monument.

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Aviation Weather Center  
National Centers for Environmental  
Prediction, Central Operations**

*National Weather Service*

*National Oceanic and  
Atmospheric Administration*

The organizations are recognized for exceptional teamwork and accomplishment in developing and implementing the Graphical AIRMET. This new aviation weather advisory product has elevated the safety of our skies by providing five times more temporal and spatial resolution to better warn of potential hazards. This product has revolutionized aviation safety and air space utilization by improving aeronautical decision-making and increasing situational awareness. The project included design, development, testing, implementation and complex coordination among numerous user groups and agencies.

**David Levinson**  
**Howard J. Diamond**  
Physical Scientists

**Kenneth Knapp**  
Meteorologist

*National Environmental Satellite,  
Data and Information Service*

*National Oceanic and  
Atmospheric Administration*

The group is recognized for developing the world's first centralized repository of hurricane track data—the International Best Track Archive for Climate Stewardship (IBTrACS). This endeavor required unprecedented coordination between over a dozen national meteorological centers worldwide, as well as the creation of a revolutionary approach for integrating and quality assuring hurricane track data from numerous disparate sources. Just completed in 2008, IBTrACS has already been formally adopted as an official archive of the World Meteorological Organization.

**Matthew Menne**  
**Claude Williams**  
Physical Scientists

*National Environmental Satellite,  
Data and Information Service*

*National Oceanic and  
Atmospheric Administration*

This group is recognized for groundbreaking advances in climate data preservation and analysis. The researchers developed the next generation U.S. Historical Climatology Network dataset, which provides climate scientists and decision-makers with the authoritative source of data for understanding climate change in the United States. Achievements include cutting-edge solutions that identify and remove previously undetected artificial discontinuities from the U.S. temperature record, making it possible to accurately assess the extent to which the climate of the Nation has changed.

## CUSTOMER SERVICE

**Weather Forecast Office,  
Grand Forks, North Dakota  
North Central River Forecast Center**

*National Weather Service*

*National Oceanic and  
Atmospheric Administration*

WFO Grand Forks and North Central River Forecast Center are recognized for providing extraordinary on-site and remote decision support services to eight separate locations, in addition to issuing critical, life-saving warnings, when record flooding impacted the entire Red River of the North Basin. Exemplary collaboration between federal, state, and local agencies included the unprecedented use of unmanned aerial surveillance "predator" drones to collect and integrate aerial reconnaissance data of overland flooding into hydrologic models.

**Weather Forecast Office,  
Buffalo, New York**

*National Weather Service*

*National Oceanic and  
Atmospheric Administration*

WFO Buffalo is recognized for exceptional efforts to support the recovery operation of the Continental Flight 3407 accident, claiming 50 lives near Buffalo on February 12, 2009. WFO personnel responded in the middle of the night to provide extraordinary support services including deployment of an on-site meteorologist to the emergency operations center and initiating 43 site-specific forecasts for rapidly changing weather conditions at the site. As a result, the recovery operation was completed in advance of a severe winter storm that would have significantly hindered the investigation.

## NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



*Gold Medal*

### LEADERSHIP

**Bernadette McGuire-Rivera**  
Associate Administrator for  
Telecommunications and  
Information Applications

**Anthony Wilhelm**  
Deputy Associate Administrator  
for Infrastructure

**Anita Wallgren**  
Communications Policy Specialist

**Wayne Ritchie**  
Management and Program  
Analysis Officer

**Mary Louise Kenny**  
**Barbara Brown**  
Communications Program Specialists

**Maureen Lewis**  
**Francine Jefferson**  
Telecommunications Policy Analysts

**Sandra Stewart**  
Administrative Specialist

*Office of Telecommunications and  
Information Applications*

**Diane Simmons**  
Program Analyst

*National Institute of Standards  
and Technology*

*National Telecommunications and  
Information Administration*

The group is honored for innovative implementation and management of the unprecedented TV Converter Box Coupon Program. The Program informed all Americans how to prepare for the transition to digital TV. NTIA issued more than 64 million coupons to

reduce the cost of television converter boxes. NTIA also worked with multiple partners to ensure consumers throughout the country understood and planned for the transition. The Program significantly exceeded expectations and was a critical factor in the United States smooth and successful transition to digital TV.

## **PERSONAL AND PROFESSIONAL EXCELLENCE**

### **Fiona Alexander**

Associate Administrator for  
International Affairs

### **Laurence Atlas**

Senior Advisor

### **Jane Coffin**

### **Vernita Harris**

### **Ashley Heineman**

### **Suzanne Sene**

Telecommunications Policy Specialists

*Office of International Affairs*

### **Kathy Smith**

Chief Counsel

### **Stacy Cheney**

Attorney Advisor

*Office of the Chief Counsel*

*National Telecommunications and  
Information Administration*

Navigating complex challenges, while under intense scrutiny from Congress and the international community, the group completed with unprecedented success a 10-year long program, to privatize the coordination of the Internet Domain Name System (DNS), a critical component of the Internet infrastructure. The group performed exceptional services by establishing a new permanent framework for global DNS coordination that is accountable to Internet users worldwide, an outcome that assures the continued stability, security, and reliability of the Internet and continued private sector investment.



*Silver Medal*

## **SCIENTIFIC/ENGINEERING ACHIEVEMENT**

**Frank Sanders**

**John Carroll**

**Geoffrey Sanders**

Electronics Engineers

*Institute for Telecommunication Sciences*

**Robert Sole**

Electronics Engineer

*Office of Spectrum Management*

*National Telecommunications and  
Information Administration*

The group is recognized for identifying the cause of nationwide radio interference to safety-of-life air traffic control radars, providing diagnostics to the agency operating the radars to identify the problem, and providing solutions for the problem. The affected radars provide microburst warnings to air traffic control. The solutions provided by the group involve changes in the design, testing, and deployment of interfering transmitters. The group's accomplishment will ensure that radar microburst warnings at airports across the country continue to function without interference.

## **OFFICE OF THE GENERAL COUNSEL**



*Silver Medal*

## **LEADERSHIP**

**Kathryn Nickerson**

Senior Counsel

*Office of the General Counsel*

Ms. Nickerson is honored for her work with colleagues at other bureaus and agencies, with foreign counterparts, and with the Organization for Economic Cooperation and Development (OECD) on the development of guidance to prevent corruption in international commercial transactions. Bribery by foreign competitors and requests for bribes by foreign officials are a major impediment to U.S. exports. The OECD Recommendation on Combating Bribery of Foreign Officials represents a major step forward in eliminating this barrier to exports.

## OFFICE OF INSPECTOR GENERAL



*Gold Medal*

### PERSONAL AND PROFESSIONAL EXCELLENCE

**Carol Rice**

Supervisory Program Analyst

**Patricia Derr**

Mathematician

**Eleazar Velazquez**

Senior Program Analyst

**David Petrocci**

**Jeffrey Stitz**

**Thais Wright**

Auditors

**Matthew Shuman**

**Peter Sima-Eichler**

Program Analysts

**Matthew Katz**

**Michael Fruitman**

Writer/Editors

#### *Office of Inspector General*

The team is recognized for its exemplary planning, coordination, and execution of a comprehensive review of the 2010 Decennial Census. Deploying more than 100 OIG staff to field operations nationwide and analyzing the resulting data, the group—through initiative and innovation—produced reports and Congressional testimony containing important, real-time recommendations for modification of Decennial Census activities.

The impact of this work was felt immediately, improving Census operations now and providing insight for 2020 Decennial planning.



*Silver Medal*

### PERSONAL AND PROFESSIONAL EXCELLENCE

**John Bunting**

**David C. Rose**

**Kathleen McKeivitt**

Supervisory Auditors

**Besufekad Tadesse**

Program Analyst

**Shawn Lewis**

Auditor

**Angela Hoffman**

Information Technology Specialist

**Ann Eilers**

Senior Adviser and Project Lead,  
Recovery Act Oversight Task Force

#### *Office of Inspector General*

The team is recognized for its proactive oversight of the \$4.7 billion Broadband Technology Opportunities Program—a Recovery Act program constituting the largest grants program that the Department has ever implemented. All funds had to be awarded within 18 months. The team gave NTIA real-time advice on strengthening controls and provided training to NTIA staff and over 1,800 grants applicants. NTIA implemented several of the team's recommendations during the reviews, improving program operations and helping ensure better broadband infrastructure deployment nationwide.

# UNITED STATES PATENT AND TRADEMARK OFFICE



*Silver Medal*

## LEADERSHIP

### **Margaret A. Focarino**

Deputy Commissioner for Patents

### **Andrew I. Faile**

### **Bruce M. Kisliuk**

Assistant, Deputy Commissioner  
for Patents

### **Robert D. Budens**

Patent Examiner, President of POPA

### **Kathleen Duda**

Patent Examiner, Secretary of POPA

### **Howard J. Locker**

Patent Examiner, Vice President  
of POPA

### **Pamela R. Schwartz**

Patent Examiner, Assistant Secretary  
of POPA

### **Katherine A. Matecki**

Technology Center Director

### **Susie S. Huson**

Management and Program Analyst

### **Maria T. Holtmann**

Information Technology  
Project Specialist

*Commissioner for Patents*

*United States Patent and  
Trademark Office*

The group is recognized for developing and implementing the first significant changes to the patent examiner work credit system in more than 30 years. This joint union and management task force developed initiatives that focuses on quality work upfront in the process, provided more overall time for examination of applications and incentives for identifying allowable

subject matter earlier in prosecution and rebalanced internal and external incentives in order to decrease rework. The work of the task force sets the foundation for long-term improvements in efficiency of examination.

## Office of Patent Training

*Commissioner for Patents*

*United States Patent and  
Trademark Office*

The organization is honored for achieving the ISO 9001:2008 certification. This significant milestone demonstrates the USPTO's commitment to improving value to our customers and overall organizational performance, and the Office's responsibility to provide the best training services for new patent examiners. It confirms that the Patent Training Academy has defined and documented standards to ensure that processes are in place to achieve consistent quality products and services, thereby allowing American innovators to obtain enforceable intellectual property rights globally.



## EXTERNAL AWARDS

### Arthur S. Flemming Awards

#### Dr. Steven W. Brown

Physicist

*Physics Laboratory*

*National Institute of Standards  
and Technology*

Dr. Brown was recognized for advances in light measurement and its application to the remote sensing of the Earth and space. These advances include the co-development of SIRCUS, the facility for Spectral Irradiance and Radiance Calibrations using Uniform Sources. SIRCUS is an innovative laser-based facility for the high-accuracy calibration and characterization of optical radiation sensors. SIRCUS is revolutionizing the calibration of satellite sensors by improving the ability to detect the small decadal-scale changes in the Earth's environment due to climate change.

#### Dr. Marla L. Dowell

Physicist

*Electronics and Electrical  
Engineering Laboratory*

*National Institute of Standards  
and Technology*

Dr. Dowell was recognized for sustained exceptional leadership of the world's most comprehensive program in laser metrology. Leveraging her excellent management skills and broad technical expertise, she has transformed NIST's laser metrology and standards program into an extremely effective, customer-focused provider of world-leading measurement services. Dr. Dowell's team has accelerated the development of a new class of test equipment, provided traceability to the semiconductor manufacturing industry with best-in-the-world accuracy for all UV laser instruments, and enabled high-power laser calibrations for critical U.S. defense programs with unique detector designs and coatings.

**Dr. John Kitching**

Physicist

*Physics Laboratory**National Institute of Standards  
and Technology*

Dr. Kitching was recognized for leading a world-class research program to develop ultraminiature devices bringing atomic measurement precision to a wide range of applications. Dr. Kitching leads a team combining laser physics, atomic physics, and microelectronics to pioneer new technologies including ultraminiature atomic clocks, magnetometers, gyroscopes, and other devices. The extremely small size, low power consumption, and excellent sensitivity of these devices open new applications in areas such as navigation and positioning, medical imaging, communications, and detection of threats.

**Dr. Dietrich Leibfried**

Physicist

*Physics Laboratory**National Institute of Standards  
and Technology*

Dr. Leibfried was recognized for conceiving and demonstrating the geometric phase gate, the most versatile and productive way to perform operations in a quantum computer. The team he helps lead has used the geometric phase gate to demonstrate a long string of world's firsts and bests in quantum computing research, culminating in the recent demonstration of a simple fully programmable quantum computer incorporating all the criteria generally recognized for a scalable, practical quantum computer.

**Dr. Eite Tiesinga**

Physicist

*Physics Laboratory**National Institute of Standards  
and Technology*

Dr. Tiesinga was recognized for his work on controlling and understanding the interactions of atoms and using so-called Feshbach resonances to tune or control those interactions. This work has become crucial for neutral atom quantum computing, for creating dipolar molecules with unusual quantum properties, and for understanding Bose-Einstein condensation and superfluidity associated with neutral atoms trapped in laser-generated optical lattices. Such tunable resonances have become an indispensable tool in precise and quantitative experimental control of ultracold quantum gases.

## **Blue Pencil & Gold Screen Award**

### *Census CounterParts*

#### *Principal Contributors:*

**Montgomery F. Wood**

**Christine E. Geter**

Editors

**Elzie R. Golden**

**Omya Alston**

Graphic Artists

#### *U.S. Census Bureau*

#### *Economics and Statistics Administration*

The group was recognized for contributions to *Census CounterParts*, an internal newsletter of the U.S. Census Bureau. *Census CounterParts* is published ten times a year and is distributed across the country.

It provides news articles, personality profiles and feature articles of interest to employees. *Census CounterParts* won 2nd Place in the Internal Newsletter category of the 2010 National Association of Government Communicators (NAGC) Blue Pencil & Gold Screen Awards.

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

*Special thanks to:*

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

**Michael R. Osver**

**Stephen Ramos**

Incentive Awards Program Officers of the Department

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

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

**Dana Matthews . . . . . ESA**

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

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

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

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

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