

*Forty-Sixth Annual
Honor Awards Program*



1994

United States Department of Commerce

*Forty-Sixth Annual
Honor Awards Program*



**Department of Commerce Auditorium
Herbert C. Hoover Building**
Fourteenth Street and Constitution Avenue, N.W.
October 13, 1994

Music

U.S. Marine Brass Quintet

Introduction

Elizabeth W. Stroud
Director for Human Resources Management

Presentation of Colors

Armed Forces Color Guard

National Anthem

U.S. Marine Brass Quintet

Address

Honorable Ronald H. Brown, Secretary of Commerce

Announcement of Awards

Thomas R. Bloom
Chief Financial Officer and
Assistant Secretary for Administration

Presentation of Silver Medals

Secretary Brown assisted by Department Officials

Presentation of Gold Medals

Secretary Brown assisted by Department Officials

Closing Remarks

Thomas R. Bloom
Chief Financial Officer and
Assistant Secretary for Administration



Message From The Secretary

The 1994 Commerce Honors Awards mark a year of great accomplishment for the Department and for our nation.

In supporting Commerce's historic mission to enhance economic opportunity for the American people, the men and women being recognized today have demonstrated a commitment, a tenacity, and the American "can-do" spirit of creativity and innovation that will lead this country effectively into the 21st century.

Their accomplishments, as noted in this booklet, have advanced all of us in the critical fields of trade, technology and sustainable development, and contributed to job creation, economic growth and a higher quality of life.

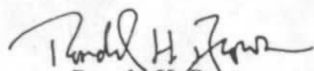
Our honorees' contributions are varied. They have promoted U.S. goods and services, expanded global markets and assisted American exporters abroad. They have helped develop technologies that can generate new products and industries and worked with U.S. firms to improve manufacturing techniques and business practices. And they have served as stewards of our precious natural resources and helped revitalize communities in distress.

And just as we have sought to generate new opportunities for the American people, we also have looked to our own programs to seek improvements: we have embraced and advanced a diversity policy that respects the talents of **all** our employees and sets no limit to the individual contributions and achievements of each man and woman in the Commerce workforce.

Our honorees have dedicated their professional lives to public service — a career President Clinton calls both a great honor and a high privilege — and each honoree has demonstrated his and her commitment to excellence.

As we confront the great challenges ahead, we can be assured of continued leadership from these men and women who already have demonstrated superior dedication and ability.

It is with great pride that I congratulate each of them especially, while expressing my appreciation to the full Commerce team, all of whom have contributed to the successes we celebrate today.


Ronald H. Brown



GOLD MEDAL RECIPIENTS

*This award, the highest
honorary award given by the
Department, is granted by
the Secretary for rare and
distinguished contributions
of major significance to the
Department, the Nation,
or the world.*

Foreign Technical Assistance Group

Bureau of Export Administration

The Foreign Technical Assistance Group is recognized for contributions to developing effective export control systems in the Newly Independent States and Eastern Europe. The Group worked with counterparts in the Department, the interagency community, and foreign governments to create and nurture cooperative export controls. Their efforts resulted in improved awareness of the constructive linkage among export controls, U.S. private investment, and the commercial development of foreign nations. The Group shaped the future direction of export controls. It defined a new BXA mission to apply its Cold War expertise to multilateral export control technical assistance to prevent the proliferation of weapons of mass destruction.

Information Systems Technical Center

Bureau of Export Administration

The Information Systems Technical Center team is cited for contributions to the effective dismantling of a large set of complex and highly technical international regulations controlling exports of computers and telecommunications equipment. The Trade Promotion Coordinating Committee estimated that reductions in computer and telecommunications export controls will eliminate or reduce regulation of technology exports on an estimated \$35 billion in products and affect as many as 600,000 U.S. jobs in high-tech industries. These controls strike a careful balance between U.S. economic security and national security, releasing most commercial products but retaining items for development of weapons of mass destruction. The decontrols will strengthen U.S. competitiveness and put Americans back to work.



David L. McIlwain
Director, Public Works Division

*Economic Development
Administration*

Mr. McIlwain is cited for implementing the Economic Development Administration's (EDA's) program for Disaster Relief Activities under P.L. 103-75. When the spring and summer rains of 1993 caused the Midwest Flood Disaster, Mr. McIlwain stepped in and became personally involved, preparing briefing papers describing EDA's programs and how the Agency could respond to the disaster. After Congress provided \$200 million for a disaster relief program, he worked to assure the timely delivery of the flood-relief assistance. EDA has received 331 requests for assistance. To date, 250 applications totaling \$185.2 million have been authorized. His efforts enabled the legislation to be implemented, assuring economic recovery of the affected areas.



Sherry L. Courtland
Chief, Demographic Surveys Division

*Bureau of the Census
Economics and Statistics
Administration*

Ms. Courtland is recognized for leadership and contributions to the continuous improvements in the demographic survey area. Her managerial philosophy emphasizes innovation, customer service, and quality improvement and has resulted in new and improved direction for the design and operations of household surveys. Ms. Courtland's advocacy of the use of computer-assisted survey information collection techniques has advanced the Census Bureau's reputation in the field of data gathering, processing, and dissemination. Her exemplary efforts have resulted in the redesign and radical improvement of some of the largest and most important household surveys conducted anywhere in the world.



John Steven Landefeld
Deputy Director

*Bureau of Economic Analysis
Economics and Statistics
Administration*

Mr. Landefeld is cited for successfully outlining a framework and initial estimates for the Integrated Economic and Environmental Satellite Accounts (IEESA). These new accounts, which supplement the traditional gross domestic product (GDP) accounts, add a tool in dealing with the analytical and policy issues associated with sustainable development. The pioneering IEESA estimates illustrate the importance of natural resources to the economy and show how the IEESA's provide a more comprehensive picture than the existing GDP accounts. His efforts have put the U.S. in the forefront among nations trying to extend their own accounts to integrate the economy and the environment.



Judith N. Petty
Assistant Division Chief, Census and
Selected Surveys Processing

*Bureau of the Census
Economics and Statistics
Administration*

Ms. Petty is recognized for her contributions to national programs, such as the decennial and the agriculture/economic censuses. Ms. Petty has brought credit to the Census Bureau and the Department and has been one of the strongest proponents of innovative management practices, such as Census Quality Management and Labor-Management Partnership. She has introduced and integrated the most advanced technologies and has actively promoted automation for census processing. Her efforts have resulted in noteworthy quality improvement, higher employee morale, and significant reductions in program cost.

**Export Mexico Team:
U.S. and Foreign Commercial
Service, International Economic
Policy and Trade Development**

International Trade Administration

The Export Mexico Team is recognized for its speedy and effective creation and implementation of the Export Mexico Program. At a time when the NAFTA discussion was focusing primarily on policy, ITA devised the Export Mexico Program which put the importance to U.S. firms of the NAFTA into practical terms, demonstrating the potential benefits of exporting to Mexico and, more importantly, devising a program which assists small- and medium-sized businesses to actually break into the market. The Export Mexico Program has become the model for other targeted export promotion initiatives throughout the Administration.



David P. Mueller
Director, Office of Policy



Ronald K. Lorentzen
Supervisory Import Policy Analyst

International Trade Administration

William D. Hunter
Counsellor

Office of the General Counsel

International Trade Administration



Messrs. Mueller, Lorentzen, and Hunter are recognized for successfully negotiating two of the most important multilateral trade agreements since 1979. The U.S. anti-dumping (AD) and countervailing duty (CVD) laws are an increasingly complex and controversial aspect of U.S. trade policy and trade relations. The final AD and CVD agreements deftly balanced broad and diverse U.S. interests in such a way that import competing industries could continue to receive effective relief, while U.S. exporters could be sure of receiving fair treatment under foreign laws. These Agreements will further U.S. interests for years to come.



Marjory E. Searing
Deputy Assistant Secretary for Japan

William Edward Dunn
Arlene Masue Mayeda
International Trade Specialists

Stephen C. Kaminski
Commercial Officer

International Trade Administration

Jean Heilman Grier
Senior Counsel for Trade Agreements

Office of the General Counsel

International Trade Administration

Dr. Searing, Messrs. Dunn and Kaminski and Mes. Grier and Mayeda are recognized for reaching a groundbreaking agreement on new procedures to be used by the Government of Japan when conducting public works procurements. The new agreement, which for the first time opens up the Japanese public works market to foreign firms, deals creatively with problems that had previously been considered unsolvable and stands as a monument to the persistence, energy, and creativity of the Commerce negotiating team. In successfully concluding this agreement, the negotiating team advanced the interests of U.S. business overseas and fulfilled a longstanding Commerce mission — the opening of the Japanese construction market to foreign competition.



Paul T. Walters
Commercial Officer

International Trade Administration

Mr. Walters is recognized for creating and executing a strategy to help McDonnell Douglas win a \$700 million contract to supply Malaysia with F/A 18 aircraft, despite conventional wisdom that it could not be done. Not only is this the largest U.S. sales contract in Malaysia in years, but follow-on sales by McDonnell Douglas and its chief suppliers are likely to exceed \$2 billion, preserving thousands of U.S. jobs as well as the U.S. defense base. The importance of this sale runs well into the future, cementing a constructive relationship between the U.S. Navy and Malaysia for decades to come. Mr. Walters' efforts have made a profound impact on U.S.-Malaysian relations while advancing the President's priority goal of creating economic opportunities for American workers.



Mark P. Ablondi
Project Coordinator

National Oceanic and Atmospheric Administration

Lt. Ablondi is recognized for heroism while temporarily assigned aboard the United States Geological Survey vessel R/V Karluk for a survey of Vidas Lake and Seal River, Alaska. On July 10, Lt. Ablondi and a crewmember were surveying a bar at the river's entrance from an inflatable boat when a large wave knocked the crewmember overboard. The fallen man was in great danger from the breaking waves and the extremely cold water, and Lt. Ablondi promptly turned the boat to rescue him. While pulling him aboard, another wave broke over the boat, killing its engine and tearing out a part of its floor. The river current then swept the disabled boat three miles out to sea. Lt. Ablondi performed emergency repairs on the boat, paddled it back to shore and safely landed the boat through the surf.



Gary K. Davis
Supervisory Physical Scientist

*National Oceanic and Atmospheric
Administration*

Mr. Davis is honored for achieving critical program goals, enhancing NOAA's ability to view the Earth from space. He did this by monitoring the design, development, integration, and testing of the GOES-I satellite. Mr. Davis, acting as the internal Geostationary Programs Manager, personally brought the efforts of satellite operations, product production (both research and operations), and space-based instrument design and integration together into a cohesive team effort. This team effort resulted in a successful launch on April 13, 1994, and subsequent commissioning of the GOES-8 satellite.



Warren T. Dewhurst
Chief Geophysicist

*National Oceanic and Atmospheric
Administration*

Dr. Dewhurst is cited for dedication and leadership resulting in the creation of the Geophysical Technology Transfer Initiative (GTTI), designed to stimulate commercial, educational, and scientific opportunities between the U.S. and Russia in the earth sciences. The initiative involved Government, industry, and academia in both countries. GTTI has directly resulted in millions of dollars of business between Russia and American companies and has identified numerous important research programs and opportunities for continued cooperation. In joining American industry with Russian technology, he has contributed to the Department's mission of enhancing technological development and commercialization through a program promising to open and expand foreign markets and increase U.S. exports.



Christopher G. Fox
Physical Scientist

*National Oceanic and Atmospheric
Administration*

Dr. Fox is recognized for radically advancing our Nation's ability to monitor the oceans using the Navy's undersea acoustic system originally designed for submarine detection. The National Oceanic and Atmospheric Administration now has the capability to: (1) detect and track migrating whales to determine population; (2) detect underwater volcanic eruptions to determine their effect on climate; and (3) examine these data for other environmental uses. This novel use of a \$15 billion military system represents a technological breakthrough in monitoring the oceans in a cost-effective manner. It also provides another method of conducting environmental research that will lead to new discoveries about the workings of the oceans.

Photograph
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Photograph
not available



Judeth L. Layne
Medical Officer

Mathew N. Ofthus
Boatswain Group Leader

Jon M. Knox
Rotating Electronics Technician

Lisa K. Glover
Ordinary Seaman

*National Oceanic and Atmospheric
Administration*

Lieutenant Commander Layne, Messrs. Ofthus and Knox and Ms. Glover are recognized for their heroic roles in saving the life of a fellow crewmember who lost her leg during a shark attack enroute to Easter Island, Chile. Two crewmembers were injured, the most serious injury being the amputation of a female crewmember's leg. The saving of the crewmembers' lives was the result of the combination of professionalism of the boat crew, the bravery of the individuals who literally pulled her from the jaws of the great white shark, and the expert emergency medical care provided by Lt. Commander Layne.



Richard D. Parlow
Associate Administrator

*National Telecommunications and
Information Administration*

Mr. Parlow is cited for contributions to the management of the Federal Government's radio frequency spectrum, the development of International Radio Regulations and standards that support U.S. interests, and for management of the organization responsible for radio frequency matters. During the past 10 years, he advanced U.S. technical and administrative capabilities for management of the electromagnetic spectrum. Spectrum is key to telecommunications infrastructure development, national security, provision of services to the public, economic growth, and U.S. world leadership and competitiveness. His leadership and technical skills have been key to the development of process improvements and policies to meet increasing spectrum demands by government organizations and U.S. industry.



Charles M. Rush
Chief Scientist

*National Telecommunications and
Information Administration*

Dr. Rush is recognized for developing, and leading the initiation of, the Telecommunications Information Infrastructure Assistance Program (TIAP), aimed at assisting state and local governments, non-profit health-care entities, schools, libraries, and community service organizations in planning and implementing advanced information networks. He successfully developed a program that awards Federal grants to citizens at the local level to see first-hand, the benefits to their daily lives from being connected to the "information superhighway." In the first year of operation, the program has received nearly 1100 applications totaling over \$550 million in requests. These requests are matched by more than \$850 million pledged by the applicants.



Michael K. Kirk
Deputy Commissioner

Michael S. Keplinger
Lee J. Schroeder
Carlisle E. Walters
Alice T. Zalik
Attorney Advisors

Patent and Trademark Office

Messrs. Kirk, Keplinger, and Schroeder and Mmes. Walters and Zalik are recognized for their contributions to the negotiation of the Agreement on the Trade Related Aspects of Intellectual Property (TRIPs). This Agreement is the most comprehensive intellectual property agreement ever negotiated by such a large number of countries. It raises the level of protection for patents, copyrights, trademarks, semiconductor chip layout-designs, trade secrets, industrial designs, and geographical indications. In addition, the TRIPs Agreement establishes standards for the enforcement of intellectual property rights within countries and at the borders.



James E. Hill

Chief, Building Environment Division

*National Institute of Standards and
Technology
Technology Administration*

Dr. Hill is recognized for technical and personal leadership of research for improving environmental systems of buildings and of private sector implementation of the research. His research programs support the American Society for Testing and Materials and the American Society of Heating, Refrigerating, and Air Conditioning Engineers in the development of design data and standards for building mechanical systems. Dr. Hill's work with the Department of Energy and the Environmental Protection Agency has contributed significantly to national goals for energy conservation, indoor air quality, protection of the ozone layer, and environmentally sustainable construction.



Miles E. Smid

Supervisory Mathematician

*National Institute of Standards and
Technology
Technology Administration*

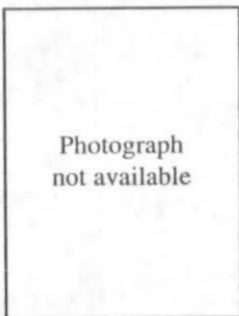
Mr. Smid is honored for technical expertise and leadership abilities in designing, implementing and operating the key escrow system. This system is part of a government initiative which balances the interest of citizens with those of law enforcement and national security within the United States. Citizens desire improved security of their sensitive information while government authorities want to maintain their capability to access certain information when legally authorized. Mr. Smid is designing an advanced technology system which assures decryption of electronic information when lawfully authorized while simultaneously protecting the privacy rights of citizens.



Jack Sugar
Physicist

*National Institute of Standards and
Technology
Technology Administration*

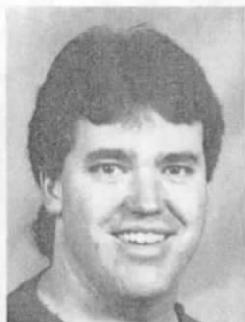
Dr. Sugar is recognized for significant contributions of atomic data having strong impact on progress in technologies and scientific research of national importance. His research has extended from the energy level analysis of very complex spectra of neutral atoms to achievements in high-ionization spectroscopy yielding vital new data for atoms up to 37-times ionized. The technological and research areas that have benefited substantially from Dr. Sugar's work include thermonuclear-fusion plasma diagnostics, spectrochemistry, magnetic-domain imaging, high-intensity lighting, laser physics, basic atomic theory, and astronomy. His achievements have been a major factor in making NIST the main world resource for radiative properties of atoms and atomic ions.



Phyllis Genter Yoshida
Japan Program Management Officer

Technology Administration

Dr. Yoshida is honored for playing a powerful role in building the capacity in the U.S. Government to ensure access by U.S. firms to leading edge developments in science and technology in Japan. She has broadened the scope and reach of the Japan Technology Program so that it now provides greater assistance to U.S. firms. The Program includes the Manufacturing Technology Fellowship Program which supports the on-site study of leading Japanese manufacturing practices by U.S. private sector engineers and the Intelligent Manufacturing Systems Project which has successfully completed its feasibility study. This study has demonstrated the possibility of cooperation between government, industry and academia, and among fiercely competitive countries and companies.



Matt Young
Timothy J. Drapela
Paul D. Hale
Steven E. Mechels
Theodore D. Doiron
Physicists

*National Institute of Standards and
Technology
Technology Administration*

The team is cited for responding to the urgent need of companies to develop measurement technology which U.S. optical fiber manufacturers used to improve control of fiber geometry for requirements of plug-in connectors. Simplified connectors became necessary as the number of connectors in a system grew. A key impediment to improved geometry control was the lack of accurate measurement techniques. The NIST work resulted in three evaluated methods for measuring fiber diameter together with Standard Reference Material (SRM), with an uncertainty less than 50 micrometers, to permit industry to control its measurement accuracy. Major U.S. manufacturers (annual cable shipments worth \$890 million) now ship higher quality products because they have adjusted their drawing towers using the SRM.



*SILVER MEDAL
RECIPIENTS*

*This award, the second highest
honorary award given by the
Department, is granted by
the Secretary for meritorious
contributions of unusual value
to the Department or the Nation.*

**Office of Small and
Disadvantaged Business
Utilization**

*Chief Financial Officer and Assistant
Secretary for Administration*

The Office of Small and Disadvantaged Business Utilization is recognized for providing high quality services to its customers resulting in substantial increases in the amount of Commerce contract dollars going to small, minority, and women-owned businesses. These increases exceeded all expectations and all Departmental goals for awards to small, minority and women-owned businesses.

Michael C. Andrews
Foreign Industrial Analyst

Bureau of Export Administration

Mr. Andrews is recognized for planning, leading and conducting the foreign availability assessment on Synchronous Digital Hierarchy telecommunications equipment. The removal of export controls on this equipment has opened up large foreign markets and has helped the Department advance measures aimed at promoting exports in telecommunications. He structured the study, developed a convincing argument, and won broad interagency support.

William J. Denk
Director, National Security
Preparedness Division

Donald C. Stanton
Maurice M. Cook
John S. Isbell
David W. Gilmore
Trade and Industry Analysts

Bureau of Export Administration

Messrs. Denk, Stanton, Cook, Isbell and Gilmore are recognized for contributions to the Administration's efforts to facilitate the conversion of military enterprises in the Newly Independent States (NIS) to civil applications and to identify attractive business opportunities for U.S. firms in these emerging markets. This team played the key role in developing data and analyses on defense conversion and diversification opportunities for American companies in the NIS.

MOU Negotiating Team

Bureau of Export Administration

The MOU Negotiating Team is recognized for developing a framework for enforcing nonproliferation goals. This team fostered cooperation between two Departments, Commerce and Treasury, and harnessed their nonproliferation export enforcement capabilities. As a result, a unified program exists to prevent rogue regimes from acquiring the technology for weapons of mass destruction. This accomplishment is both a milestone of interagency cooperation and a model for enforcement cooperation worldwide.

David F. Witschi

Director, Economic Adjustment
Division

*Economic Development
Administration*

Mr. Witschi is recognized for direction and leadership in managing a variety of critical Presidential initiatives that are being administered by the Economic Development Administration. Mr. Witschi coordinated the transfer of \$80 million from the Department of Defense for the Defense Conversion Initiative to the Economic Development Administration for community adjustment assistance. Other vital initiatives include the California Project and the Hurricane recovery effort.

James M. Aanestad

Assistant Division Chief for Current
Services and Transportation
Characteristics Surveys

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Aanestad is honored for leadership and accomplishments in initiating programs to improve government information for the services and transportation sectors of our economy. He assessed information needs, initiated realistic improvements in existing data programs, and developed plans for cost-effective improvements in future data collections. He demonstrated unique leadership in developing significant funding increases, both appropriated and reimbursable work with other agencies.

Martin V. Appel

Supervisor Computer Systems
Analyst

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Appel is honored for many technical advances in the development of computer assisted data collection and coding methodologies. His contributions have provided important benefits for the Census Bureau's efficient collection and coding of data. He supervised the research and development of computer prototypes that applied these techniques to various Census Bureau surveys.

Richard F. Blass

Assistant Division Chief for Methods,
Research, and Evaluation

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Blass is honored for leadership in applying statistical methods to study and improve the productivity and quality of field work for censuses and surveys. He enhanced the effectiveness of survey data collection procedures through automation, which included computer-assisted telephone and computer-assisted personal interviewing. Mr. Blass' contributions in applying statistical methods have improved the productivity and quality of field operations for censuses and surveys.

John F. Coder

Statistician (Economics)

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Coder is recognized for significant contributions to improving the quality of Census Bureau income and poverty statistics. During his tenure at the Census Bureau, Mr. Coder has been at the center of virtually every innovation in the areas of poverty and income research. He has made notable contributions to the Current Population Survey Income Supplement and the Survey of Income and Program Participation.

David M. Coontz

Supervisory Visual Information Specialist

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Coontz is honored for mastery of graphic arts. His vision for the future of publishing has advanced the Census Publications and Graphics Program from the antiquated, manual, labor intensive cut and paste methodologies to the current electronic, state-of-the-art electronic methodologies. The Census Publishing Program is now a model for other statistical publishers.

Sandra T. Duckett

Chief, Employment Branch

*Bureau of the Census
Economics and Statistics
Administration*

Mrs. Duckett is honored for innovative contributions to the development of automated personnel systems. She has overseen the design, implementation and maintenance of several automated systems which have allowed the Census Bureau to be 100% responsive to employment inquiries and to generate Merit Assignment worksheets and certificates. Her leadership throughout the development of these systems has brought recognition to the Census Bureau.

Arnold A. Jackson

Associate Director for Information Technology

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Jackson is honored for contributions in bringing the Census Bureau to a new era in information technology. Through his innovative and cost-saving measures, great progress has been made in four areas: mid-decade modernization, high-performance computing, Data Capture System 2000, and new business and planning processes. These initiatives have made the Census Bureau a part of the new world of technology by changing the way it collects, processes, and delivers data.

Haydn R. Mearkle

Assistant Division Chief for Trade Programs

Diane C. Oberg

Chief, Special Projects Branch

Bureau of the Census

Christopher L. Bach

Chief, Balance of Payments Division

Michael A. Mann

Economist

Bureau of Economic Analysis

*Bureau of the Census
Economics and Statistics
Administration*

Messrs. Mearkle, Mann, Ms. Oberg and Dr. Bach are recognized for their development of the new monthly report on U.S. International Trade in Goods and Services. This report allows the Department to produce a more current and comprehensive picture of U.S. international trade by including monthly data on trade in both goods and services. This new report recognizes the realities of the contemporary economy and the extent to which our service and manufacturing sectors have become interwoven.

William L. Nicholls II
Technical Manager

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Nicholls is honored for significant contributions to the advancement of computer-assisted survey information collection (CASIC) technologies. He diligently worked to foster and promote a free exchange of ideas on CASIC technologies and their potential application in the work of Federal statistical agencies, private survey research facilities and statistical agencies of foreign governments.

Edna L. Paisano
Statistician (Demography)

*Bureau of the Census
Economics and Statistics
Administration*

Ms. Paisano is honored for unique contributions to improving government relations with American Indian and Alaska Native tribal governments. Her efforts have been instrumental in identifying alternative methods and strategies for the enumeration of American Indians, Eskimos, Aleuts and other race groups. Her insight has helped the Census Bureau develop what many American Indian and Alaska Native governments see as perhaps the best relationship they have with any Federal agency.

John F. Brougher
Director, Russia and Independent
States Division

International Trade Administration

Mr. Brougher is recognized for the expertise, skill and energy he has brought to developing and implementing U.S. and Commerce Department initiatives for building a commercial relationship with Russia and other New Independent States of the former Soviet Union. The initiatives will speed the transition to a market democracy, enhance U.S. security, increase U.S. exports and jobs, and strengthen the competitive position of U.S. industry in Europe and Asia.

Karen Wilde Goddin
Desk Officer for Indonesia and
ASEAN

International Trade Administration

Ms. Goddin is recognized for her contributions toward increased U.S. exports to Indonesia and the Association of Southeast Asian Nations (ASEAN) countries. Among her accomplishments are: a major review of U.S. commercial interests in Indonesia which will be used by the National Economic Council; key contributions to the US-ASEAN Alliance for Mutual Growth (AMG) Initiative; support for companies bidding on major projects; and effectiveness in dealing with sensitive worker rights issues.

Office of China, Hong Kong and Mongolia

International Trade Administration

The Office of China, Hong Kong and Mongolia is recognized for innovation in the development and execution of an integrated export program for China. The China action plan achieves a primary goal of the National Export Strategy: strong interagency support to develop a major emerging market for U.S. exports. The program benefits from several strategic papers prepared by the Office on overcoming competitive challenges to tap opportunities in China's billion dollar market.

Office of Domestic Operations

International Trade Administration

The Office of Domestic Operations (ODO) is recognized for achieving a critical Departmental goal: consolidating all export promotion and trade finance services of the U.S. government, streamlining these services with those provided by state and local governments and private trade groups. The ODO worked relentlessly in spearheading and designing the implementation of the U.S. Export Assistance Centers which are "one-stop shops", offering effective, responsive trade facilitation.

Office of International Operations

International Trade Administration

The Office of International Operations (OIO) is recognized for achieving Departmental, Congressional and National goals supporting U.S. business and the emerging market economies of Russia and the Newly Independent States. The OIO created and expanded US&FCS offices, implemented the American Business Center assistance program and provided top quality service to U.S. business.

Henry S. Richmond Commercial Officer

International Trade Administration

Mr. Richmond is recognized for cracking open monopolistic enclaves that exist at Hong Kong's airport, particularly the franchises for ground services now totally controlled by vested colonial interests. The benefits to American business can be measured in terms of reduced operating costs and increased sales. His efforts support a high priority objective of the U.S. Consulate in Hong Kong: creation of a level playing field for American providers of services to the Hong Kong Government.

U.S. and Foreign Commercial Service, Warsaw

International Trade Administration

The Commercial Section in Warsaw, Poland, is recognized for its efforts during the economic transition in Eastern Europe, which have been vital to the tremendous growth and success of U.S. business in Poland. It inspired new businesses and successfully lobbied the Polish government on behalf of U.S. companies. At the same time, it absorbed and operated the broadest range of Department programs in Europe and has become the model for expansion of these activities throughout the region.

Uruguay Round Team

International Trade Administration

The team is recognized for playing a crucial role in assuring a substantial contribution by the Department in the historic and successful Uruguay Round negotiations. The Commerce team participated in the multi-faceted negotiations which made up the Round. The team's skill, persistence and expertise were vital to the conclusion of this agreement which will establish and strengthen critical multilateral trade disciplines necessary to the expansion of global and national prosperity.

W. John Hussey

Acting Deputy Assistant
Administrator for Satellite and
Information Services

National Oceanic and Atmospheric Administration

Mr. Hussey is recognized for leadership and contributions to the GOES and Polar Satellites, and Landsat programs over a 21-month period as Acting Deputy Assistant Administrator for Satellites and as Director, Office of Systems Development. Mr. Hussey made major contributions in the procurement and implementation of the highly successful GOES I-M ground system, the convergence of the DOD and NOAA operational polar satellite programs and development of a new U.S. Landsat policy.

Herbert W. Kaufman

Fishery Management Office

National Oceanic and Atmospheric Administration

Mr. Kaufman is recognized for leadership in the development and execution of the Marine Mammal Interim Exemption Program. Mr. Kaufman was responsible for coordinating, planning, budgeting and administering a program designed to collect data from fishing operations throughout the Nation. He identified the requirements and potential problems and developed innovative solutions to allow the program to operate 30 days in advance of the Congressionally mandated date.

Robert A. Maddox

Director, National Severe Storms
Laboratory

*National Oceanic and Atmospheric
Administration*

Dr. Maddox is recognized for research leadership over the past decade, in the development of meteorological radar techniques leading to the establishment, procurement, and first commissioning of the NEXt Generation Weather Radar (NEXRAD), WSR-88D, in February, 1994. His work radically advanced the state-of-the-art in weather radar technology, resulting in a dramatic improvement in NOAA's capability to provide severe weather warnings.

Dennis H. McCarthy

Supervisory Meteorologist

*National Oceanic and Atmospheric
Administration*

Mr. McCarthy is cited for significant contributions instrumental in the continued success of the National Weather Service's modernization program. Under his leadership, the staff at the NWS Office in Norman, Oklahoma, have demonstrated the operational readiness of the Nation's new weather surveillance radar, the WSR-88D. By using the new radar, Mr. McCarthy has led his staff to achieve severe storm warning success rates that have been virtually impossible to reach with conventional systems.

Susan J. McLean

Geophysicist

Carla J. Moore

Geologist

David M. Anderson

Physical Scientist

Eric A. Kihn

Physicist

Marcus O. Ertle

Computer Specialist

*National Oceanic and Atmospheric
Administration*

Mmes. McLean and Moore and Messrs. Anderson, Kihn and Ertle are recognized for pioneering the use of newly developed public domain software along with existing hardware to provide easy access to NOAA data using the Internet Information Highway. While there were over 23,000 traditional data requests serviced by the National Geophysical Data Center during FY 93, the use of Internet now provides 1,000,000 customer file accesses per year.

**NESDIS GOES I-M Ground
Systems and Science
Implementation Team**

Satellite Operations Control Center,
Suitland, Maryland
Command and Data Acquisition
Station, Wallops, Virginia
Office of Research and Applications,
Madison, Wisconsin
Office of Research and Applications,
Ft. Collins, Colorado

*National Oceanic and Atmospheric
Administration*

The NESDIS GOES I-M Ground Systems and Science Implementation team is cited for the design, development, and implementation of the ground systems and science support for the Nation's newest geostationary weather satellite, GOES-8. The satellite provides vital real-time data used by the NWS to diagnose, forecast, and track the development of day-to-day weather and severe storms. Their engineering, scientific, and technical contributions assured the successful launch and operation of the GOES-8.

Selina M. Nauman
Physical Scientist

*National Oceanic and Atmospheric
Administration*

Ms. Nauman is recognized for organizing the establishment of an ice analysis and forecasting capability for the Chesapeake Bay during the winter of 1994. This resulted in safe transport of heating fuel and chemicals for highways critical to public safety and the economy. Her quick reaction to build the infrastructure necessary to provide accurate ice analyses and forecasts allowed the Coast Guard to safely escort ships carrying these critical supplies.

Ralph A. Petersen
Meteorologist

*National Oceanic and Atmospheric
Administration*

Dr. Petersen is recognized for accomplishments in providing NWS forecasters with a new tool (PC-GRIDDS), too dissect atmospheric data in conjunction with the NWS modernization. PC-GRIDDS allows forecasters to explore complex atmospheric data and forecasts on a personal computer. This facility has never existed in NWS field offices, and has sparked a scientific revolution in meteorological analysis, understanding, and forecasting.

Akkihebbal R. Ravishankara
Supervisory Research Chemist

*National Oceanic and Atmospheric
Administration*

Dr. Ravishankara is recognized for furthering the scientific understanding of stratospheric ozone depletion and the polar ozone "hole" and the atmospheric fate of greenhouse gases and chlorofluorocarbon (CFC) substitutes. He conducted landmark research to show which compounds are ozone friendly alternatives to CFCs. His findings have influenced international environmental negotiations and industrial decisions of major economic consequence.

Hsing Hua Shih
Mechanical Engineer

James J. Sprenke
Jerald M. Peterson
Electronics Engineers

Thomas N. Mero
General Engineer

*National Oceanic and Atmospheric
Administration*

Dr. Shih, Messrs. Sprenke, Peterson, and Mero are recognized for developing a portable, digital water-level measurement system which improved the efficiency of hydrographic and photogrammetric surveys. Past surveys used unreliable mechanical gauges to gather baseline water-level measurements. The new system yields improved data quality, is adaptable to specific mission needs and has reduced data loss and the need for frequent site visits.

Lawrence F. Simoneaux
Chief, Operations Division

James M. Herkelrath
Deputy Chief, Operations Division

Steve C. Stringfellow
Director, Health Services

*National Oceanic and Atmospheric
Administration*

Commander Simoneaux, Lieutenant Commanders Herkelrath and Stringfellow are recognized for their roles in saving the lives of two crewmembers of the NOAA Ship DISCOVERER, one of whom lost a leg during a shark attack. From the ship's home port in Seattle, Washington, they set up a command post which provided life saving medical advice to the registered nurse aboard the ship, logistical support for the evacuation of the injured and arrival of emergency medical teams.

George F. Smith
Donna I. Page
Hydrologists

*National Oceanic and Atmospheric
Administration*

Dr. Smith and Ms. Page are honored for the design, development, and implementation of the NWS Interactive Forecast Program (IFP) which revolutionizes hydrologic forecasting operations. The program provides a graphical, interactive, open computer systems environment; advanced hydrologic modeling techniques; and the tools to rapidly identify locations with high flood potential. The program enables the NWS forecasters to improve the timeliness and accuracy of river forecasts and public warnings.

Thomas L. Thompson
Richard H. Winkler
Electronics Engineers

*National Oceanic and Atmospheric
Administration*

Messrs. Thompson and Winkler are recognized for their leading engineering roles in airborne studies of stratospheric ozone depletion over the polar regions. They developed one-of-a-kind hardware and software systems to measure key trace gases and led the engineering and technical management of two highly visible, complex interagency polar ozone campaigns. They are widely acknowledged by the community to have been a major factor in the success of the missions.

Gregory W. Withee
Deputy Assistant Administrator for
Satellite and Information Services

Earl L. Heacock
Director, Office of Satellite Operations

Bruce H. Needham
Senior Policy and Program Advisor

Gregory A. Mandt
Electronics Engineer

Robert O. Masters
Supervisory International Relations
Specialist

*National Oceanic and Atmospheric
Administration*

The NOAA Convergence Team is cited for establishing the feasibility of converging the Department's Polar-orbiting Operational Environmental Satellites (POES) with the DOD Defense Meteorological Satellite Program (DMSP). The complex converged satellite system is crucial to saving lives and property through improved weather forecasts, and will provide environmental sensors critical to unlocking the secrets of climate and global change. The resulting system will save over a billion dollars by 2010.

Frank H. Sanders
Bradley J. Ramsey
Electronics Engineers

Robert L. Hinkle
Assistant Chief, Spectrum
Engineering and Analysis Division

*National Telecommunications and
Information Administration*

Messrs. Sanders, Ramsey, and Hinkle are recognized for contributions to the investigation and resolution of spectrum engineering problems of national importance. Their contributions substantially enhanced the cost-effectiveness and utility of spectrum measurement technology innovation and application in the U.S. and worldwide. Their engineering work has been instrumental in changing the national allocation of the radio spectrum for satellite and other services.

Richard E. Skerjanec
Electronics Engineer

*National Telecommunications and
Information Administration*

Mr. Skerjanec is cited for contributions to the technical testing of the Army Reserve Component Automated System (RCAS). The RCAS is an information processing and telecommunication system that will automate and integrate key administrative and emergency mobilization functions at over 5,000 sites nationwide. His contributions lead to the successful implementation of a state-of-the-art developmental testing and evaluation capability to support the advanced RCAS system.

**Employment and Labor Law
Division**

Office of the General Counsel

The Employment and Labor Law Division is recognized for its quality representation of the Department and its proactive advice and assistance. The work of the Division has contributed enormously to a better understanding by managers and employees throughout the Department of the rights and responsibilities of each.

Daniel J. Buchtel

Auditor

Office of Inspector General

Mr. Buchtel is recognized for leadership and exemplary audit management resulting in improved economy of contract management for the weather service modernization by detecting and preventing program waste and abuse. His audit report recommendations to Departmental contracting officers resulted in significant contract management improvements for professional services. His efforts yielded cost savings of more than \$20 million to the Government.

Judith J. Gordon

Director, Systems Evaluation Division

Office of Inspector General

Ms. Gordon is cited for improving the discipline, focus, organization, and level of analysis of the program offices responsible for managing the most important and expensive systems acquisitions in the Department. Ms. Gordon has made improvements in how systems are developed and acquired through her ability to identify the high-leverage issues and to develop practical, constructive, and balanced solutions to resolve them. Her work has resulted in millions of dollars in cost savings.

William H. Pugh

Director, Financial Statements
Division

Office of Inspector General

Mr. Pugh is recognized for leadership in advancing the goals and objectives of the Chief Financial Officers Act. His work has included critical financial management improvements that will reduce the potential for waste and fraud and provide better accountability. Mr. Pugh has also made significant contributions to the Federal audit community through his service on various committees and teaching at the Inspector General Training Institute.

Deborah L. Kyle

Supervisory Special Programs
Examiner

Jerome W. Massie

Special Program Examiner

Patent and Trademark Office

Ms. Kyle and Mr. Massie are recognized for management and leadership in the Patent Cooperation Treaty International Division. As a direct result of their efforts, backlogs have decreased, work procedures and training improved, and the computerized Patent Application Location and Monitoring (PALM) systems were completely revamped. These contributions have significantly improved Patent Cooperation Treaty Operations.

William J. Boettinger

Metallurgist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Boettinger is recognized for research on metal solidification and casting that made predictive modeling possible in new industrial process technology areas. His work provided the theoretical basis for microstructural design in rapidly solidified materials and was crucial in providing impetus for the NIST/Industry consortium on casting of aerospace alloys. He is a leader in the new science of phase field investigations for process modeling.

B. Stephen Carpenter

Director for International Relations

*National Institute of Standards and
Technology
Technology Administration*

Dr. Carpenter is cited for taking on the primary responsibility for NIST activities in Latin America, including Mexico. During the last four years, NIST International Affairs activities have been placing special emphasis on Latin America because of promising developments in the economic policies of many countries in this region and their emerging importance as trading partners to the United States. He has proven to be an excellent ambassador for NIST and the Department.

Charles W. Clark

Chief, Electron and Optical Physics
Division

*National Institute of Standards and
Technology
Technology Administration*

Dr. Clark is cited for definitive contributions to understanding shell collapse in core-excited atoms. He applied his work to interpreting experiments on advanced superconductors, laser-excited atoms, and surface desorption. He organized a new, collaborative NIST program to apply high performance computing to understanding the fundamental quantum structure of matter. His vision resulted in a new program for electronically disseminating industrially important scientific and engineering data.

Richard G. Gann
Chief, Fire Science Division

*National Institute of Standards and
Technology
Technology Administration*

Dr. Gann is cited for technical and personal leadership in providing scientifically-based test methods to measure the likelihood that a cigarette will ignite soft furnishings such as a couch or mattress. Dr. Gann demonstrated the feasibility of developing cigarettes which are likely to significantly reduce accidental ignition of upholstered furniture and bedding, and developed two excellent test methods that industry can now use to guide its efforts to produce safer cigarettes.

Carol A. Handwerker
Metallurgist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Handwerker is recognized for innovative research on solder properties important for microelectronics. Her analyses and experiments showed the critical effects that solder joint intermetallics have on wettability and solderability. These experiments provided unique first-of-their-kind results crucial to scientific understanding of these processes. Information gained from her research was applied in cooperative work with industry to identify promising lead-free solders.

William M. Haynes
Leader, Properties of Fluids Group

*National Institute of Standards and
Technology
Technology Administration*

Dr. Haynes is cited for exceptional leadership and technical contributions to the development of the world's preeminent program on the properties of industrially important fluids, such as alternative refrigerants, natural gas, hydrocarbons and air. His guidance, insight, dedication, and exceptional technical achievements have been instrumental in establishing NIST's program on fluid properties as the principal source for standard reference data adopted as national and international standards.

David K. Kahaner
Mathematician

*National Institute of Standards and
Technology
Technology Administration*

Dr. Kahaner is recognized for developing an international reputation based on the timeliness, technical quality, and freshness of reports on current developments in information technology in the Western Pacific region, particularly in Japan. The importance of Dr. Kahaner's work in Japan lies not only in the specific information he provided to the readership but also in the new paradigm, using electronic media, that he has demonstrated for making this information quickly available to its intended audience.

F. Lynn McNulty

Associate Director for Computer
Security

*National Institute of Standards and
Technology
Technology Administration*

Mr. McNulty is recognized for technical skills and leadership in coordinating NIST's interactions with high-level policy officials of other Federal agencies and in achieving resolution of extremely complex issues among different constituencies. His efforts are expected to lead to coherent and effective policies for the use of cryptography by the government and the private sector in protecting sensitive information that is interchanged electronically.

Pedatsur Neta

Leader, Experimental Chemical
Kinetics Group

*National Institute of Standards and
Technology
Technology Administration*

Dr. Neta is recognized for his groundbreaking research on "artificial photosynthesis" through a creative use of the techniques of high energy irradiation and laser flash photolysis. His highly productive experimental program on the elucidation of the chemical processes leading to the photogeneration of hydrogen and oxygen from water using metalloporphyrins as photosensitizers has generated a unique, systematic body of knowledge.

Dan A. Neumann**John R. Copley**

Physicists

*National Institute of Standards and
Technology
Technology Administration*

Drs. Neumann and Copley are recognized for leadership in seminal and timely neutron studies of critical molecular-scale properties of buckminsterfullerene and related compounds - totally new carbon-based materials with great promise for industrial applications. This team attracted to NIST many collaborators from the major industries and universities working in development of these rapidly emerging materials. Their work has been widely cited by experts from all over the world.

David W. Norcross

Acting Director, NIST Boulder
Laboratories

*National Institute of Standards and
Technology
Technology Administration*

Dr. Norcross is cited for leadership of the NIST Quantum Physics Division and for contributions to the theory of electron collisions. Under his direction, the Division responded to changing national needs by becoming a world leader in precision measurement, laser development, optical technology and chemical physics. His methodology for calculating what happens when slow electrons collide with atoms is crucial for a wide range of industrial applications involving gaseous discharges.

Steven D. Phillips
Bruce R. Borchardt
Physicists

*National Institute of Standards and
Technology
Technology Administration*

Dr. Phillips and Mr. Borchardt are recognized for the design, development, commercialization, and introduction into documentary standards of an innovative "interim-test" physical standard. This standard allows for rapid, cost-effective, in-use assessment of the stability of calibration of coordinate measuring machines used extensively by industry in automotive, commercial aircraft, and related manufacturing industries.

John R. Rumble, Jr.
Program Manager

Kent A. Reed
Leader, Computer Integrated
Construction Group

Mary J. Mitchell
Supervisory Computer Systems
Analyst

*National Institute of Standards and
Technology
Technology Administration*

Drs. Rumble and Reed and Ms. Mitchell are recognized for their significant contributions that led to the release and approval of the Standard for the Exchange of Product Model Data (STEP), an international standard by the International Organization for Standardization. This standard will revolutionize the way U.S. industry designs and manufactures its products in the twenty-first century.

David S. Simons
Physicist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Simons is recognized for exceptional contributions and leadership in quantitative microbeam mass spectrometry. These efforts include increasing chemical measurement accuracy at ultrasmall dimensions by a factor of five and certification of the first Standard Reference Material for depth profiling. He has made an important contribution to the measurement infrastructure of the electronics technology field, a major component of the U.S. economy.

Lester A. Slaback, Jr.
Supervisory Health Physicist

*National Institute of Standards and
Technology
Technology Administration*

Mr. Slaback is cited for significant contributions in maintaining and improving radiation safety and in enhancing the efficiency of operations as well as the research and development programs at the NIST Research Reactor. He is among the first to investigate the dosimetry for very cold neutrons. He led the effort to develop an automated training system that vastly improved the researchers' accessibility to the facility. He has become a recognized authority on radiation safety regulations.

Gregory C. Tasse
Senior Economist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Tasse is cited for providing economic policy analysis on competitiveness and technology issues of national importance. As the Senior Economist in the NIST Program Office, he consistently performs high quality economic policy analysis for the Secretary of Commerce, OMB, Congress and other policy makers in such areas as defense conversion, venture capital markets, the auto industry, advanced manufacturing, technology and trade, and technology and employment.

EXTERNAL AWARD RECIPIENTS

WISE Lifetime Achievement Award

Katharine B. Gebbie

Director, Physics Laboratory

*National Institute of Standards and
Technology
Technology Administration*

Dr. Gebbie was cited for accomplishments as an internationally respected astrophysicist at NIST/University of Colorado. She was also recognized for technical leadership in challenging management opportunities. Her achievements included actively promoting the advancement of women in science and engineering through mentoring, counseling, and providing career growth opportunities.



Executive Excellence Award for Distinguished Executive Service

Timothy J. Hauser

*Deputy Under Secretary for
International Trade*

International Trade Administration

Mr. Hauser was recognized for providing on-going leadership in the development of U.S. international economic policy and export promotion during a twenty-two year Federal career. His initiatives include: the implementation of the interagency Trade Promotion Coordination Committee, the development of a comprehensive U.S. business advocacy program as well as successful bilateral and multilateral negotiating strategies.



Authur S. Flemming Award

Dr. Susan Solomon

Senior Scientist

*National Oceanic and Atmospheric
Administration*

Dr. Solomon was recognized for key scientific contributions to deciphering the cause of the "ozone hole" and for her leadership of the 1986/7 National Ozone Expeditions to Antarctica. Her work has changed the course of ozone research; influenced worldwide public policy decisions regarding ozone depletion; and exemplified the highest standards of impeccable science in the service of humankind.



**Interagency Committee on Information Resources
Management Award for Technical Excellence**

Joan M. Sullivan
Computer Scientist

*National Institute of Standards and
Technology*

Ms. Sullivan has led the pioneering effort to develop and implement the internationally recognized NIST SQL Testing Program for testing conformance to the Federal Information Processing Standard (FIPS) SQL. The success of the FIPS SQL testing program is leading the way toward unprecedented portability and interoperability of database applications, thus reducing software costs to government and industry.



Robert L. Mairs
Chief, Information Processing Division

Carl P. Staton
Deputy Chief, Information Processing Division

Susan Ladenheim
Chief, Computer Operations Branch

Lou Cambardella
Staff Computer Scientist

Henry Phillips
Acting Chief, Ingest Systems Branch

*National Oceanic and Atmospheric
Administration*



The Central Environmental Satellite Computer System (CEMSCS) team was recognized for leading the way in NOAA's right-sizing efforts including major systems design, software migration and integration, employing a design combination of central processing and client/server architectures. The result of this effort allowed NOAA to avoid costly duplications at major facilities while still taking advantage of distributed processing.

**Interagency Management Council's Award for
Management/Administrative Excellence (FTS 2000 Awards)**

Linda Matthews Hood

Telecommunications Management Specialist

*National Oceanic and Atmospheric
Administration*

Ms. Hood was recognized for contributions in establishing a comprehensive system to reconcile FTS2000 charges with NOAA's decentralized management structure to assure adequate end user information, proper financial controls, accurate billing and cost recovery, and complete management information. The scope of this project touched on virtually every aspect of NOAA, including procurement, information resources management, financial management, and the agency's basic mission of providing environmental information and services.



Executive of the Year Award

Dr. Elbert W. Friday

*Assistant Administrator for
Weather Services*

*National Oceanic and Atmospheric
Administration*

Dr. Friday was recognized for success in managing and directing the NWS during a time of rapid modernization. The multi-year modernization and restructuring program will create the world's most advanced weather and flood warning and forecast system. A variety of new technologies will provide Americans with more accurate forecasts and earlier warnings of severe weather, which will save lives, preserve property, and boost the national economy.



**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

Amy Brown
Karen Jones
Michael R. Osver
Sabrina Taylor

Incentive Awards Program Officers of the Department:

Rebecca Dunn—CEN
Patricia Flower—FCS
Julia Law—O/S
Sharon McQueen—PTO
Azalea Nunnally—OIG
David Nettleton—NOAA
Michael Reskallah—ITA
Joan Schneider—NIST

and their valuable assistants

U.S. Marine Brass Quintet
Armed Forces Color Guard
Office of Administrative Operations
Office of Federal Property Programs
Office of Security

