

*Fifty-Third
Annual Honor Awards
Program*

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

November 7, 2001

Introduction

Honorable Samuel W. Bodman
Deputy Secretary

Presentation of Colors

Armed Forces Color Guard

National Anthem

Stacy F. Hoffman

Address

Honorable Donald L. Evans
Secretary of Commerce

Announcement of Awards

Honorable Otto J. Wolff
Chief Financial Officer and
Assistant Secretary for Administration

Presentation of Gold and Silver Medals

Secretary Evans assisted by Department Officials

Closing Remarks

Honorable Samuel W. Bodman
Deputy Secretary

Soloist

Stacy F. Hoffman



Message from the Secretary

In the wake of the attacks on our country and the tragic loss of lives, including those of two U.S. Department of Commerce employees, public service today takes on a critical new dimension. Under President Bush's strong leadership, our nation – indeed people around the globe – have been drawn together in a common purpose: to fight terrorism and promote freedom and opportunity for all. Economic security is a key element in this battle.

The Commerce Department was created nearly a century ago to advance America's economic security by fostering commerce and trade. The 2001 Honor Awards Ceremony celebrates the extraordinary accomplishments of the dedicated men and women who carry out this historic mission. Their task takes on greater importance now in a world changed by the events of September 11.

Committed to excellence, Commerce employees provide a vast arsenal of tools to U.S. businesses to help them prosper, grow and create new jobs. Among these are programs that promote U.S. exports, sustainable development, advanced technologies, timely statistical and weather data and public safety. This is work that touches on the life of every American and broadens economic opportunities for all.

Our Gold and Silver award recipients are based at home, abroad and on the sea. Their citations cover a diverse range of successes. Each, however, is linked by an achievement that denotes a dedication and selflessness that marks the best in public service. And it is with special pride that we acknowledge our most recent Nobel Prize winner.

Despite the shockwaves generated on September 11, the rock of freedom and democracy remains stable beneath our feet. It is anchored by the talents and sacrifices of those who have chosen public service for their careers.

As we unite together in the war against terrorism, the U.S. Department of Commerce is privileged to celebrate an outstanding team working for the good of the Department, the nation and the world. I am honored to recognize all of our Gold and Silver medal winners.

Donald L. Evans

We Remember



Marion Britton



Waleska Martinez

The Census Bureau suffered the loss of two valued colleagues in the tragic events of September 11, 2001. Marion Britton, Assistant Regional Director, and Waleska Martinez, Automation Specialist, from our New York Regional Office were traveling to a Census Bureau conference and were aboard United Airlines Flight 93 that was hijacked by terrorists and crashed in Pennsylvania.

Marion Britton's career with the Census Bureau spanned 21 years during which she worked with dedication and distinction on all major Regional Office field data collection operations. Waleska Martinez's career with the Census Bureau spanned 13 years during which she worked with a strong commitment to excellence and innovation on all major Regional Office automation operations in support of the Current Survey programs, the Decennial Census, and census tests.

We remember Marion Britton and Waleska Martinez not only as dedicated and distinguished professionals, but as warm and caring individuals.



**CHIEF FINANCIAL
OFFICER AND ASSISTANT
SECRETARY FOR
ADMINISTRATION**



Gold Medal

LEADERSHIP

Debra M. Tomchek
Director, Office of Human Resources
Management

*Chief Financial Officer and Assistant
Secretary for Administration*

Ms. Tomchek is honored for transforming the development and delivery of Human Resources (HR) programs and operations and realigning traditional HR functions to better meet customers' needs. Under her leadership, a series of web-based initiatives were developed which improved the way the Department hires employees, gathers and uses HR statistical information, and measures the timeliness of hiring actions. These actions, along with her efforts to improve outreach efforts have made the HR Community within the Department a model for the rest of the Federal government.



**ADMINISTRATIVE/
TECHNICAL SUPPORT**

Stewart S. Remer
Deputy Chief Administrative Officer
*National Oceanic and Atmospheric
Administration*

Amy Stone (not pictured)
Director, Transition

Thomas R. Kreider (not pictured)
Computer Specialist
*Chief Financial Officer and Assistant
Secretary for Administration*

Billy L. Gallup
Human Resources Specialist
Patent and Trademark Office

Kathleen M. Hurrle
Assistant Division Chief for Programs

Geralynn M. Nies (not pictured)
Sonya Gail Reid
Personnel Management Specialists

Susan A. Reeves
Supervisory Personnel Management
Specialist

Sally A. Sheperd
Computer Specialist

Bureau of the Census

*Chief Financial Officer and Assistant
Secretary for Administration*

This inter-Departmental team is cited for designing, developing, and implementing Commerce Opportunities On Line (COOL), a state-of-the-art system for recruiting and referring job applicants. COOL, an innovative web-based process, has substantially reduced recruitment hiring time, revolutionized the way applicants learn about and apply for vacant positions within the Department, and eliminated the need for paper-intensive record keeping. With COOL, the Department has launched an e-government initiative that reduces paper-related costs and better serves the public.



BUREAU OF EXPORT ADMINISTRATION



Gold Medal

LEADERSHIP

Stephen S. Leacy
Senior International Advisor

Export Enforcement

Bureau of Export Administration

Mr. Leacy is recognized for negotiating the adoption of a standard of effective enforcement by the Wassenaar Arrangement. Adoption of this standard by the Wassenaar Arrangement adds an important measure of security to our multilateral export control arrangements. This standard will reduce the risk that U.S. products will be used in programs to develop weapons of mass destruction and enable the export of sensitive items with greater confidence, promoting responsible economic growth, and trade while protecting American security.



PERSONAL AND PROFESSIONAL EXCELLENCE

Benjamin F. Robinson

Special Agent

Export Enforcement

Bureau of Export Administration

Mr. Robinson is recognized for the investigation and prosecution of Optical Associates Inc., which pleaded guilty in September 2000 to the illegal export of a Mask Aligner to the Bhabha Atomic Research Center located near Mumbai, India. The successful prosecution of Optical Associates Inc., effectively closed down a source for supply of and repair to critical technology used at the Center and demonstrated the Department's active enforcement of the sanctions imposed as a result of the India and Pakistan nuclear tests.



Silver Medal

LEADERSHIP

William J. Denk

Director, Defense Programs Division

Richard V. Meyers

Program Manager for Defense Priorities and Allocations System

Export Administration

Bureau of Export Administration

The group is recognized for improving U.S. national security preparedness by contributing to the development of an international "security of supply" protocol that provides allied nations with priority access to U.S. defense industrial production and, in turn, gives the United States reciprocal priority access to our allies' defense industrial base. Preferential production and timely delivery of industrial products, material, and services mean critical U.S. national defense and civilian needs will be met in times of peace, crisis, and war.

PUBLIC SERVICE OR HEROISM

Katherine A. Everhart

Export Policy Specialist

Export Administration

Bureau of Export Administration

Ms. Everhart is honored for organizing and managing the annual Bureau of Export Administration clothing drive to provide needed garments and other personal belongings to the homeless in the Washington, D.C. Metropolitan Area through Martha's Table. For over twelve years, Ms. Everhart has been the driving force behind this charitable program which has provided Commerce employees with the opportunity to make a difference and give back to the community in which they work. Thousands of Washington's underprivileged have directly benefitted from her compassion and commitment.



Silver Medal

PUBLIC SERVICE OR HEROISM

Tyrone L. Beach
Supervisory Community Planner

Edward L. Hummel
Environmental Protection Specialist

Neal E. Noyes
Economic Development Representative

Robert G. Brown
Leon S. Reed
Public Works Program Specialists

Calvin O. Edghill, Jr.
Robert R. Moore
Jerome E. Wallace
Community Planners

Philip J. Saputo
Civil Engineer
Philadelphia Regional Office

Harry P. Paradise, Jr.
Supervisory Community Planner
Atlanta Regional Office

Economic Development Administration

The team is recognized for its rapid response in providing economic development support to thousands of businesses, public facilities and city, county and State organizations that were adversely impacted by the 1999 Hurricane Floyd disaster in Virginia, New Jersey and North Carolina. Despite coming face to face with wide spread destruction, the team showed tremendous strength, integrity and leadership. Hundreds of hours were spent over several months assisting Federal, State, local and community organizations survey and analyze damage, and develop recovery plans and strategies.

ECONOMIC DEVELOPMENT ADMINISTRATION



Gold Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Joseph A. Hurney
Director, Accounting Division
Office of the Assistant Secretary
Economic Development Administration

Mr. Hurney is recognized for deploying and implementing the Commerce Administrative Management System (CAMS) Core Financial System in EDA. He also directed the Agency through the FY 2000 financial statement audit with the full implementation of CAMS for which a clean financial statement opinion was issued by the Department's Office of the Inspector General. Mr. Hurney, in conjunction with Departmental offices, modified CAMS reports to support all general ledger accounts and developed new reports to assist EDA regional offices in monitoring projects.



ECONOMICS AND STATISTICS ADMINISTRATION



Gold Medal

LEADERSHIP

Brent R. Moulton

Associate Director, National Income
Expenditures and Wealth

Bureau of Economic Analysis

Economics and Statistics Administration

Dr. Moulton is honored for a major role in restoring the U.S. Gross Domestic Product (GDP) and related estimates to a position of world leadership in national economic accounting. Innovations include the use of up-to-date output and price indexes, the capitalization of investments in computer software, and the development of quality-adjusted price indexes for high-tech goods and services. His improvements in the accuracy of the GDP estimates now serve as a model for upgrading other statistical series in the United States and other countries.



PERSONAL AND PROFESSIONAL EXCELLENCE

Dennis W. Stoudt

Program Manager

George H. McLaughlin

Ellen B. Katzoff

Dan E. Philipp

Michael Clark

Gerard Moore

Computer Specialists

Charles J. Kahn

Survey Statistician

Bureau of the Census

Economics and Statistics Administration

The group is cited for the Census Bureau's highly successful processing of Census 2000 data. Their efforts allowed for successful processing of critical aspects for all phases of Census 2000. Their contributions run the entire gamut from preparation of the census address files, enumeration definition and control data capture interface and repository, primary selection algorithm, editing and imputation, to disclosure avoidance processing. This led to the development and deployment of integrated microdata files which served as the system for tabulation and preparation of apportionment and redistricting counts. Their effort took advantage of advances in computer technology to increase the integrity and quality of Census 2000 data, while significantly cutting production schedules.



Silver Medal

LEADERSHIP

Alan J. Berlinger

Program Manager

Bureau of the Census

Economics and Statistics Administration

Mr. Berlinger is recognized for contributions to the successful development and implementation of Census 2000 data capture. The data capture system allowed for the design of respondent-friendly census forms for Census 2000, which contributed significantly to higher than expected response rates. His innovative management skills and extensive technical knowledge were critical to the Census Bureau's ability to successfully develop and deploy the largest, most complex data capture system in existence.

Janet R. Cummings

Assistant Division Chief for Budget,
Management, and Oversight

Jan R. McStay

John M. Ortiz

Lori Putman

Supervisory Survey Statisticians

Cheryl L. Querry

Survey Statistician

Marietta Selmon-Gumbel

Partnership Specialist

Ralph J. Lee

Los Angeles Regional Director

Betty J. Hughes

Area Manager, Detroit

William F. Adams

Census Recruiter

Clifton J. Taylor, Jr.

Census Recruiting Program Manager

Bureau of the Census

Economics and Statistics Administration

This team is recognized for contributions to the strategic design, development, and planning of recruitment operations for Census 2000. Faced with the tightest labor market in 30 years and low unemployment rates, the Bureau had to develop strategic plans and design a recruitment program that would ensure it could recruit, hire, and retain the staff needed to successfully conduct the Census. As a result of this teams' efforts, the Bureau recruited more than 3.7 million applicants exceeding the goal by 23 percent. This was the largest recruitment of applicants in the history of the country and contributed substantially to the success of Census 2000.

Edison Gore
Supervisory Decennial Planning
Specialist

M. Catherine Miller
Supervisory Policy Analyst

Fay F. Nash
Miguel B. Perez
Program Managers

A. Edward Pike, III
Supervisory Decennial Planning
Specialist

Barbara M. LoPresti
Chief, Technologies Management Office

Gail A. Leithauser
Assistant Division Chief for Geography
and Data Collection

Brian Monaghan
Lead Assistant Division Chief
for Censuses

Bureau of the Census

Economics and Statistics Administration

The team is recognized for contributions to the overall management of Census 2000 plans and operations. As key decennial census managers they overcame unique challenges in the planning and integration of operational requirements. Their efforts included assessing the decennial census design, addressing policy implications, evaluating census data and legislative changes, and providing responsiveness to internal and external stakeholder groups and oversight agencies. It is through these key decennial census managers that the Bureau had in place a well organized, coordinated, and high quality program with clear objectives, attainable goals, and milestones that kept Census 2000 on track and within budget.

Mark A. Holdrege
Supervisory Program Analyst

Michael L. Palensky
Contract Specialist

Rosita Young
Personnel Officer

Mark M. Taylor
Assistant Division Chief for
Logistics and Pay

Martin J. Rajk
Budget Officer

Herman H. Marcelle
Management Analyst

Bureau of the Census

Economics and Statistics Administration

The group is cited for building the administrative foundation for the operational successes of Census 2000. They developed and implemented integrated administrative systems that provided seamless support for decennial programs, enabling the program managers to focus on operational issues without concern for the capabilities of the administrative infrastructure. They designed innovative strategies, developed effective partnerships with private and public sector principals, and demonstrated exceptional leadership to acquire and manage the resources essential to accomplish the Bureau's mission.

Edwin B. Wagner, Jr.
Supervisory Survey Statistician

Bureau of the Census

Economics and Statistics Administration

Mr. Wagner is honored for contributions to a number of program areas during three decennial censuses. He managed the planning and implementation of the 1998 dress rehearsal, which provided critical testing for major systems and operations and sampling and estimation techniques required for Census 2000. In addition, Mr. Wagner managed the contract to provide telephone questionnaire assistance for Census 2000, including the conduct of outbound interviews to improve the census coverage and data quality. The program succeeded in handling over 6 million calls from the public who needed assistance to participate in the census.

Tracy Wessler
Computer Specialist

Bureau of the Census

Economics and Statistics Administration

Ms. Wessler is cited for the integration of contract administration and program management for Census 2000. As part of the strategic plan for Census 2000, the Census Bureau implemented a five-fold expansion in partnering with industry for services and systems, with contracts totaling about \$1 billion. Ms. Wessler was instrumental in providing the acquisition and contract management, strategic vision, and knowledge necessary to develop the Decennial Systems and Contracts Management Office organizational structure, operational philosophy, and management policies.

David C. Whitford
Rajendra P. Singh
Donna L. Kostanich
Supervisory Mathematical Statisticians

Maureen P. Lynch
Supervisory Computer Specialist

Richard F. Blass
Lead Assistant Division Chief for
Evaluation and Resources

Bureau of the Census

Economics and Statistics Administration

The group is recognized for the design and implementation of the Census 2000 Accuracy and Coverage Evaluation (A.C.E.). The A.C.E. presented unusually difficult design and management challenges. It was a complex undertaking involving many stages of sampling, interviewing, matching and estimation. It is one of the largest surveys ever undertaken by the Federal Government. The A.C.E. was an important component in the Census Bureau's effort to make Census 2000 more accurate, to measure the completeness of the results, and to formulate a method to adjust those results to improve census tabulations.

PERSONAL AND PROFESSIONAL EXCELLENCE

David E. Galdi

Supervisory Computer Specialist

Bureau of the Census

Economics and Statistics Administration

Mr. Galdi is recognized for a central role in designing and implementing the Master Address File (MAF) and its associated nationwide geocoding system. The MAF provides the first permanent national inventory of living quarters and street addresses. For Census 2000, it provided the mailing and delivery list for census questionnaires, the address list against which completed questionnaires were checked to determine which still required a visit, and the base against which the Accuracy and Coverage Evaluation (A.C.E.) measured completeness. In the future, it will be used to provide the address list for the 2010 Census enumeration process.

E. Enrique Gomez

William K. Stuart

Pauline C. Hanson

Supervisory Computer Specialists

Amy M. Bishton

Computer Specialist

Bureau of the Census

Economics and Statistics Administration

This group is recognized for making Census 2000 data available for the first time on the World Wide Web. They developed and deployed two highly effective and integrated computer systems. The Data Products Production system, a system for tabulation and preparation of Census 2000 data products, and American FactFinder, a system for Internet dissemination of those products. Their efforts took advantage of advances in computer and communications technology to increase the reach, convenience, and usefulness of Census 2000 data, while significantly cutting tabulation and dissemination costs.

Emmett F. Spiers

Computer Specialist

Bureau of the Census

Economics and Statistics Administration

Mr. Spiers is cited as an expert in decennial computer processing. He participated in the development of more than 50 vital and well-integrated Headquarters processing systems. Each system broke significant new ground and illustrated his technical expertise in software design. His decennial census knowledge extends from policy to planning, history to practical application and software design to logistical implementation. His contributions in the design of complex applications have enabled the Bureau to accomplish its processing goals.

James B. Treat

Supervisory Mathematical Statistician

Bureau of the Census

Economics and Statistics Administration

Mr. Treat is cited for a pivotal role in the success of the Census 2000, Coverage Improvement Followup. This operation served as a safety net and the last opportunity in the field to correctly identify housing units in question as occupied, vacant, or nonexistent. As a result of the quality assurance operation initiated for Coverage Improvement Followup, 2.3 million housing units were added to the Census 2000 data. His efforts made it possible for several field operations to successfully proceed on schedule with minimized risk of serious error.

Henry S. Wulf

Supervisory Social Science Analyst

Bureau of the Census

Economics and Statistics Administration

Mr. Wulf is recognized for managing and promoting statistical programs to measure the economic activity of state and local governments. He redirected the statistical programs for measuring public employment in the government sector, restoring timeliness while staying within budget. His efforts have resulted in marked improvements in timeliness and data quality, while significantly expanding the visibility and usefulness of these Census Bureau programs throughout the user community.



**INTERNATIONAL TRADE
ADMINISTRATION**



Gold Medal

LEADERSHIP

Igor Y. Abramov

International Trade Specialist

Market Access and Compliance

International Trade Administration

Mr. Abramov is recognized for creation of an innovative rule of law for business program which is helping to expand the market for U.S. exports in Russia. By promoting better business ethics, improved commercial dispute resolution, and modern corporate governance, joint American-Russian projects are lowering barriers faced by U.S. companies in Russia and helping to build a market economy. As a result of Mr. Abramov's initiatives, the rule of law for business program is providing new direction for Department's efforts to expand markets for U.S. exports in transition countries.



Silver Medal

LEADERSHIP

Export.Gov

International Trade Administration

The ITA Portal Task Force Team is recognized for creating Export.Gov, a multi-agency, web-based gateway to international trade information services. Prior to Export.Gov, efforts to assist U.S. small businesses to export have been hampered by a web presence with scattered information, gaps in assistance, lack of customer-friendliness and duplication of effort. Export.Gov solved this problem by making all export-related content available in a needs-based format, meaning that the site is designed around the user's reasons for accessing information rather than a specific office or agency. The site has improved user access to the vast resources provided by the Federal government.

PERSONAL AND PROFESSIONAL EXCELLENCE

Gary Konop

Principal Commercial Officer

Kenneth B. Reidbord

Principal Commercial Officer

Taizo Ohmura

Michihiko Yokoi

Commercial Specialists

U.S. & Foreign Commercial Service

Nicole R. Melcher

International Trade Specialist

Market Access and Compliance

U.S. & Foreign Commercial Service

International Trade Administration

The group is recognized for successfully ensuring compliance with the "1991 U.S.-Japan Major Projects Arrangements" (MPA) on the Central Japan International Airport project. Their teamwork, knowledge of Japan's public works market, diplomatic skills, and persistence in pressing the Japanese Government and the Central Japan International Airport Company (CJIAC) to follow procurement procedures in the MPA after CJIAC inappropriately excluded a U.S. construction firm, Overseas Bechtel, from competition, resulted in a multi-million dollar contract to the excluded U.S. firm.

Medical Device Exports

Trade Development

International Trade Administration

The team is recognized for creating a resource for U.S. medical device exporters to enter new markets. The medical device Foreign Regulatory Profiles for new and pre-owned equipment helps explain complex regulatory requirements an exporter must comply with before entering a market. It meets an urgent and pressing need for exporters, by providing access to thorough and comprehensive regulatory requirements and information for foreign markets. This work is expected to facilitate \$1.3 billion in medical device exports over a six year period and create an estimated 21,000 jobs in the U.S.

Pompiliu Verzariu, Jr.

Supervisory International
Trade Specialist

Trade Development

International Trade Administration

Dr. Verzariu is recognized for the creation of the Department-sponsored, Moscow-based Insurance Information Center Foundation (IICF). The IICF is a non-governmental non-profit organization whose mission is to improve public understanding of insurance in Russia, making the consumer more receptive to insurance products as a means of hedging or sharing risks. Dr. Verzariu's ability to handle complicated tasks in dealing with U.S. and host-country business, the diplomatic community, and top foreign government officials was key to the success of this effort. His pioneering work in this field will serve as a model for Insurance Information Centers in other developing markets.



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



Gold Medal

LEADERSHIP

Donald Scavia

Director and Senior Scientist

National Ocean Service

*National Oceanic and Atmospheric
Administration*

Dr. Scavia is honored for his pivotal role in achieving passage and implementation of Public Law 105-333, the Harmful Algal Bloom and Hypoxia Research and Control Act of 1998. This law was designed to reduce the hypoxic (oxygen-reducing) effects of nutrient pollution on the Gulf of Mexico's aquatic resources. He translated science into action, and interacted with scientists in a variety of disciplines, environmental managers, public policy makers, elected officials, and the agricultural community to implement legislation and reach a voluntary agreement to reduce the hypoxic zone by the year 2015 through reducing nitrogen loads from the Mississippi River basin by 30 percent.



PERSONAL AND PROFESSIONAL EXCELLENCE

Allan J. Coker
Criminal Investigator

National Marine Fisheries Service

Cynthia S. Fenyk
Attorney Advisor

Office of the Under Secretary

National Oceanic and Atmospheric Administration

The group is honored for their enforcement work in the identification, investigation, and prosecution of extensive and complex violations within the red snapper fishery. The red snapper resource is identified as “severely overfished” despite increasingly stringent conservation and management measures implemented to aid its recovery. Their efforts were instrumental in detecting and apprehending seafood dealers and fishermen who use their business as a front to cover trafficking in illegally harvested red snapper. More than 100 individuals from 26 vessels and dealerships were charged with hundreds of Federal violations.



William G. Conner
Supervisory Physical Scientist

Carol Ann Manen
Physical Scientist

David John Chapman
Pacific Branch Manager

Norman F. Meade
Economist

Lisa M. Dipinto
Ecologist

John D. Cubit (not pictured)
Oceanographer

National Ocean Service

Katherine Ann Pease (not pictured)
Supervisory Attorney Advisor

Office of the Under Secretary

Mark Helvey (not pictured)
Natural Resource Specialist

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

The Montrose Case Team is recognized for the extraordinary personal commitment needed to successfully address 50 years of DDT contamination off the coast of California. After 10 years of scientific study, contentious litigation, and a trial, the NOAA case team made possible a settlement that provides \$140 million to pay for the elimination of DDT contamination and the restoration of natural resources. This settlement will allow the return of healthy eagles to the Channel Islands and clean fish to the coast of southern California.



SCIENTIFIC/ENGINEERING ACHIEVEMENT

Robert W. Embley
Geophysicist

*Office of Oceanic and Atmospheric
Research*

*National Oceanic and Atmospheric
Administration*

Dr. Embley is cited for pioneering research in exploring deep ocean volcanic ecosystems that has led to the establishment of the world's first deep seafloor observatory. The observatory, called NeMO (New Millennium Observatory), is located within the caldera of an active submarine volcano about 250 miles off the coast of Oregon at a depth of about one mile. The observatory's principal mission is to gain insights into, and sample the deep hot biosphere within the volcano which is populated with an abundance of microorganisms that live at temperatures above 100 degrees Celsius. His efforts led to discoveries on how deep ocean volcanic activity affects the ocean's physical, chemical, and biological environments.



Thomas A. Flagg
Supervisory Fishery Biologist

Deborah A. Frost
Research Fishery Biologist

William C. McAuley
Fishery Biologist

Michael R. Wastel
Biological Science Technician

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

The Redfish Lake Sockeye Salmon Captive Broodstock Team is honored for the development of captive broodstock rearing technologies that prevented extinction of the Pacific Northwest's most endangered salmon stock, Redfish Lake sockeye salmon. In the last decade, a total of 16 fish returned from the ocean to Redfish Lake, and extinction was imminent. The team's efforts in captive husbandry resulted in a return of 257 adult fish in 2000. The team's cooperative science approach is a model for use throughout the multi-jurisdictional Columbia River Basin that shelters most of the imperiled Pacific Northwest salmon stocks.



Paul A. Jendrowski

Meteorologist

National Weather Service

*National Oceanic and Atmospheric
Administration*

Mr. Jendrowski is honored for the development and implementation of the Areal Mean Basin Estimated Rainfall (AMBER) system for the detection and diagnosis of flash flood potential. Flooding is the number one weather-related killer across the United States with an average of 136 lives lost annually during the last 30 years. The death toll from flooding is much greater than either lightning, tornadoes or hurricanes. His system using Doppler radar and detailed map data will produce earlier and site specific flood warnings providing emergency managers and impacted people more time to protect their lives and property.

**Radar Meteorology and
Oceanography Division**

Environmental Technology Laboratory

*National Oceanic and Atmospheric
Administration*

The Radar Meteorology and Oceanography Division is recognized for the theoretical, experimental, and engineering advances that led to the development of a new technology – an autonomous, ground-based, remote-sensing system to unambiguously detect dangerous in-flight icing conditions in clouds. The system will be deployed near large airports where icing hazards are frequent, providing pilots and air traffic controllers with accurate, real-time warnings of icing conditions. The use of this technology will save many lives, and many millions of dollars in property damage, each year.

**ADMINISTRATIVE/TECHNICAL
SUPPORT**

Office of Satellite Operations

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

The Office of Satellite Operations is recognized for launching, validating and activating three independent weather satellites over one 12-month period. New and enhanced instrumentation and ground systems were incorporated for the Defense Meteorological Satellite Program, the Geosynchronous Orbiting Environmental Satellite Program, and the Polar Orbiting Environmental Satellite Program. As a result of their dedication, all mission milestones were met on schedule and each of the three satellite launches were executed on time, avoiding millions of dollars in costly delays to any of the three programs.



PUBLIC SERVICE OR HEROISM

Scott A. Doyle

Supervisory Criminal Investigator

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

Assistant Special Agent Scott Doyle is recognized for investigative excellence for a 2-year investigation into the unlawful harvest of Striped Bass from the Hudson River and its subsequent sale in interstate commerce. The Striped Bass, tainted with toxic PCBs, was sold through several prominent Fulton Fish Market dealers to unsuspecting restaurants, markets, and consumers. The Striped Bass fishery, once depleted through over fishing, has recovered through aggressive fisheries management techniques. This case has changed the way dealers and restaurants do business in New York City, and has halted a potentially serious public health risk.



Mark H. Pickett

Manager, Environmental Products,
NMFS Pacific Grove

Office of Marine and Aviation Operations

*National Oceanic and Atmospheric
Administration*

Lieutenant Commander Pickett is honored for courage and heroism in saving the lives of two U.S. Geological Survey employees after the capsizing of the Channel Islands NMS R/V Ballena, on November 4, 2000. During routine sidescan sonar surveys near the coast, a rogue wave capsized the vessel trapping the two men inside. After deployment and subsequent abandonment of a life raft, Lieutenant Commander Pickett swam ashore. After becoming concerned that his crew was having difficulty and might not make it, he returned to the icy waters twice and helped each member of his crew reach the shore safely.



Silver Medal

LEADERSHIP

Mary C. Langlais

Supervisory Policy Analyst

*Office of Oceanic and Atmospheric
Research*

*National Oceanic and Atmospheric
Administration*

Ms. Langlais is cited for management practices in reshaping and achieving a more “Corporate” NOAA in three Line Offices – Office of Atmospheric Research, National Marine Fisheries Service, and National Ocean Service. In each Office, she directed and managed financial, human, and information resources, including cross-functional activities. In addition, she implemented innovative and transparent budget models, refined strategic plans, set high standards, policies, and improved operations and service delivery to the public. Her advancement of corporate goals has had critical impact on the integration of science and program initiatives, funding strategies and priorities, and organizational cohesiveness.

Craig Nelson

Executive Director, Integrated Programs
Office

Office of Marine and Aviation Operations

*National Oceanic and Atmospheric
Administration*

Captain Nelson is cited for leadership, creativity, and technical acumen during his stewardship of the tri-agency National Polar-orbiting Operational Environmental Satellite System. Data from these new satellites will result in dramatic improvements in the quality of short-term warnings and forecasts, as well as long-term climate assessments and predictions that will significantly enhance public safety and the economic productivity of the Nation. During the last four years of this program, Captain Nelson has been instrumental in attaining critical milestones and has been the driving force behind the success of the program.

Kenneth Putkovich

Supervisory Electronic Engineer

Lawrence J. Krudwig

Meteorologist

Barry L. Reichenbaugh

Communications Specialist

John Sokich

Meteorologist

National Weather Service

George T. Wilcox

Constituent Affairs Specialist

Office of the Under Secretary

National Weather Service

*National Oceanic and Atmospheric
Administration*

The group is recognized for their work in expanding the NOAA Weather Radio transmitter network. The NOAA Weather Radio (NWR) broadcasts weather warnings, watches, forecasts, and other hazard information 24 hours a day. They effectively leveraged public/private partnerships to expand coverage, increase public awareness, and encourage donations of NWR receivers to schools, hospitals, public facilities, community centers, day-care centers, and other places people gather. Through their efforts, the number of transmitters has increased from nearly 400 in 1994, to more than 580 today.

Michael P. Sissenwine

Science and Research Director,
Northeast Region

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

Dr. Sissenwine is honored for negotiating a resolution to the long-standing, adversarial relationship between many New England commercial fishermen and the scientific research arm of the National Marine Fisheries Service. The controversy centered on the fact that the fisherman did not believe the science that identified stock assessments of certain fish as in jeopardy from overfishing. Through his leadership, scientific expertise, and negotiating skills, an agreeable sampling strategy was forged that involved the use of commercial fishing vessels, government research vessels, and university research vessels by fishermen and government and non-government scientists.

Lucia S. Tsaoussi

Physical Scientist

*Office of Oceanic and Atmospheric
Research*

*National Oceanic and Atmospheric
Administration*

Dr. Tsaoussi is recognized for effecting a major change in the National Polar-orbiting Operational Environmental Satellite System (NPOESS) sensor suite. This change will reduce the largest uncertainty in the science of understanding and predicting global climate change. As a direct result of her leadership, an instrument dedicated to measure aerosol size distribution and composition in the atmosphere will become part of NPOESS and will have a significant impact on future climate change assessments, NOAA's climate observation/predictions mission, and the U.S. economy.

**PERSONAL AND
PROFESSIONAL EXCELLENCE**

Tracy A. Dunn

Criminal Investigator

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

Special Agent Tracy Dunn is recognized for assuring the success of the NOAA and South Carolina Joint Project Agreement for cooperative enforcement. In this agreement, state officers are deputized and agree to work with the NOAA Fisheries Office for Law Enforcement to enforce the Federal fisheries statutes and regulations in the offshore waters of South Carolina. Agent Dunn was successful in convincing a group of people who were not necessarily receptive to Federal involvement in their state duties, that such a partnership was viable, and in fact valuable, to both the State and Federal agencies.

Patricia J. Mulligan

Physical Scientist

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

Ms. Mulligan is recognized for defining, coordinating, and integrating the Department's requirements for the National Polar-orbiting Operational Environmental Satellite System (NPOESS). NPOESS is a \$6 billion interagency program to design, build, and operate the next generation of polar-orbiting environmental satellites. Her leadership and tireless commitment to this task resulted in a contemporary, comprehensive statement of NOAA's requirements for the system including incorporation of previously undocumented climate and ocean remote sensing requirements.

WFO Wichita, Kansas

National Weather Service

*National Oceanic and Atmospheric
Administration*

The NWS Forecast Office, Wichita, Kansas is honored for life-saving efforts during a devastating tornado that virtually destroyed Parsons, a small southeast Kansas town on April 19, 2000. The Office began issuing storm warnings eight hours before the tornado hit. The tornado warning, which targeted Parsons, was issued 15 minutes before the tornado devastated the town. While there was no loss of life and only 27 injuries, damage to this community of 12,000 was severe. A total of 750 structures were damaged, 633 homes and 117 commercial buildings. The accurate and timely warnings issued by WFO Wichita, provided valuable lead time for people to seek protective shelter, minimizing the risk of more injuries from this damaging tornado.

Radar Web Display Team

National Weather Service

*National Oceanic and Atmospheric
Administration*

The Radar Web Display Project Team is cited for designing, developing, testing, and managing the nationwide implementation of the National Weather Service's (NWS) Radar Web Display System. Previously, there was no NWS system in place to display images from the National Doppler Radar Network on the Web. The system fit so well into existing NWS infrastructure that costs for additional equipment were held to a minimum, while still meeting the daunting performance requirements – adding over 3,500 new radar real-time images to the website every hour.

Erik C. Zobrist

Richard D. Hartman

Patrick R. Williams

Fishery Biologists

Rachel W. Sweeney

Ecologist

John D. Foret

Research Fishery Biologist

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

The group is cited for conceiving, developing, obtaining funding for, and implementing nearly two dozen projects restoring over 20,000 acres and benefitting more than 155,000 acres of Louisiana coastal wetlands. The Nation has lost 40 percent of its coastal wetlands since 1900 and 80 percent of that loss is in Louisiana. The Coastal Wetlands Planning, Protection and Restoration Act (CWPPRA) was passed in 1990 in response to these concerns. Funded through the CWPPRA, these projects provide essential habitat supporting a \$1 billion fishery industry, protect coastal communities from tropical storm and hurricane surges, and support vital oil and natural gas infrastructures.

SCIENTIFIC/ENGINEERING ACHIEVEMENT

James K. Farr

Environmental Scientist

National Ocean Service

*National Oceanic and Atmospheric
Administration*

Dr. Farr is recognized for developing a fundamentally new approach for evaluating reactive hazards associated with chemicals spilled in the environment. The Chemical Reactivity program contains a database of reactivity information for more than 4,300 of the most common hazardous chemicals. The database includes information about the special hazards of each chemical and whether a chemical reacts with air, water, or other materials and provides first responders, facility managers, employees, and communities with the means to evaluate risks and take appropriate actions. As a result, environmental threats due to spills of hazardous chemicals will be reduced and public safety protected.

Felix Kogan

Physical Scientist

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

Dr. Kogan is honored for developing and implementing vegetation health products from Advanced Very High Resolution Radiometer data from NOAA polar orbiting satellites. This product is the only global system used to provide early drought warnings, delineate the affected areas, and estimate their agricultural and environmental impacts independent of the availability of ground observations. The drought monitoring and vegetation health products developed by Dr. Kogan became a success worldwide because of their exceptional quality, real-time availability, and ease of use.

CUSTOMER SERVICE

WFO Missoula, Montana

National Weather Service

*National Oceanic and Atmospheric
Administration*

The NWS Forecast Office, Missoula, Montana, is honored for their response efforts during the historic fire season in the summer of 2000. During the summer, over 1.1 million acres were consumed by wildfires with over 320 residences and 550 total structures being lost. Nearly 19,000 firefighters and fire managers participated in the fire suppression efforts, whose costs exceeded \$300 million. Despite the widespread devastation, there was no loss of life. The weather information, forecasts, warnings, and safety alerts provided by WFO Missoula and on-site Incident Meteorologists were crucial to the safety record of the fire suppression effort.

PUBLIC SERVICE OR HEROISM

John M. Coyne

Meteorologist

National Weather Service

*National Oceanic and Atmospheric
Administration*

Mr. Coyne is recognized for developing a nationally recognized computer software program which formats warning and forecast information for the NOAA Weather Radio broadcasts. The program, called "SNUFFLE", has contributed to the nearly complete automation of warning information on NOAA Weather Radio broadcasts across the Southern Region significantly decreasing the time required to broadcast warning information. The SNUFFLE program code developed by Mr. Coyne, will be used extensively in the final AWIPS NWR formatter and will further move the NWS closer to full NWR broadcast automation.

Dennis W. Thaute
Enforcement Officer

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

Enforcement Officer Dennis Thaute is honored for transporting the seized foreign drift net vessel ARCTIC WIND from Adak, Alaska to Seward, Alaska. In May 2000, ARCTIC WIND was seized by the United States Coast Guard for illegal fishing in the North Pacific Ocean with large scale drift nets. During the 1,200 mile transit, in the challenging Alaskan waters, he responded quickly to two potential life-threatening situations, ensuring that the crew and vessel were delivered safely. After nearly a month of careful planning and execution, Officer Thaute moored the pirate drift net vessel on June 11, 2000, in Seward, Alaska where it remained under private custody until forfeited and sold.

**WFO Birmingham, Alabama
Storm Prediction Center**

National Weather Service

*National Oceanic and Atmospheric
Administration*

The NWS Forecast Office, Birmingham, Alabama and the Storm Prediction Center are honored for providing numerous accurate and timely severe weather warnings during an unusual wintertime tornado outbreak on December 16, 2000. Despite the fact that more than 12 people lost their lives in these storms and hundreds of homes were destroyed, the number of fatalities could have been higher had it not been for the effective warnings, constant communication with emergency managers, good warning lead times, and broad dissemination of warning information. Warning information was so well disseminated, that nearly everyone impacted by the storms was aware of the impending severe weather and the actual weather warnings.

WFO Phoenix, Arizona

National Weather Service

*National Oceanic and Atmospheric
Administration*

The NWS Forecast Office, Phoenix, Arizona is honored for providing critical life-saving information up to two days prior to the onset of devastating floods in Wenden, Wickenburg, and Aguila, Arizona on October 22, 2000. More than 500 residents had to be evacuated, 536 homes in the small community were damaged, and the area sustained \$7.2 million in property and crop losses. Precipitation forecasting in the desert climate of south-central Arizona, where average annual rainfall is less than ten inches, presents unique and difficult challenges. It was the diligence of the WFO Phoenix and its interactions with local, state, and Federal partners that were responsible for the life-saving response carried out during this disaster.

WFO Tulsa, Oklahoma

National Weather Service

*National Oceanic and Atmospheric
Administration*

The NWS Forecast Office, Tulsa, Oklahoma is recognized for forecasting an unprecedented ice storm that struck eastern Oklahoma and western Arkansas from December 25th to 27th, 2000. The ice storm was one of historic proportion, contributing to six fatalities, cutting utilities to 150,000 people and doing \$150 million dollars of damage. Because of the Tulsa Office's forecasts, and direct coordination with media and emergency officials 72 hours in advance, the public was allowed to prepare, saving both lives and property.



NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



Gold Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Karen A. Rose

Telecommunications Policy Specialist

Office of International Affairs

*National Telecommunications and
Information Administration*

Ms. Rose is cited as the principal policy advisor for Internet Domain Name System (DNS) matters. She developed key elements of the transition of DNS functions to the Internet Corporation for Assigned Names and Numbers (ICANN). The Department negotiated a series of agreements with the incumbent domain name registration service provider of top level domains and ICANN. Ms. Rose's contributions to the negotiations set the foundation to introduce robust competition in domain name registration services, resulting in tremendous benefits to new entrants, consumers, and growth of the global Internet.



Silver Medal

LEADERSHIP

Ronald L. Ketchum

Electronics Engineer

Institute for Telecommunication Sciences

*National Telecommunications and
Information Administration*

Mr. Ketchum is recognized for exemplary leadership in technology transfer of advanced Government-developed telecommunications technology to U.S. industry through cooperative research agreements. He leveraged his extensive experience in the private sector to develop partnerships for the transfer of advanced telecommunications technology to private sector telecommunications companies, with significant mutual benefit to both parties. Mr. Ketchum's initiatives in technology transfer have been highly important to the Department's effort to strengthen the U.S. industry's competitive position in emerging national and international telecommunications markets.

PERSONAL AND PROFESSIONAL EXCELLENCE

Kelly K. Levy

Associate Administrator for Policy
Analysis and Development

James W. McConnaughey

Senior Economist

Sandra Castelli

Wendy S. Lader

Telecommunications Policy Analysts

Office of Policy Analysis and Development

*National Telecommunications and
Information Administration*

Patricia Ann Buckley

Laurence S. Campbell

Sandra D. Cooke

George T. McKittrick

Sabrina L. Montes

Economists

Economics and Statistics Administration

*National Telecommunications and
Information Administration*

This intra-agency group is recognized for drafting and producing *Falling Through the Net: Toward Digital Inclusion*. The report has raised national awareness and increased understanding of the Department's efforts to ensure electronic access for all Americans. Most importantly, the report has proved critical to promoting efforts in this area. Other governmental agencies, such as the Department of Education, have relied on the report to support their programs. In addition, numerous states and localities have asked for briefings on the report to determine their own policies on electronic access.



OFFICE OF THE GENERAL COUNSEL



Gold Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Arthur R. Watson

Attorney Advisor

Office of the General Counsel

Mr. Watson is honored for his role in the creation of the International Trade Administration's Advocacy Center. The Center was established around a new set of rules, the USG Advocacy Guidelines, developed to allow a more flexible approach to situations involving efforts by foreign governments to influence purchasing decisions in international procurements. The Center is the nerve center for developing and implementing coordinated strategies to "level the playing field" for U.S. exporters competing for business overseas. In FY2000, the Advocacy Center passed the \$100 billion mark in successful overseas projects, resulting in over \$74 billion in exports of U.S. goods and services.



Silver Medal

EMPLOYEE DEVELOPMENT

**Office of the Chief Counsel for
International Commerce**

**Office of the Chief Counsel for
Import Administration**

Office of the General Counsel

**Office of Human Resources –
Career Development Unit**

International Trade Administration

Office of the General Counsel

The team is honored for development and implementation of the ITA Trade Law Course. This course has provided intensive training in international trade law to nearly 700 ITA employees during the past twelve years. The ability of ITA to carry out its trade agreements enforcement mission is heavily dependent upon the level of expertise ITA employees have on international trade agreements such as the World Trade Organization, the North American Free Trade Agreement and U.S. international trade law. The course has given ITA employees the detailed understanding of U.S. trade agreements and trade laws which is essential for effective trade agreements compliance.

OFFICE OF INSPECTOR GENERAL



Silver Medal

LEADERSHIP

William F. Bedwell, Jr.
Supervisory Auditor

Office of Audits

Office of Inspector General

Mr. Bedwell is recognized for directing OIG audits of the Department's financial assistance programs and recipients. From 1998 through 2000, Mr. Bedwell planned and directed comprehensive reviews of 33 discretionary financial assistance programs and made numerous recommendations for increasing competition. In addition, over the last five years, he directed more than 50 audits of Commerce grants and cooperative agreements, resulting in millions of dollars in potential savings to the government.

PERSONAL AND PROFESSIONAL EXCELLENCE

Charles J. Tegeler
Supervisory Auditor

Office of Audits

Office of Inspector General

Mr. Tegeler is recognized for working to resolve outstanding issues between the Office of Inspector General and the Census Bureau regarding OIG reviews. These included high-profile issues that received intense localized media attention and also issues that generated significant interest in both the Administration and the Congress. Whether Mr. Tegeler was directing work related to the Census Bureau's operations, monitoring activities in one of the 25 states that OIG teams visited, or briefing a staffer on the House Subcommittee, he demonstrated a high level of objectivity and professionalism.

PUBLIC SERVICE OR HEROISM

David A. Sheppard
Auditor

Office of Inspections and Program Evaluations

Office of Inspector General

Mr. Sheppard is honored for an act of unusual selflessness and civic responsibility. As Mr. Sheppard was leaving the main Commerce building late one evening in February, he was approached by an elderly man waving a stick and blurting phrases incoherently. Instead of ignoring the man's abusive language and soiled clothing, Mr. Sheppard remained with him for a few minutes listening to his story. Eventually, he coaxed a phone number from him and called his family in Maryland. His compassionate and courageous actions helped re-unite a distraught family with a missing loved one suffering with Alzheimer's disease, saving the man from more serious harm and another cold night on the Washington streets.

PATENT AND TRADEMARK OFFICE



Silver Medal

LEADERSHIP

Robert L. Stoll
Administrator for External Affairs

Lois E. Boland
Attorney Advisor

Mary Critharis
Attorney Advisor

David R. Nicholson
Trade Attache, USTR

Office of the Administrator for External Affairs

Stephen G. Kunin
Deputy Commissioner for Patent Examination Policy

Jay P. Lucas
Senior Patent Legal Advisor

Office of the Commissioner for Patents Patent and Trademark Office

The group is honored for negotiations that led to the signing of the Patent Law Treaty. The Treaty was signed at the conclusion of the Diplomatic Conference on the Patent Law Treaty in Geneva, on June 2, 2000. The Treaty will simplify the formal obligations and reduce associated costs for patent applicants and owners of patents in obtaining and preserving their rights to inventions in many countries of the world. The Treaty significantly benefits U.S. applicants filing overseas through simplified procedures as well as reduced cost. Their efforts in representing the U.S. will contribute significantly to the simplification of patent practice, policy and procedure throughout the world.

PERSONAL AND PROFESSIONAL EXCELLENCE

Richard A. Bawcombe

Director, Office of Patent Publication

Robert A. Clarke

Krista M. Zele

Special Program Examiners

William A. Grant

Supervisory Patent Examiner

Thomas L. Koontz

Director, Office of Initial Patent Examination

Timothy M. McMahon

Primary Patent Examiner

Robert J. Spar

Director, Office of Patent Legal Administration

Sarah M. Saifer

Director, Office of Patent Resources Management

Karen M. Young

Administrator, Office of Patent Resource Administration

Laura E. Cannon-Maddix

Computer Specialist

Office of the Commissioner for Patents

Patent and Trademark Office

The group is recognized for implementing changes at the USPTO as a result of the passage of the American Inventors Protection Act (AIPA) of 1999. A significant feature of the AIPA was mandating the publication of most patent applications, where previously they were kept confidential. The group implemented a new publication process which eliminated the need to remove applications from the normal processing stream in order to effect pre-grant publication. The implementation of the AIPA has resulted in the achievement of adequate patent protection for innovation through patents, and provided effective access to the technology for which patent protection is sought.

Diane L. Lewis

Mary E. Small

Computer Specialists

Jenna L. Davis

Gregory A. Morse

William T. Stryjewski

Primary Patent Examiners

Office of the Commissioner for Patents

Patent and Trademark Office

The group is recognized for designing and implementing the Electronic Filing System (EFS) for patent application submissions. On October 23, 2000, EFS was brought on-line allowing all applicants to author and file their applications electronically. To date over 440 new utility and 49 PGPub applications have been filed using EFS and the rate of filing is increasing daily. The EFS provides intelligent electronic patent application data that will form the basis for the automation of patent processing and publication, saving processing time and cost in routing the electronic application through preliminary examination, examination, publication, and public dissemination.

Office of the Chief Information Officer

Patent and Trademark Office

This office is cited for designing and implementing the Pre-Grant Publication System for patent applications under intense time and budget pressures. The implementation of the Pre-Grant Publication System required a new way of thinking about developing automated information system projects. Instead of trying to fit a major development project for a brand new system into the 12-month window between enactment and implementation, the USPTO determined that it had the requisite resources and discipline to build upon a portfolio of automated systems to create the new publication system. Their work will help spur the continued advancement and protection of intellectual property rights for U.S. inventors and businesses.

EMPLOYEE DEVELOPMENT

Thomas V. Shaw
Managing Attorney

*Office of the Commissioner for Trademarks
Patent and Trademark Office*

Mr. Shaw is cited for contributions as the manager of the volunteer law student intern program at the USPTO. Since the fall of 1995, he has hired, trained, and developed 10 to 12 part-time or full-time law students each semester to assist in the examination of trademark applications at no cost to the USPTO. Through his dedication, this program has provided law students with valuable work experience and also provided the USPTO with a highly motivated pool of job applicants. Many of the interns have been hired upon graduation and are working successfully as examining attorneys.

ADMINISTRATIVE/TECHNICAL SUPPORT

Ian A. Neil
Computer Specialist

*Office of the Chief Information Officer
Patent and Trademark Office*

Mr. Neil is recognized for technical support of mission-critical USPTO databases. He designed and implemented ingenious solutions to enhance performance of patent search systems. His contributions reduce costs associated with production outages and enhance the ability of the patent examining corps to satisfy public customers. Mr. Neil demonstrates an attentiveness to optimal resource utilization and dedication that is beneficial to the entire information technology infrastructure supporting business operations.



TECHNOLOGY ADMINISTRATION



Gold Medal

LEADERSHIP

Elaine B. Barker
Miles E. Smid
Supervisory Mathematicians

Lawrence E. Bassham
Juan Soto, Jr.
James F. Dray, Jr.
Computer Scientists

William E. Burr
Supervisory Electronics Engineer

Morris J. Dworkin
James G. Foti (not pictured)
James R. Nechvatal
Mathematicians

Edward A. Roback
Chief, Computer Security Division

*National Institute of Standards and
Technology*

Technology Administration

The team is recognized for conceiving, organizing and leading a worldwide, multi-year project resulting in a widely-acclaimed Advanced Encryption Standard (AES). Strong user confidence in the security of AES will encourage its rapid deployment in E-Commerce and E-Government applications to protect sensitive information, such as healthcare and tax records, multi-billion dollar financial transactions, and intellectual property. The team's technical excellence, dedication, and foresight have enhanced the reputation of the Department as a leader in promoting information technology security.



SCIENTIFIC/ENGINEERING ACHIEVEMENT

James C. Bergquist

Steven T. Cundiff

Scott A. Diddams (not pictured)

Christopher W. Oates

Jun Ye (not pictured)

Physicists

John L. Hall

Senior Scientist

Leo Hollberg

Supervisory Physicist

*National Institute of Standards and
Technology*

Technology Administration

The group is honored for development of state-of-the-art optical-frequency standards and the means for coupling their outputs to other frequencies, thus revolutionizing the way frequency is measured. These advances have instantly improved the accuracy of optical-frequency measurements across the entire spectrum by orders-of-magnitude. The impact of their work is substantial in technologies such as optical-fiber telecommunication, length measurement supporting manufacturing quality, and the characterization of materials.



Christopher J. Evans (not pictured)
Mechanical Engineer

Richard L. Rhorer

Research Engineer

Manfred L. Osti (not pictured)

Michael L. McGlaufflin

Eric P. Whinton

Engineering Technicians

Robert A. Clary

Instrument Maker

Charles R. Tilford

Physicist

*National Institute of Standards and
Technology*

Technology Administration

The group is honored for the design, fabrication, assembly, and testing of new encasements for the U.S. Charters of Freedom documents (Declaration of Independence, Constitution, and Bill of Rights). Working with the National Archives and Records Administration, the team designed new encasements that meet stringent engineering constraints and demanding aesthetics. The team developed on-board instrumentation to provide non-invasive monitoring of the environment and novel methods for fabricating and evaluating the performance of the encasements.



Gery R. Stafford
Supervisory Research Chemist

Thomas P. Moffat
Metallurgist

Daniel Josell
Physical Scientist

*National Institute of Standards and
Technology*

Technology Administration

The group is recognized for the development of electrochemical measurement and modeling techniques, and for their contributions to the fundamental understanding of electrochemical deposition of copper in semiconductor trenches. This work enables the semiconductor industry to deposit copper metallizations on semiconductor chips with line widths below 60 nm and at 3:1 aspect ratios. These dimensions meet the 2008 target dimensions in the Semiconductor Industry Association's 1999 International Technology Roadmap for Semiconductors.



Silver Medal

LEADERSHIP

William E. Anderson
Director, Electronics and Electrical
Engineering Laboratory

*National Institute of Standards and
Technology*

Technology Administration

Dr. Anderson is honored for leadership of the Electronics and Electrical Engineering Laboratory (EEEL) through a time of change and transition. He introduced significant and beneficial changes in the operation of EEEL. Dr. Anderson improved the effectiveness of the laboratory in its mission of providing the fundamental electrical standards, measurement services, test methods, and documentary standards that underlie all electrical measurements in the nation.

Belinda L. Collins
Director, Office of Standards Services

*National Institute of Standards and
Technology*

Technology Administration

Dr. Collins is recognized for providing leadership to international standards and conformity assessment arenas contributing to enhanced commerce and trade. She brought together the nation's standards and conformity assessment communities and played a key role in the development of the National Standards Strategy. She has also been highly successful in implementing the National Technology Transfer and Advancement Act by carrying out its directives to coordinate standards and conformity assessment activities within the Federal Government, the private sector, and state and local governments.

Kathleen M. Higgins

Chief, Office of Law Enforcement
Standards

*National Institute of Standards and
Technology*

Technology Administration

Ms. Higgins is recognized for revitalizing the Office of Law Enforcement Standards (OLES) in its role of brokering NIST capabilities to the criminal justice and public safety communities, ensuring through measurements and standards that the equipment they purchase and technologies they use are safe, dependable, and effective. The activities Ms. Higgins spearheaded have resulted in greater effectiveness of policing throughout the nation and the saving of over 2500 law-enforcement officers' lives through the wearing of body armor that meet OLES-developed specifications.

**PERSONAL AND
PROFESSIONAL EXCELLENCE****Christopher G. Soares**

Physicist

*National Institute of Standards and
Technology*

Technology Administration

Dr. Soares is recognized as the world's leading authority on measurements of beta-particle-emitting radioactive sources for use in radiation therapy. He developed primary standards and test methods for use in clinical medical physics. He worked with industry and the medical physics community on the dosimetry methods to allow uses of these sources for intravascular therapy to inhibit restenosis (re-closing) of arteries after balloon angioplasty procedures. His leadership in radiation dosimetry has established NIST as the world leader in the dosimetry of therapeutic beta-particle sources.

**SCIENTIFIC/ENGINEERING
ACHIEVEMENT****Geraldine S. Cheok**

Hai S. Lew

Research Structural Engineers

William C. Stone

Supervisory Research Structural
Engineer

*National Institute of Standards and
Technology*

Technology Administration

The team is recognized for breakthrough achievement in precast concrete design and construction to withstand extreme earthquake loads through measurement research and industry impact. The team developed an innovative system to connect precast beams to columns that permits, for the first time, the use of precast concrete building systems in high seismic regions. The team worked in partnership with U.S. industry to introduce new seismic design provisions for such systems in building codes and standards. The system has proven to reduce costs and has rapidly gained acceptance in industry practice.

Glenn P. Forney
Computer Scientist

Kevin B. McGrattan
Mathematician

*National Institute of Standards and
Technology*

Technology Administration

The team is honored for development of the companion software products: Fire Dynamic Simulator and Smokeview. This unique software package, released to the public in February 2000, via the World Wide Web has radically advanced the state-of-the-art in fire modeling. The software allows practicing engineers and code officials to perform computational fluid dynamic calculations of fire effects in high spatial and temporal resolution and to visualize the results using personal computers. The technology has significantly raised the quality of information used in fire safety practice and investigation, personnel training, and planning of costly large-scale experiments.



EXTERNAL AWARD

ARTHUR S. FLEMMING AWARD

Anthony J. Kearsley
Mathematician

*National Institute of Standards and
Technology*

Dr. Kearsley was recognized for contributions to the development and application of large-scale optimization techniques for the solution of partial differential equations arising in science and engineering. From problem formulation, algorithm design and analysis, to software development, Dr. Kearsley's work has led to advances in such diverse areas as oil recovery, antenna design, wireless communications, climate modeling, optimal shape designs, and high-temperature superconductors. He is also cited as an effective mentor and proponent of math careers, especially for Hispanic students.

2001 NOBEL PRIZE IN PHYSICS



Dr. Eric A. Cornell

National Institute of Standards and Technology

Technology Administration

Dr. Eric A. Cornell, the second scientist in the Department of Commerce to win a Nobel Prize, shares the 2001 Prize in Physics with university colleagues in Boulder, Colorado and Cambridge, Massachusetts. The Royal Swedish Academy selected Dr. Cornell for creating a new state of matter, the super-cold Bose-Einstein condensate. This super-cold and “quantum mechanical” state of matter had been theoretically predicted for seventy years before Eric and his co-Nobel Prize winning colleague, University of Colorado physicist, Carl Wieman, succeeded in creating this macroscopic quantum mechanical system in their laboratory.

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

Special thanks to:

Office of Human Resources Management and Incentive Awards Staff

Priscilla Bailey

Michael R. Osver

Incentive Awards Program Officers of the Department

Claudia Thornburg — Census

Jennifer McDaniel — Census

Charlene Gantt — ITA

Marcia Robertson — NIST

Sandra O'Brien — NOAA

Azalea Nunnally — OIG

Jennifer Heyob — PTO

and their valuable assistants

Stacy F. Hoffman

Armed Forces Color Guard

Visual Design Branch

Office of Security