



CHIEF FINANCIAL OFFICER AND ASSISTANT SECRETARY FOR ADMINISTRATION



Gold Medal

LEADERSHIP

Alan P. Balutis

Deputy Chief Information Officer

Rita G. Casazza

Computer Specialist

Office of the Chief Information Officer

Robert A. Welch

Director, Office of Acquisition
Management

Michael S. Sade

COMMITTS Program Manager

Howard G. Price

Supervisory Contract Specialist

James M. Sullivan

Management Analyst

Office of Acquisition Management

Tlaloc J. Garcia

Director, Office of Small and
Disadvantaged Business Utilization

*Office of Small and Disadvantaged
Business Utilization*

Terry H. Lee

Attorney

Office of the General Counsel

*Chief Financial Officer and Assistant
Secretary for Administration*

Messrs. Balutis, Welch, Sade, Price, Sullivan, Garcia and Mmes. Casazza and Lee are honored for the development and implementation of Commerce Information Technology Solutions (COMMITTS). COMMITTS was designed to open Federal procurement opportunities in the information technology (IT) arena for small, minority and women-owned businesses. The Department anticipates that expenditures under these multiple award contracts will cumulatively reach \$1.5 billion over five years.



Silver Medal

ADMINISTRATIVE/TECHNICAL SUPPORT

James M. Andrews

Director, Office of Real Estate Policy and Major Programs

Carolyn M. Storck

Interior Designer

Vera N. Whisenton

Chief, Library and Special Services Division

Hugh L. Brennan

Project Manager

Office of Administrative Services

Chief Financial Officer and Assistant Secretary for Administration

Alan Neuschatz

Associate Director for Finance and Administration

National Technical Information Service

Kenneth W. Rogers

Director, STAT-USA

Economics and Statistics Administration

PUBLIC SERVICE OR HEROISM

Jerry D. Thacker

George D. Thomas

Utility Systems Repairer-Operators

Office of Administrative Services

Chief Financial Officer and Assistant

Secretary for Administration

Messrs. Thacker and Thomas are honored for responding to a fire in the basement of the Commerce building on October 1, 1999. Without regard for their own safety, they extinguished the fire and prevented it from threatening the lives of their fellow employees. Their quick response prevented the fire from spreading and creating a major environmental hazard. Messrs. Thacker and Thomas' actions prevented further destruction to the building and disruption to the critical operations of the Department.

Lisa M. Brendes
Senior Program Analyst

Bernard E. McMahon
Director, Office of Information Resources
Management

Frank J. Eggert
Computer Specialist

Edward H. Meyer
Supervisory Management Analyst

Mary Ann McFate
Director, Office of Organization and
Management Support

*Chief Financial Officer and Director of
Administration*

International Trade Administration

*Chief Financial Officer and Assistant
Secretary for Administration*

Messrs. Andrews, Brennan, Neuchatz, Rogers, McMahon, Eggert, Meyer and Mmes. Storck, Whisenton, Brendes and McFate are recognized for developing the concept of the USA Trade Center (USATC) in the Ronald Reagan Building and International Trade Center. The USATC includes comprehensive export counseling and trade referral services, a world trade book store and multimedia reference center and a complete source of trade and economic information. The group was involved in every stage of the development of this center which opened in May 1999.

CUSTOMER SERVICE

Office of Security

*Chief Financial Officer and Assistant
Secretary for Administration*

The Office of Security (OSY) is recognized for giving world-class customer service while providing Department-wide security support. In conjunction with Secretary Daley's initiative to implement a series of improvements to the Department's security policies and procedures, OSY successfully launched a parallel program aimed at significantly improving customer service. As a result of their dedicated efforts, the Office of Security has become a partner whose value-added contributions have proven worthwhile to Department personnel in the successful accomplishment of their mission.

EMPLOYEE DEVELOPMENT

David L. Temple, Jr.

Senior Management Advisor

Office of Human Resources Management

*Chief Financial Officer and Assistant
Secretary for Administration*

Clifton J. Taylor, Jr.

Census Recruiting Program Manager

Bureau of the Census

*Chief Financial Officer and Assistant
Secretary for Administration*

Messrs. Temple and Taylor are cited for advancing the President's and Secretary's efforts to move fellow Americans from welfare to work. Through their significant program management, the Department exceeded its goal of 4,080 hires by 21%, resulting in a total of 4,953 hires more than a year before the deadline. This achievement is measured in the positive impact on the individuals' lives, where new opportunities, training, support and financial self-sufficiency are enabling a generation of new workers to compete effectively in the marketplace.



BUREAU OF EXPORT ADMINISTRATION



Gold Medal

LEADERSHIP

Stephen S. Leacy

Senior Criminal Investigator

Export Enforcement

Bureau of Export Administration

Mr. Leacy is recognized for negotiating and implementing the U.S.-China End-Use Visit Arrangement (EUVA), a U.S. strategic objective for the past 15 years. The EUVA is an extraordinary breakthrough in U.S.-China export control relations and was one of the President's most noted accomplishments at the June 1998 U.S.-China Summit. The EUVA strengthens the U.S. dual-use licensing and enforcement systems and demonstrates the Department's commitment to U.S. export control and nonproliferation goals.



PERSONAL AND PROFESSIONAL EXCELLENCE

Paul E. Straughn

Criminal Investigator

Export Enforcement

Bureau of Export Administration

Mr. Straughn is recognized for his investigation of the Aluminum Company of America (ALCOA) which resulted in the maximum civil penalty of \$1 million for illegal exports of chemical weapon precursors. His investigation of Dien's Auto Salvage resulted in multiple convictions for violations of U.S. export laws for the illegal export of military surplus jeeps to Vietnam. Both investigations are outstanding examples of the Department's efforts to deter the illegal export of chemical weapon precursors and commodities controlled for national security and anti-terrorism reasons.



Silver Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Miriam Cohen

Management Analyst

Director of Administration

Bureau of Export Administration

Ms. Cohen is recognized for leading the development and implementation of an automated system that allows exporters to submit export and reexport license applications, commodity classifications, and high performance computer notices to the Bureau of Export Administration (BXA) in a secure fashion over the Internet. By submitting their applications with this system, exporters can bypass the 7-10 days it takes to get a paper application into BXA's licensing system. The benefits of this new system include: no cost to the exporter, electronic receipt of licenses and toll-free help desk support.

Roy A. Gilfix

James A. Hoyos

Criminal Investigators

Export Enforcement

Bureau of Export Administration

Senior Special Agent Roy Gilfix and Special Agent James Hoyos are recognized for the successful investigation and prosecution of John R. Strome. Mr. Strome pleaded guilty in 1998 and was sentenced to two years imprisonment for conspiring to export oil field and industrial equipment to Iran, Iraq, and Libya. The investigation disrupted a sophisticated network of firms and individuals operating in the United States, Canada, the United Kingdom, Cyprus and Jordan that was established to circumvent U.S. embargoes of terrorist supporting countries.

Tina N. Stasulli Korb

Criminal Investigator

Export Enforcement

Bureau of Export Administration

Ms. Stasulli Korb is cited for investigation of IBM East Europe/Asia Ltd., which resulted in a significant criminal penalty for violations of the Export Administration Regulations. IBM East Europe/Asia Ltd. pled guilty to violations of the International Emergency Economic Powers Act and the Export Administration Regulations relating to the unlawful export of 17 high performance computers to Arzamas-16, a Russian nuclear weapons laboratory.

ADMINISTRATIVE/TECHNICAL SUPPORT

Sandra K. Ruf

Export Compliance Specialist

Export Enforcement

Bureau of Export Administration

Ms. Ruf is recognized for administration of Export Enforcement's Safeguards Program, the cornerstone of Export Enforcement's program to verify the end-user/end-use of strategic commodities. The unqualified success of Export Enforcement's Safeguards program since its inception in 1991, has been due in large part to the dedication with which Ms. Ruf has coordinated the day-to-day operational details that are needed for a program of international scope.



ECONOMIC DEVELOPMENT ADMINISTRATION



Gold Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Frederic P. Jaakkola
Director, Accounting Division

Joseph A. Hurney
Andrew Knight, Sr.
Supervisory Operating Accountants

Althea C. Thompson
Operating Accountant

Kenneth M. Kukovich
Director, Liquidation Division

Nathan L. Maryn
Director, Information Systems Division

Darice H. Ahrnsbrak
Computer Specialist

Patricia A. Flynn
Director, Operations Review and Analysis

Lucille W. Tucker
Program Analyst

Herbert L. Lenchner
Financial Analyst

Office of Finance and Administration

Economic Development Administration

Messrs. Jaakkola, Hurney, Knight, Kukovich, Maryn, Lenchner and Mmes. Thompson, Ahrnsbrak, Flynn and Tucker are recognized for sound financial management which resulted in the achievement of an "unqualified" opinion on the Economic Development's FY 1998 financial statement and FY 1997 balance sheet. This effort contributed to the reputation of EDA in Congress as an agency who not only reached its goal in economic development but achieved the highest level of recognition in the area of financial management.



Silver Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Cynthia L. Torraco

Supervisory Computer Specialist

Chicago Regional Office

Economic Development Administration

PUBLIC SERVICE OR HEROISM

Lawrence W. Jacob

Supervisory Economic Development
Specialist

David W. Culbertson

Civil Engineer

Vicki R. Hendershot

Operations, Planning and Control
Officer

Austin Regional Office

Economic Development Administration

Messrs. Jacob, Culbertson and Ms. Hendershot are recognized for their emergency response to the devastation caused by tornadoes that hit the state of Oklahoma on May 3, 1999. Following President Clinton's declaration of nineteen counties as disaster areas, the team from the EDA Austin Regional Office flew into Oklahoma City to conduct a preliminary assessment of the damage and prepare recommendations for regional office investments. Working twelve hour days, seven days a week for eighteen consecutive days, they completed the assessment on time and in an exemplary fashion.

Ms. Torraco is cited for efforts as Operational Planning and Control Officer and Regional Operations Team Leader for EDA's Chicago Region. In this capacity, she implemented innovations which allowed the Chicago Regional Office to effectively use state-of-the-art computer technology to maintain high productivity and to address the greatest need with limited resources. She designed new computer applications that increased productivity in both grant processing and monitoring. Her improvements reduced grant processing time by two days.



ECONOMICS AND STATISTICS ADMINISTRATION



Gold Medal

LEADERSHIP

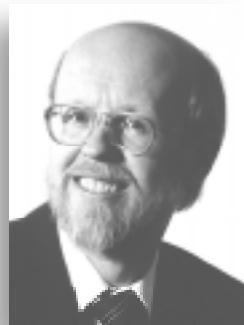
William G. Barron

Deputy Director and Chief Operating Officer

Bureau of the Census

Economics and Statistics Administration

Mr. Barron is cited for leadership in the Department's plan for Census 2000, first as Deputy Under Secretary for Economic Affairs, and then as Deputy Director and Chief Operating Officer for the Census Bureau. He was instrumental in furthering the Census Bureau's FY 2000 budget submission, advocating the Census budget in negotiations with OMB, and advising the Under Secretary for Economic Affairs on implementation of the plan for Census 2000. He led the Census Bureau through difficult technical, strategic and budgetary issues, while providing guidance and leadership to all Bureau programs.



SCIENTIFIC/ENGINEERING ACHIEVEMENT

Robert E. Fay III

Senior Mathematical Statistician

Bureau of the Census

Economics and Statistics Administration

Dr. Fay is honored for scholarly contributions to the field of statistical theory for sample surveys. He provided leadership for decennial census statistical measurement of the undercount and devised methods to measure uncertainty associated with complex models for predicting missing survey data. Dr. Fay developed a sophisticated computer program known as VPLX, which is a breakthrough advance in the theory and methodology for estimating the uncertainty associated with sample survey results.



Silver Medal

LEADERSHIP

Teresa Angueira

Program Manager

Bureau of the Census

Economics and Statistics Administration

Ms. Angueira is recognized for developing a Census 2000 plan that uses more traditional census-taking methods. She was the architect of a plan for conducting Census 2000 without the use of statistical sampling. The results of her planning include the detailed Master Activity Schedule and the revised budgetary requirements. Because of her demonstrated vision, flexibility and commitment, the Bureau is now proceeding toward a successful implementation of the Census 2000.

Foreign Trade Division

Bureau of the Census

Economics and Statistics Administration

The Foreign Trade Division is honored for initiative in working with U.S. Customs and the export trade community to design, develop, and implement the Automated Export System (AES). AES is the government's e-business solution for the collection of export information. The system assures complete and accurate export data, compliance with and enforcement of laws relating to exporting, and reduction of duplicate reporting to multiple agencies. AES eliminates the cost of preparation and handling of the Shipper's Export Declaration, the largest data collection program in the Department.

Mark T. Grice

Program Manager

Bureau of the Census

Economics and Statistics Administration

Mr. Grice is recognized for leadership of the Agriculture and Economic Censuses, which were accomplished ahead of schedule and more than \$1 million under budget. He also provided exceptional leadership in the successful completion of critical decennial activities, such as the Address List Capture Operation and Block Canvas Operations. Mr. Grice has continued to play an integral role in the planning of the National Processing Center's involvement in the 2000 Decennial Census.

Irma F. Harahush

Survey Statistician

Bureau of the Census

Economics and Statistics Administration

Ms. Harahush is cited for efforts in the design, development, processing, and data dissemination of the Economic Census for Puerto Rico, Guam, the Virgin Islands and the Commonwealth of the Northern Mariana Islands. Under her leadership, the 1997 census data are being issued over a year earlier than for 1992 with the highest response rate ever. This is noteworthy given the multicultural, multilingual, and varying political characteristics of their economies.

Michael S. McKay

Associate Director for Finance and
Administration

Bureau of the Census

Economics and Statistics Administration

Mr. McKay is cited for improving critical administrative and financial management areas fundamental to the success of systems needed to support Census 2000. These areas include the PAMS/ADAMS field hiring and payroll system and the Commerce Administrative Management System (CAMS) core financial system. He established world-class Bureau training programs in partnership with major universities, such as the Project Management Certification Program and Census Corporate University.

**PERSONAL AND
PROFESSIONAL EXCELLENCE****Obie G. Whichard**

Supervisory Economist

Bureau of Economic Analysis

Economics and Statistics Administration

Mr. Whichard is recognized for leading major improvements in the quality, quantity, and analysis of data on U.S. international trade in private services. His work led directly to the closing of significant gaps in coverage through the development and refinement of new and existing survey instruments, and expansion and improvement in the presentation and analysis of the data. Mr. Whichard's work has strengthened the base of economic information needed and used by U.S. policy makers, and directly supports the Department's strategic goal of promoting U.S. competitiveness in the global marketplace.

Photograph

Not Available

**INTERNATIONAL TRADE
ADMINISTRATION**

Gold Medal

LEADERSHIP**Scott A. Shaw**

Commercial Officer

U.S. & Foreign Commercial Service

International Trade Administration

Mr. Shaw is honored for a critical role in the Consulate's protection of American lives and property during a five-day siege by angry mobs in Guangzhou, China, following the bombing of their Embassy in Belgrade. The Consulate was besieged on a daily basis by extremely abusive mobs numbering up to 15,000. He was successful in keeping the local guard force at their posts, safeguarding Consulate personnel and their property. During the crisis, he assisted American citizens outside the Consulate in maintaining communication with their families and officials in Washington.



PERSONAL AND PROFESSIONAL EXCELLENCE

Bernard T. Carreau

Deputy Assistant Secretary for
Antidumping/Countervailing Duty
Enforcement Office 2

Barbara E. Tillman

Director, Antidumping/Countervailing
Duty Enforcement Office 7

Jeffrey A. May

Director, Office of Policy

Carole A. Showers

Kelly J. Parkhill

Supervisory Import Compliance
Specialists

Kathleen H. Hatfield (not pictured)

Andrew G. Stephens

Lisa E. Foss (not pictured)

Import Policy Analysts

Import Administration

Charles L. Bell

International Trade Specialist

Trade Development

International Trade Administration

Thomas H. Fine

Attorney

Office of the General Counsel

International Trade Administration

Messrs. Carreau, May, Parkhill, Stephens, Bell, Fine and Mmes. Tillman, Showers, Hatfield and Foss are recognized for responding to the 1998/1999 steel crisis. Beginning in the Spring of 1998, the jobs of steelworkers were jeopardized by a massive surge in steel imports. The result of the team's efforts was the development of the President's Steel Action Program which included a focus on bilateral initiatives, enhanced trade law enforcement, expanded import monitoring and Government/industry conferences on steel.

Office of Africa

Market Access and Compliance

International Trade Administration

The Office of Africa is recognized for the formulation and implementation of the Administration's Africa Initiative, The Partnership for Economic Growth and Opportunity in Africa. Its contributions include missions to Africa, participation in groundbreaking Ministerial-level meetings with African countries, and the development of a new U.S. commercial policy toward Nigeria. These activities made the Department a critical component in building Africa's commercial infrastructure, while ensuring that U.S. firms' market access concerns are reflected in U.S. policy.



Silver Medal

LEADERSHIP

Hurricane Mitch Reconstruction Team

International Trade Administration

The Hurricane Mitch Reconstruction Team, also comprised of staff from O/S, NIST and NOAA, is honored for its swift and decisive response to the devastation caused by the hurricane in Central America during the week of October 27, 1998. The disaster resulted in 10,000 deaths and left one-tenth of the region's population homeless. This resulted in widespread damage to the economy. The Team was successful in jump starting the weakened economies by attracting public and private sector funding for reconstruction efforts. The Team also assisted the region in improving its disaster preparedness and disaster response efforts.

Nancy K. Charles-Parker

Director, Rocky Mountain U.S. Export Assistance Center

U.S. & Foreign and Commercial Service

International Trade Administration

Ms. Charles-Parker is recognized for building an innovative export program in five states. This export program included organizing 90 innovative events which brought together 13 Foreign Commercial Officers throughout the world for 1,000 meetings with industry officials. These meetings resulted in multiplying annual export sales from \$15 to \$245 million. The success of her efforts to generate export sales is a testament to her strategic vision and leadership.

PERSONAL AND PROFESSIONAL EXCELLENCE

Christopher B. Adams

Commercial Officer

U.S. & Foreign Commercial Service

Eric A. Fredell

International Trade Specialist

Trade Development

International Trade Administration

Messrs. Adams and Fredell are recognized for overcoming difficult market access conditions and turning policy initiatives into real business for U.S. environmental firms. The team's ability to leverage the resources of ITA and other Federal agencies advanced the interests of the U.S. Government and American exporters. Their innovative strategy and leadership resolved a financing problem that had stymied U.S. exporters in China. As a result, one small U.S. firm won its largest contract ever in one of the world's toughest export markets, doubling its U.S. workforce.

Joseph A. Spetrini

Deputy Assistant Secretary for
Antidumping/Countervailing Duty
Enforcement Group 3

Lisa S. Raisner

Senior Import Policy Analyst

Edward C. Yang

Director, Antidumping/Countervailing
Duty Enforcement Office 9

Lyn A. Baranowski

Import Compliance Specialist

Jean C. Kemp

Senior Import Compliance Specialist

Richard O. Weible

Director, Antidumping/Countervailing
Duty Enforcement Office 8

Maria K. Dybczak
Thomas G. Gilgunn
Antidumping/Countervailing Duty
Financial Analysts

William Joseph Hicks
Computer Specialist

Import Administration

International Trade Administration

John D. McInerney
Supervisory General Attorney

Office of the General Counsel

International Trade Administration

The Russian Steel Agreements Group is recognized for negotiating steel agreements with the Russian Federation. The group negotiated an agreement suspending the antidumping duty investigation. They also negotiated a comprehensive agreement on certain Russian steel products. These agreements reversed the unprecedented surges in low-priced steel imports from Russia. The comprehensive agreement will not only prevent circumvention of any Russian steel antidumping suspension agreements but provide protection for the U.S. steel industry and American steelworkers against future surges.

Lauren J. Saadat
International Trade Specialist
Trade Development

International Trade Administration

Ms. Saadat is cited for contributing to a Secretarial initiative, the U.S.-China Joint Commission on Commerce and Trade, to eliminate trade barriers involving Chinese standards and conformity assessment facing U.S. manufacturers. Activities included workshops in the U.S. and China, research on Chinese standards and conformity assessment procedures and development of a Joint Announcement signed by Secretary Daley and Chinese Minister Madame Wu Yi. These activities are expected to result in a \$1.5 billion expansion of U.S. exports to China and the creation of 94,000 U.S. jobs over five years.



MINORITY BUSINESS DEVELOPMENT AGENCY



Gold Medal

LEADERSHIP

Richard L. Stevens

Research and Analysis Officer

Office of Market Access

Minority Business Development Agency

Mr. Stevens is recognized for conceiving and developing an Internet-based business resource locator system to enable minority businesses and business development practitioners to search for and locate business assistance institutions interactively on a map. The system addresses the critical need of providing minority businesses throughout the nation with a fast and easy to use mechanism for finding public, private, educational and non-profit business development resources in their local area.



NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION



Gold Medal

LEADERSHIP

Roderick A. Scofield

Meteorologist

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

Dr. Scofield is recognized for research and leadership in the use of satellite data to obtain estimates of heavy precipitation that are used in NOAA's critical flash flood forecasting program. For more than two decades, he has single-handedly led the research effort, training program, and operational implementation of products and analytical techniques. These are used by the National Weather Service Forecast Offices to issue more accurate and timely flash flood watches and warnings to reduce the loss of life and the economic losses to the Nation.



PERSONAL AND PROFESSIONAL EXCELLENCE

Larry G. Rutter

Fishery Biologist

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

Mr. Rutter is honored for his pivotal role in the negotiations toward the development of agreement language for new fishery management regimes under the US-Canada Pacific Salmon Treaty. His negotiating and writing skills, technical expertise and policy experience as well as his defenses of position papers enhanced the negotiations and resulted in significant breakthroughs toward an agreement. Mr. Rutter demonstrated an exceptional ability to understand and accommodate the divergent views of many different parties whose support was critical to the agreement.



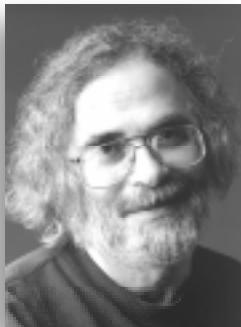
Grady H. Tuell

Senior Researcher

National Ocean Service

National Oceanic and Atmospheric Administration

Commander Tuell is honored for revolutionizing NOAA's shoreline mapping techniques. His efforts included accuracy analyses of shoreline data extracted from different types of synthetic aperture radar, development of 3-dimensional approaches to shoreline extraction using synthetic aperture radar, lidar, and digital photogrammetry, and investigations into the application of image understanding methodologies such as automatic feature extraction and sub-pixel analysis of hyperspectral data. Commander Tuell's work will enable NOAA to deliver more accurate and current nautical charts to professional mariners and to the port authorities responsible for managing port facilities.



SCIENTIFIC/ENGINEERING ACHIEVEMENT

Isaac M. Held

Senior Scientist, Geophysical Fluid Dynamics Laboratory

Office of Oceanic and Atmospheric Research

National Oceanic and Atmospheric Administration

Dr. Held is cited for world leadership in the dynamics of climate and human-caused climate change. Among his many achievements, he provided fresh insights into our understanding of the complex behavior of the unstable cyclone waves in temperate latitudes and their role in shaping the larger-scale variations in the climate system. This work has highlighted how and when such processes act to reduce NOAA's ability to predict climate variations on seasonal-to-interannual (*e.g.*, El Niño) time.

Dr. Held's work has directly lead to quantifiable improvements in the predictability of climate change and contribute to the Department's world leadership in cutting-edge science and technology.



Conrad V. Mahnken

Supervisory Fishery Biologist

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

Dr. Mahnken is honored for significant scientific and technological breakthroughs in rethinking the role and operational strategies of the extensive salmon hatchery system in the Pacific Northwest. This critical reevaluation of hatchery form and function is the foundation for the extensive hatchery reformation that is planned throughout the region. The reevaluation has led to the concept of conservation hatcheries guided by conservation principles and aimed at rebuilding depressed stocks to self-sustaining levels. Dr. Mahnken's research has also been applied in the U.S. marine aquaculture industry, aiding in the industry's growth.



Ward R. Seguin

Dennis S. Walts (not pictured)

Supervisory Meteorologists

William Joseph Carrigg

Computer Specialist

National Weather Service

Carl S. Bullock (not pictured)

Joseph S. Wakefield (not pictured)

Meteorologists

Darien L. Davis (not pictured)

Computer Specialist

Uwe Herbert Grote (not pictured)

Supervisory Electronics Engineer

Office of Oceanic and Atmospheric Research

National Oceanic and Atmospheric Administration

This team is cited for efforts in the design, development, and implementation of infrastructure software for the National Weather Service (NWS) Advanced Weather Interactive Processing System (AWIPS). The incorporation of this software into AWIPS provided significantly greater capabilities to NWS field forecasters at an earlier time than previously possible and avoided costly development associated with refining the prime contractor's initial efforts. This team significantly advanced NWS's ability to fulfill its warning and forecast mission while minimizing development costs.



Ronald D. Zwickl

Supervisory Physicist

Susan R. Sahm

Computer Scientist

Viola J. Raben

Mathematician

Richard N. Grubb (not pictured)

Electrical Engineer

Kent A. Doggett

Space Scientist

Thomas R. Detman

Physicist

William P. Barrett

Electronics Engineer

Office of Oceanic and Atmospheric Research

National Oceanic and Atmospheric Administration

The Real Time Solar Wind Project (RTSW) Team is cited for the design, development, and implementation of the Real Time Solar Wind system which acquires and uses data from the NASA research spacecraft, Advanced Composition Explorer. The result of this achievement is the new ability to issue alerts and warnings of approaching severe space weather storms up to one hour in advance of their impact on Earth. Commercial and government enterprises in the U.S. and throughout the world are provided, for the first time, advance notice of potentially adverse effects on space-based communication systems, satellites, electrical power systems and on other technologically advanced equipment.

PUBLIC SERVICE OR HEROISM

NOAA Ship OREGON II

Office of Marine and Aviation Operations

*National Oceanic and Atmospheric
Administration*

The NOAA Ship OREGON II is recognized for the rescue of two men and one woman whose 25-foot boat capsized in heavy weather off the Florida coast. By the time the OREGON II found them, the hapless mariners had been in the water for about five hours and had begun to suffer the debilitating effects of hypothermia. With darkness falling and the vessel drifting helplessly in the Gulf Stream and authorities unaware of their situation or their position, the three would almost surely have perished were it not for the vigilant watchstanding and prompt rescue efforts of the OREGON II.

NWSFO Norman, Oklahoma

National Weather Service

*National Oceanic and Atmospheric
Administration*

The National Weather Service Forecast Office (NWSFO) in Norman, Oklahoma, is cited for life-saving services provided during and prior to an outbreak of severe weather and tornadoes which struck central Oklahoma on May 3, 1999. In the months prior to the outbreak, the Norman office conducted an aggressive program of weather preparedness activities to educate the public on methods to protect themselves during severe weather. The Norman office was successful in giving the public significant advance warning of individual tornadoes and specific information which was credited with saving many lives.

Office of Marine and Aviation Operations

National Ocean Service

Public and Constituent Affairs

National Oceanic and Atmospheric Administration

The Office of Marine and Aviation Operations, National Ocean Service and Public and Constituent Affairs are honored for their role in locating John F. Kennedy Jr.'s downed aircraft off Martha's Vineyard, Massachusetts. The discovery, identification, and marking of the crash site with buoys for U.S. Navy divers was instrumental in the rapid recovery of victims and salvage of the aircraft for investigative efforts. The team utilized sonar data to identify and precisely locate the debris. This enabled the unified command to quickly accomplish the recovery mission and provide rapid closure to this national tragedy.



Silver Medal

LEADERSHIP

Douglas L. Brown
Supervisory Cartographer

David B. Enabnit
Oren E. Stembel
Cartographers

Lloyd C. Huff
Supervisory Research Physical Scientist

Steven R. Barnum
Navigation Manager, Northeast Region

Edward J. Van Den Ameele
Chief, Computer Support Group
National Ocean Service

*National Oceanic and Atmospheric
Administration*

The Raster Nautical Chart Systems Acceptance Group is recognized for leadership in gaining approval of performance standards for raster nautical chart systems under the International Convention on Safety of Life at Sea (SOLAS). The group developed a breakthrough strategy to convince the International Maritime Organization of the advantages of raster nautical charts, which are geo-referenced electronic images of paper nautical charts. The acceptance of these performance standards ensures that navigational information produced by national hydrographic offices is universally available in easy-to-use electronic form.

Michael Lee Grable
Financial Assistance Officer
National Marine Fisheries Service

National Oceanic and Atmospheric Administration

Mr. Grable is recognized for developing an innovative approach to reduce excess harvesting capacity, a serious problem in many U.S. fisheries. Under his approach, a capacity reduction program would be initially paid for by a government loan that is then repaid by remaining vessel owners. In addition to playing a key role in assuring such authority was included in the Sustainable Fisheries Act of 1996, Mr. Grable also helped negotiate and a \$90 million capacity reduction program in the Alaskan Pollock fishery in which the fishing industry will repay \$75 million.

Robert O. Masters
D. Brent Smith
Supervisory International Relations Specialists
National Environmental Satellite, Data, and Information Service

National Oceanic and Atmospheric Administration

Messrs. Masters and Smith are honored for negotiating the landmark Initial Joint Polar Orbiting Satellite System Agreement with the European Organisation for the Exploitation of Meteorological Satellites. Under the agreement, Europe contributes over \$2 billion in assuming responsibility for the mid-morning NOAA polar mission. The nominees resolved a number of complex programmatic and policy hurdles and achieved negotiation breakthroughs needed to sign this landmark Agreement which assures operational continuity in global environmental monitoring.

NOS Office of Response and Restoration

National Ocean Service

NWSFO Portland, Oregon

National Weather Service

NMFS Northwest Region

National Marine Fisheries Service

National Oceanic and Atmospheric Administration

The NOS Office of Response and Restoration (OR&R), NWSFO Portland, Oregon and the NMFS Northwest Region are honored for an innovative response to the M/V New Carissa oil spill near Coos Bay, Oregon, in February 1999. After three days of high winds and raging seas, the New Carissa's hull was compromised and oil was released. The OR&R coordinated technical information from NWS, NMFS and other scientists to support decision-making on response strategies and natural resource injury evaluation. This response was one of the most complicated and protracted ever undertaken. It lasted over 6 weeks, and included burning the remaining oil on the vessel, and scuttling the vessel almost 200 miles offshore.

Michael H. Schiewe
Supervisory Fishery Biologist Research
Administrator

Robin S. Waples
Supervisory Research Fishery Biologist
National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

Drs. Schiewe and Waples are cited for implementing far-reaching provisions of the Endangered Species Act (ESA) for Pacific salmon. Their role in resolving longstanding science-policy issues associated with species definition led to the development of new national policies by the National Marine Fisheries Service and the U.S. Fish and Wildlife Service. With respect to the ESA listing process, they conceived and implemented an innovative, efficient approach to managing petitions for large numbers of Pacific salmon populations. Their efforts were also instrumental in the formation of intergovernmental and community partnerships that play a pivotal role in recovering protected salmon species.

PERSONAL AND PROFESSIONAL EXCELLENCE

Peter J. Wilensky
David R. Sanders
Meteorologists

National Weather Service

*National Oceanic and Atmospheric
Administration*

Messrs. Wilensky and Sanders are cited for timely forecast and flash flood warnings alerting Zion National Park visitors of imminent danger on July 27, 1998. They used a recently installed Advanced Weather Interactive Processing System (AWIPS) workstation to monitor the heavy-rain-producing thunderstorms and issue very timely and accurate flash flood warnings. They were able to pinpoint the area under the greatest threat, and took the extra steps of calling the National Park Service as the event began to unfold. By the time the warning was issued, the park was well-aware of the developing situation, and was ready to take action. It is likely the actions of these two forecasters saved at least 40 lives.

SCIENTIFIC/ENGINEERING ACHIEVEMENT

John C. Derber

Meteorologist

National Weather Service

Michael W. Chalfant

Ralph R. Ferraro, Jr.

Thomas Joseph Kleespies

Tsan Mo

Anthony L. Reale

Physical Scientists

Mitchell D. Goldberg

Larry Max McMillin

David Q. Wark

Meteorologists

Norman Charles Grody

Physicist

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

This group is recognized for accelerating the use of new Advanced Microwave Sounding Unit (AMSU) satellite observations in weather prediction. Early use of the AMSU observations, only 10 months after launch, produced a 1-2 year increase in utilization of a satellite system costing more than \$300 million. More importantly, it accelerated forecast improvements, extending the time range of accurate forecasts.

Dennis G. Milbert

Dru A. Smith

Geodesists

National Ocean Service

*National Oceanic and Atmospheric
Administration*

Drs. Milbert and Smith are recognized for development of the series of progressively improved models of the Earth's geopotential, enabling use of the Global Positioning System (GPS) for accurate determination of heights above Mean Sea Level. Their work is a leap forward in the use of the GPS for accurate heights. They solved a problem that previously limited the use of GPS, but now, users can efficiently and accurately determine the heights for a wide array of applications.

Sybil P. Seitzinger

Research Marine Scientist

National Marine Fisheries Service

*National Oceanic and Atmospheric
Administration*

Dr. Seitzinger is recognized for advancing understanding of the biogeochemical cycling in the ocean of Nitrogen, one of the important greenhouse gases contributing to global climate change. Her creativity provides new scientific evidence for accelerating control of anthropogenically caused excessive Nitrogen inputs to marine environments, reducing the problem of coastal eutrophication and global warming related to greenhouse gas emissions.

David J. Schwab

Oceanographer

*Office of Oceanic and Atmospheric Research**National Oceanic and Atmospheric Administration*

Dr. Schwab is cited for development, advancement, and application of circulation and physical process modeling leading to the Great Lakes Coastal Forecasting System. This is the first regional demonstration of the NOAA Coastal Forecasting System to predict surface temperature, currents, and wave heights to provide operational nowcasts for the Great Lakes.

Dr. Schwab's improvements in the development of predictive models can be applied for both scientific advancement and interpretation of the physics of the Great Lakes and also for use as products for the safety and utility of the boating and commercial shipping public.

Stormscale Research and Applications Division*Office of Oceanic and Atmospheric Research**National Oceanic and Atmospheric Administration*

The Stormscale Research and Applications Division of the National Severe Storms Laboratory is recognized for developing an important prototype Warning Decision Support System for National Weather Service forecasters. They transferred many of the components of this system to operational NWS offices. This prototype system was developed using state-of-the-art artificial intelligence, image processing, neural networks, statistical techniques, and meteorological knowledge and has been shown to dramatically help forecasters produce more timely and reliable warnings.

Alan E. Strong

Physical Scientist

*National Environmental Satellite, Data, and Information Service**National Oceanic and Atmospheric Administration*

Dr. Strong is honored for contributions in the field of ocean remote sensing and improved understanding of the world's oceans and their fragile ecosystems.

Based largely on Dr. Strong's research, high Sea Surface Temperatures (SSTs) have become recognized as the primary stressor initiating coral reef bleaching - a significant advance in the understanding of temperature-related stress in corals. Cited by both the Office of the Vice President and the Department of State, Dr. Strong's real-time, satellite-based coral reef bleaching products have energized the world community to action to sustain these fragile ecosystem resources.

Pamela M. Taylor

Physical Scientist

*National Environmental Satellite, Data, and Information Service**National Oceanic and Atmospheric Administration*

Ms. Taylor is recognized for contributions to the NOAA Polar-orbiting Operational Environmental Satellites (POES) program in preparing NOAA's product processing systems to handle data from new and improved instruments on a new series of POES. This satellite system provides critical environmental information not only for domestic use but also for use at environmental services agencies throughout the world. These instruments and their derived products give NOAA significantly improved observing capability globally leading to improved global forecasting, hurricane monitoring, and many new and specialized environmental products.

CUSTOMER SERVICE

Stanley W. Elswick

Anna Fiolek

Steven R. Quillen

Jean Redmond Conrad

Linda Pikula

Maureen Hazel Woods

Dorothy Lamar Anderson

Librarians

Doris B. Grimes

Janice A. Beattie

Supervisory Librarians

Elaine V. Collins

Technical Information Specialist

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

This team is cited for designing NOAALINC, an interactive on-line database that provides access to the collections of 28 NOAA libraries nationwide. World scientists now have desktop access to accurate library information instead of the previous off-line monthly updates. In addition to over 232,000 item records, NOAA researchers can also obtain access to the full text of 22 electronic journals and to the specific listings of over 700,000 journals. NOAALINC is the model for an integrated Commerce library system.

Operational Support Facility

National Weather Service

*National Oceanic and Atmospheric
Administration*

The Operational Support Facility is recognized for developing the WSR-88D Doppler Weather Radar Hotline. The Hotline provides around-the-clock meteorological operations and maintenance support to the tri-agency network of 158 operational WSR-88D sites and 304 user locations. The Hotline team resolved over 60,000 customer requests for assistance and resolved nearly 90 percent of the requests on the initial call. They received overall customer approval ratings of 94 percent on the ten most critical aspects of customer service – both measures far exceeding industry standards for excellence.

PUBLIC SERVICE OR HEROISM

Edward R. Cassano

Manager, NOAA's Channel Islands
National Marine Sanctuary

Stephen F. Beckwith

Assistant Manager, NOAA's Channel
Islands National Marine Sanctuary

Office of Marine and Aviation Operations

*National Oceanic and Atmospheric
Administration*

Lieutenant Commander Cassano and Lieutenant Beckwith are recognized for assistance in controlling a fire on the Santa Barbara (Sterns) Wharf. Both were aboard NOAA's Channel Island National Marine Sanctuary vessel, the RV/BALLENA. The BALLENA was maneuvered along with other vessels, often in heavy smoke, to within feet of the pier to attack the fire. Over one quarter of the pier was engulfed in flames and took four hours to bring under control. Their quick thinking and bravery contributed greatly to controlling the fire.

NWSFO Memphis, Tennessee**NWSFO Little Rock, Arkansas***National Weather Service**National Oceanic and Atmospheric Administration*

The NWS Forecast Office, Memphis, Tennessee and the NWS Forecast Office, Little Rock, Arkansas are recognized for providing numerous accurate and timely severe weather warnings during an unprecedented outbreak of severe storms and tornadoes in central and northeast Arkansas, western Tennessee, and northern Mississippi during the week of January 17, 1999. These two NWS Offices' contributed directly to saving many lives despite the unprecedented nature of the severe weather outbreak at a time of the year when severe thunderstorms and tornadoes are not expected in either Arkansas or Tennessee.

NWSFO Sioux Falls, South Dakota*National Weather Service**National Oceanic and Atmospheric Administration*

The NWS Forecast Office, Sioux Falls, South Dakota is honored for life-saving efforts during the devastating tornado which virtually destroyed the entire community of Spencer, South Dakota on May 30, 1998. The community of Spencer, South Dakota, was literally wiped off the map by a violent F4 tornado. The tornado killed six people, injured nearly half of the town's 320 residents, and destroyed all but a few of Spencer's 190 buildings. The timely warnings issued by NWSFO Sioux Falls provided valuable lead time for people to seek protective shelter, minimizing fatalities despite the near total destruction of the town.

NWSFO Tulsa, Oklahoma**NWSFO Wichita, Kansas***National Weather Service**National Oceanic and Atmospheric Administration*

The NWS Forecast Office, Tulsa, Oklahoma and the NWS Forecast Office, Wichita, Kansas are recognized for unusual creativity, innovation, and skill in overcoming a number of technological challenges while providing critical weather forecast and warning services to the citizens of southeast Kansas, eastern Oklahoma, and northwest Arkansas. On May 3-4, 1999, numerous tornadoes, severe storms, and major flash flooding hit the region resulting in property losses in excess of \$150 million and the loss of six lives. Their aggressive use of modernized technologies was instrumental in preserving the public's safety during this severe weather.

NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION



Silver Medal

SCIENTIFIC/ENGINEERING ACHIEVEMENT

Christopher L. Holloway

Electronics Engineer

Institute for Telecommunication Sciences

*National Telecommunications and
Information Administration*

Dr. Holloway is recognized for development of numerous models that predict the performance of wireless communications systems and commercial electronic circuits. His unique expertise and original developments have been instrumental in significantly advancing the knowledge of electromagnetic theory and its application to commercial electronic systems, and resolving a long-standing problem of printed circuit board radio frequency emissions.

Stephen D. Voran

Electronics Engineer

Institute for Telecommunication Services

*National Telecommunications and
Information Administration*

Mr. Voran is recognized for development of an innovative approach to evaluating the quality of audio signals. His original accomplishments have resulted in the development of a unique objective speech quality measurement methodology that radically advances the state-of-the-art in objective speech quality assessment. A patent on this technology is currently pending and one U.S. company has licensed the technology.

OFFICE OF THE GENERAL COUNSEL



Silver Medal

LEADERSHIP

Linda A. Wells

Director, Commercial Law Development Program

Christopher A. Delfino

Stephen D. Gardner

Attorney Advisors

Mary Lee Owen

International Program Assistant

Jerry A. Walz

Supervisory General Attorney

Stephen Joseph Powell

Chief Counsel for Import Administration

Eleanor Roberts Lewis

Chief Counsel for International Commerce

Office of the General Counsel

Robert L. Stoll

Administrator for Legislative and International Affairs

Alice T. Zalik

Attorney Advisor

Office of Legislative and International Affairs

Patent and Trademark Office

Mary H. Saunders
Supervisory Economist

*National Institute of Standards and
Technology*
Technology Administration

Jay A. Burgess
Supervisory International Trade Specialist
Market Access and Compliance
International Trade Administration
Office of the General Counsel

The Commercial Law Development Team is recognized for leadership in mobilizing a network of experts from throughout the Department, other Federal agencies, multilateral organizations and private firms, to support economic and legal reforms around the globe. The sound economic policies and market-oriented legal regimes that have resulted from this initiative are creating economic opportunities for established businesses and new entrepreneurs, helping to support democracy and political stability in transitional nations, and strengthening ties between the U.S. and our trading partners.

OFFICE OF INSPECTOR GENERAL



Silver Medal

PERSONAL AND PROFESSIONAL EXCELLENCE

Jennifer Hathaway Nobles
Patrick McClafferty
Nicholas Milanek
Laura Schreiber
Inspectors

*Office of Inspections and Program
Evaluations*

Jane Mintz
Auditor

Office of Audits

Office of Inspector General

The OIG inspection team is recognized for its program evaluation of the export licensing process of the Bureau of Export Administration. The team also provided strong direction to and was a major player in the completion of a Congressionally mandated interagency review of export licensing with the OIGs of five other Federal agencies: the Departments of Defense, State, Energy, Treasury, and the Central Intelligence Agency.

CUSTOMER SERVICE

Rosa M. Ortiz

Director, Acquisitions Division

Office of Compliance and Administration

Office of Inspector General

Ms. Ortiz is recognized for managing an innovative and comprehensive program of contract support for the Department and its bureaus to meet the requirements of audited financial statements per the Chief Financial Officers Act of 1990. She identified bureau-specific needs, and negotiated multi-year, multi-tasked contracts. Her efforts resulted in cost savings in excess of \$1.6 million and contract support that meets the immediate financial statement work needs of the Department, provides for flexibility, and meets contracting goals of small business involvement and diversity in the workplace.



PATENT AND TRADEMARK OFFICE



Gold Medal

ADMINISTRATIVE/TECHNICAL SUPPORT

Thomas G. Howell

Mary I. Sparrow

Managing Attorneys

Sheryl D. White

Program Assistant

Assistant Commissioner for Trademarks

Patent and Trademark Office

This group is recognized for contributions in the hiring of attorneys for the Trademark Examining Organization. Through their efforts, they streamlined the hiring process and significantly reduced the time from the first interview to entrance on duty by 67 percent. Additionally, their efforts resulted in increased diversity of trademark attorneys, specifically, increases for African Americans, Hispanics and Asian Pacific Americans. This directly supports the Secretary's initiative to increase the diversity of the Department's workforce.



Michael T. Razavi
Supervisory Patent Examiner

Edward R. Kazenske
Deputy Assistant Commissioner for
Patents

Assistant Commissioner for Patents

Georgeanna Y. Chan

Phong T. Ly

Amy Kim

Patricia K. To

Computer Scientists

Chief Information Officer

Vivian R. Clark

Supervisory Personnel Staffing and
Classification Specialist

Cynthia L. Nelson-Possinger

Chief, Classification and Employment
Division

Darlene E. Primeau

Personnel Staffing and Classification
Specialist

*Associate Commissioner and Chief
Financial Officer*

Patent and Trademark Office

This group is recognized for developing a state-of-the-art, fully automated job application system that has streamlined costly, labor-intensive, and inefficient personnel hiring processes, while improving the quality and efficiency of recruitment efforts. Applicants can now apply for a job over the Internet and managers can view the applications immediately from their desktop computers. This group rethought how recruitment was done, and then developed and deployed a system that saves hundreds of thousands of dollars annually.

EMPLOYEE DEVELOPMENT

Patent Academy

Assistant Commissioner for Patents

Patent and Trademark Office

The Patent Academy is recognized for managing the complex legal and technical training of the 4,000 member Patent Organization and meeting the challenge of training more than 1480 new patent professionals in the past two years. Through their efforts, they were able to provide 750,000 hours of quality instruction to over 4,000 customers.

During these two years, thousands of customers who entered the portals of the Academy were met with the most thorough and effective training available to patent professionals anywhere in the world.



Silver Medal

LEADERSHIP

Arpie G. Balian

Assistant Director, Office of Budget

Associate Commissioner and Chief Financial Officer

Patent and Trademark Office

Ms. Balian is recognized for transforming the Patent and Trademark Office's planning, budget, and performance measurement processes into an integrated, seamless process with a single product and tailored outputs. Her efforts to decentralize planning and budgeting at the Patent Technology Center level support the strategic goal of fully integrated Technology Centers. This moves the Patent and Trademark Office closer to achieving its resource management vision of distributed responsibility and accountability.

CUSTOMER SERVICE

Mindy B. Fleisher

Supervisory Patent Examiner

Margaret M. Parr

Biotechnology Practice Specialist

Assistant Commissioner for Patents

Patent and Trademark Office

Mmes. Fleisher and Parr are recognized for dramatic improvements in customer service. They have been the driving forces behind a diverse approach to improve customer outreach in Technology Center 1600. This approach included the formation of a Biotechnology Customer Partnership, an Annual Open House, and art-specific New Examiner Training. These initiatives have improved relationships with customers and resulted in a more efficient delivery of patent-related services to biotechnology patent applicants.

ADMINISTRATIVE/TECHNICAL SUPPORT

Patent Reengineering Lab

Assistant Commissioner for Patents

Patent and Trademark Office

This team is recognized for the conceptualization, development, and implementation of the Patent Reengineering Lab. The Lab was established to explore new roles and responsibilities for patent examiners and technical support staff in streamlining and improving patent processes. The team's efforts have resulted in an enhanced sense of patent application ownership, resulting in improved quality, cycle time, and customer and employee satisfaction.



TECHNOLOGY ADMINISTRATION



Gold Medal

SCIENTIFIC/ENGINEERING ACHIEVEMENT

William J. Boettinger

Metallurgist

*National Institute of Standards and
Technology*

Technology Administration

Dr. Boettinger is recognized for achievements in applying rigorous principles of thermodynamics to the design and control of a broad range of important industrial processes, ranging from solidification of superalloy turbine blades to solder spreading on circuit boards. As scientific leader of NIST's Consortium for Casting of Aerospace Alloys, he created a fundamental scientific framework for understanding metal casting processes, establishing a new landmark in the way that thermodynamic data are used to predict complex microstructures and properties of multicomponent metal alloys.



Charles J. Glinka

Charles F. Majkrzak

Physicists

*National Institute of Standards and
Technology*

Technology Administration

Drs. Glinka and Majkrzak are recognized for leadership in the development of the world's best combined cold neutron measurement probes for the nanoscale structure of macromolecular materials and thin films. These instruments currently serve the critical research needs of over 100 U.S. companies and universities and have revolutionized the U.S. research posture in many crucial areas of polymer and colloid science and biotechnology. This has directly advanced U.S. capabilities for development of a myriad of new industrial products and processes based on macromolecules.



Silver Medal

LEADERSHIP

Richard H.F. Jackson

Director, Manufacturing Engineering Laboratory

National Institute of Standards and Technology

Technology Administration

Dr. Jackson is recognized for leadership and direction of the Manufacturing Engineering Laboratory (MEL). His extensive involvement with U.S. industry has given him insight into creating a laboratory vision encompassing manufacturing processes from "bolts to bytes." This vision was implemented as a laboratory-wide program in Information Technology (IT) for Manufacturing. Over the past five years a large majority of MEL programs have incorporated the benefits of IT, such as remote collaboration with research partners, telepresence of machine tools and measurement instruments, and sophisticated modeling and simulation of manufacturing processes.

Richard F. Kayser, Jr.

Chief, Physical and Chemical Properties Division

National Institute of Standards and Technology

Technology Administration

Dr. Kayser is recognized for leadership of the Physical and Chemical Properties Division, Chemical Science and Technology Laboratory at NIST. His efforts have resulted in a superb technical program, effective resource management, and establishment of technical programs of direct industrial impact. Through these efforts, Dr. Kayser has assured access for U.S. industry to high quality evaluated properties data that are critical for innovation and design of chemical, semiconductor and other manufacturing processes.

Roger B. Marks

Physicist

National Institute of Standards and Technology

Technology Administration

Dr. Marks is honored for establishing N-WEST, the National Wireless Systems Test Bed, a standards resource anticipating the needs of a developing segment of the broadband wireless access industry. Seventy-one companies and two universities support N-WEST. He defined N-WEST's mission as promoting the development of the industry by creating and carrying out tests and measurements at the system and component levels and by promoting sound operational standards and specifications based on open technical results.

Gregory J. Rosasco

Chief, Process Management Division

National Institute of Standards and Technology

Technology Administration

Dr. Rosasco is recognized for leadership of the Process Measurements Division, Chemical Science and Technology Laboratory at NIST. His vision and resource management have led to programs that are the best in the world, meet the immediate and anticipated needs of U.S. industry, and provide state-of-the-art capabilities to deliver measurement standards and calibration services for temperature, humidity, flow rate, pressure, vacuum, liquid density, volume and air-speed. He is recognized as one of the U.S. Government's leading experts on spectroscopy and its application to process technologies.

PERSONAL AND PROFESSIONAL EXCELLENCE

Stephen Michael Seltzer

Supervisory Physicist

National Institute of Standards and Technology

Technology Administration

Mr. Seltzer is recognized as the world's leading authority on radiation transport codes for high-energy ionizing radiation in the region from 1 keV up to 20 GeV, used by thousands world wide for applications in space, medicine and defense. Mr. Seltzer worked to develop the ETRAN Monte Carlo code in the 1960's which provides the radiation physics base for the present generation of special purpose codes. All these codes rely on his definitive standard reference data as well as refinements to the theoretical methods used for modeling the charged particle interactions in matter.

Michael T. Postek

Supervisory Physical Scientist

Nien F. Zhang

Mathematical Statistician

National Institute of Standards and Technology

Technology Administration

Drs. Postek and Zhang are cited for the identification of the cause of poor performance of automated measuring instruments used in commercial semiconductor wafer fabrication and the invention and development of a scanning electron microscope (SEM) image-sharpness monitor as an effective solution to that costly industrial metrology problem. In collaboration with Hewlett-Packard and the Spectel Company, the NIST team developed the image-sharpness monitor and incorporated it into software packages and a workstation system that solved this problem when implemented on the production line.

SCIENTIFIC/ENGINEERING ACHIEVEMENT

Nile Michael Oldham

Electronics Engineer

National Institute of Standards and Technology

Technology Administration

Mr. Oldham is recognized for developing the technical content that led to the success of SIMnet, the Inter-American System of Metrology calibration network. This network was formally established at NIST last year by officials of the Organization of American States. He spearheaded the establishment of a twelve-country experiment now underway to demonstrate its effectiveness. As a result, Central and South American and Caribbean markets have been opened to U.S. manufacturers through the metrology connection.



EXTERNAL AWARDS

Arthur S. Flemming Award

Gerald T. Fraser
Research Chemist

*National Institute of Standards and
Technology*

Technology Administration

Dr. Fraser was honored for achievements as a research scientist in the field of molecular physics, specifically for his pioneering research and instrumental development in microwave and infrared molecular beam spectroscopy. Key to his success is the development of innovative measurement techniques - figuring out ways to measure physical parameters as much as 100 times better than conventional techniques, thereby enabling him to discover molecular features and properties invisible to other researchers.

B. Carol Johnson

Physicist

*National Institute of Standards and
Technology*

Technology Administration

Dr. Johnson was cited for achievements in the field of optical technology, including innovative scientific contributions to the optical measurement of temperature and the characterization of satellite sensors. A major challenge has been to build new optical radiation measurement systems, known as radiometric systems, to determine the temperature of blackbody sources by direct reference to the high accuracy cryogenic radiometer. Dr. Johnson's techniques are used to place the scales of spectral radiance and irradiance on an absolute detector-based measurement protocol.



National Medal of Science

John W. Cahn

Senior NIST Fellow

*National Institute of Standards and
Technology*

Technology Administration

Dr. Cahn was honored for his profound influence on the course of materials and mathematics research during his forty year career. The foremost authority on thermodynamics since J. Willard Gibbs, Dr. Cahn has applied the basic laws of thermodynamics to describe and predict a wide range of physical phenomena. He is most widely known for his pioneering work on the thermodynamics and kinetics of phase transitions and diffusion, on interface phenomena, and for his discovery, along with Shechtman, Blech, and Gratias, of a quasi-periodic solid known as a "quasicrystal."

Roger W. Jones Award

Robert S. Winokur

Assistant Administrator for Satellite and Information Services

*National Environmental Satellite, Data,
and Information Service*

*National Oceanic and Atmospheric
Administration*

Mr. Winokur was honored for guiding the implementation of a Presidential Decision Directive, which was a significant element of the National Performance Review, that made possible a combined, single civilian and defense environmental satellite program that will save about \$1.8 billion over the life of the program. Mr. Winokur directed a \$650 million program for the development and operation of the Nation's civilian weather and environmental operational geostationary and polar satellite systems, and the environmental data at the NOAA National Data Centers.



The National Association of Hispanic Federal Executives (NAHFE)

President's Executive Excellence Achievement Award

Gloria Gutiérrez

Assistant Director for Marketing and
Customer Liaison

Alfonso Mirabal

Regional Director, Dallas Regional Office

Bureau of the Census

Economics and Statistics Administration

Ms. Gutiérrez and Mr. Mirabal were honored for demonstrating consistent superior performance as Federal Executives over a number of years. They have achieved excellence in all of their endeavors and were recognized by NAHFE for possessing the qualities of leadership, integrity, intellect, outstanding judgement and an ability to work with and manage a diverse workforce.

**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

Michael R. Osver
Priscilla Bailey
Connie Elam

Incentive Awards Program Officers of the Department

Claudia Thornburg — Census
Chris Mondok — PTO
Jennifer Heyob — O/S
Marcia Robertson — NIST
Michael Reskallah — ITA
Azalea Nunnally — OIG
Fara Guest — NOAA

and their valuable assistants

Paul S. Jordan
Armed Forces Color Guard
Visual Design Branch

Notes