

*Forty-Second Annual
Honor Awards Program*



1990

United States Department of Commerce

*Forty-Second Annual
Honor Awards Program*



**Department of Commerce Auditorium
Herbert C. Hoover Building
Fourteenth Street and Constitution Avenue, N.W.
October 31, 1990**

Music

U.S. Marine Brass Quintet

Introduction

Joseph C. Brown, Acting Director of Personnel

Presentation of Colors

Armed Forces Color Guard

National Anthem

U.S. Marine Brass Quintet

Address

Honorable Robert A. Mosbacher, Secretary of Commerce

Announcement of Awards

Honorable Thomas J. Collamore
Assistant Secretary for Administration

Presentation of Silver Medals

Secretary Mosbacher assisted by Departmental Officials

Presentation of Gold Medals

Secretary Mosbacher assisted by Departmental Officials

Presentation of the Secretary of Commerce

Annual Quality Award
Secretary Mosbacher assisted by Departmental Officials

Closing Remarks

Assistant Secretary Thomas J. Collamore



Message From The Secretary

We strive for year-round excellence and achievement by all the men and women of the Commerce Department. Once a year our honor awards program provides a special occasion for singling out those whose exceptionally high accomplishments are worthy of recognition with the Gold or Silver medal.

I participate in this program with great satisfaction. It confirms for me the quality, dedication, and excellence I have found in working with individuals and groups throughout the Department. Our success over the past year in carrying forward the objectives of the Administration and in serving the needs of the American people, is a tribute to the cumulative efforts of our employees.

Their distinctive accomplishments affirm the fact that public servants are a truly perceptive, innovative and committed group. As one who has worked in both private industry and the public sector, I feel strongly that nowhere will we find more talented and productive workers than here in Government. As President Bush has noted, "I've not known a finer group of people than those I have worked with in Government."

While only a few of our numbers are recognized in this honor awards ceremony, we all have an opportunity to reflect on the importance of the work we do. What all of you contribute is what is really important--innovation, productivity, and inspiration to others. It makes me proud to congratulate this year's Gold and Silver recipients and to say to each of you that "I am honored to be with you on the Commerce team."

Robert A. Mosbacher



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.*



David Farber

*Deputy Director for Procurement and
Administrative Services*

Assistant Secretary for Administration

Mr. Farber is recognized for his exceptional ability in planning, managing, and seeing through to successful completion a wide variety of complex projects in support of the Department's mission. Among his many accomplishments are the automation of the Commerce Business Daily, the development of an integrated Departmental publishing system, establishment of a Child Care Center, and transformation of the HCH Building cafeteria into a quality food service operation. Mr. Farber's outstanding leadership has resulted in significant improvements in employee morale, productivity, program effectiveness, and the quality of the Department's services.



William L. Clements

*Director, Office of Technology and
Policy Analysis*

Randolph Williams

*Director, Computer Systems Technology
Center*

Joseph Westlake

Supervisory Engineer

Robert Anstead

*Director, Electronic Components
Technology Center*

Surendra Dhir *(not pictured)*

*Director, Capital Goods Technology
Center*

Bureau of Export Administration

Messrs. Clements, Williams, Westlake, Anstead and Dhir are recognized for their exceptional contributions to the improvement of the national security export control system and the enhancement of U.S. competitiveness in the world market. They collaborated extremely effectively under restrictive time deadlines to draft and promote the U.S. position on an unprecedented restructuring of the multilateral export control system. As a result, the U.S. was able to get the multilateral export control organization to accept a proposal that will provide the emerging Eastern European democracies with the appropriate access to Western technology, strengthen the multilateral export control system, and remove barriers to U.S. business effectively competing in the world market.



Paul R. Friday

Computer Scientist

Bureau of the Census

Mr. Friday is recognized for his outstanding technical ingenuity and resourcefulness in the planning, design, construction and operation of the 1990 Decennial Census data capture system, FOSDIC 90. This optical scanner is considerably more sophisticated than similar data capture systems throughout the world today. FOSDIC 90 includes new principles of pattern recognition and answer analysis. FOSDIC 90 scans film images up to 25 pages per second and moves the paper image through the scanner at 72 miles per hour. The successful result of his efforts has greatly enhanced the perception of the Department of Commerce as a leader in the field of data capture.



Robert W. Marx

Chief, Geography Division

Bureau of the Census

Mr. Marx is cited for the successful initiation, development, and use of the Topologically Integrated Geographic Encoding and Referencing (TIGER) data base. This data base converted the traditional manual cartography process to a digital cartographic data base using new and innovative techniques. Mr. Marx led the effort to develop this computer representation of a map that contained information important to census taking operations. TIGER has become the national standard upon which geographic information systems are developed, and will play an important role in many states as they redistrict state legislatures based upon the results of the 1990 decennial census.



Stanley D. Matchett
Chief, Field Division

Bureau of the Census

Mr. Matchett is recognized for his exceptional creativity, leadership and innovations in the 1990 Census of Population and Housing. He initiated design of the automated census geographic support system, restructured census planning activities, and advanced computerization of clerical and reporting functions. He also developed new methods to organize, recruit, train, supervise and pay 1990 census field staff. These innovations led to greatly improved 1990 geographic products, demonstrably higher productivity of 1990 census enumerators, and a management system permitting more effective responses to unanticipated problems.



Kay R. Kuhlman
Commercial Officer

*U.S. and Foreign Commercial Service
International Trade Administration*

Mrs. Kuhlman is recognized for her unusual courage and dedication throughout the tumultuous events of the Romanian Revolution. She served as Embassy liaison with the Department of State's Romanian Task Force keeping the lines of communication open so they could react quickly to the request for authority to evacuate American citizens and Embassy employees. She played a vital role in initiating U.S. food assistance to Romania and in helping U.S. businessmen trapped by the fighting. As the security situation improved, she creatively positioned the U.S. to take advantage of expanding commercial opportunities in the new Romania.



Ying Price

Senior Commercial Officer

*U.S. and Foreign Commercial Service
International Trade Administration*

Ms. Price is recognized for her outstanding performance in the promotion of U.S. commercial interests and her contribution to U.S. firms' success in competing for major project contracts in Hong Kong. Her efforts have been a major factor in the award of over a billion U.S. dollars in contracts to American firms' over the past year. Her trade promotion activities have contributed to the significant decline in our trade deficit with Hong Kong for the past two years. Her achievements are all the more laudable because they were accomplished during a period when the Foreign Commercial Section was seriously understaffed.



Richard R. Cavanagh

*Leader, Surface Dynamical Processes
Group*

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Cavanagh is recognized for his creativity in performing new experiments that have demonstrated the importance of non-thermal processes when molecules are desorbed from surfaces, a result important in attempts to control reaction pathways in catalysis and semiconductor surface processing. Dr. Cavanagh and his coworkers have made the first direct measurements of vibrational relaxation times of molecules on surfaces. These measurements have given new insight into how chemical reactions proceed on surfaces. Dr. Cavanagh's research has advanced the understanding of surface reactions in terms of basic molecular processes and has demonstrated how lasers can be used to measure and control chemical reactions of industrial significance. His achievements have brought worldwide recognition to NIST.



James E. Faller

Physicist

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Faller is cited for his exceptional contributions to research in fundamental measurement science and technology related to gravitational physics. He designed one of the first instruments deployed on the moon by the Apollo 11 astronauts, a device that is still being used to measure Earth-Moon distance by reflecting laser pulses from Earth. For the last 15 years he has led a major program devoted to the design of portable instruments used worldwide for absolute measurements of gravity. Using exquisitely precise and ingenious methods, Dr. Faller has recently nullified the results of several experiments purporting to demonstrate deviations from Newton's law of gravity and a reduction of the Earth's gravitational pull on a gyroscope spinning in a particular direction.



Katharine B. Gebbie

*Director, Center for Atomic, Molecular,
and Optical Physics*

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Gebbie is cited for her outstanding leadership in organizing a new Center for Atomic, Molecular, and Optical Physics. She was called upon to plan, organize, and oversee a wide-ranging reorganization involving more than 160 staff from three centers in Gaithersburg and Boulder. With her energy, vision, and ability, she has instilled confidence in the staff, brought unity to the organization, and initiated new, high visibility projects focused on industrial needs and the long range health of American science and technology. The Center is now clearly and firmly positioned to attack some of the major technological and scientific challenges faced by NIST, industry, and the Nation.



Oskars Petersons

Chief, Electricity Division

*National Engineering Laboratory
National Institute of Standards and
Technology*

Dr. Petersons is recognized for outstanding technical leadership and personal achievements in developing a broad program of electrical measurements critical to the quality and productivity of U.S. industry. He has successfully implemented improvements in the national standards and calibration services that underlie all U.S. electrical measurements and support the \$248 billion domestic electronic equipment and \$166-billion electric power industries. Dr. Petersons' individual contributions range from the invention of a metrologically significant precision high-voltage bridge (patented) to the development of concepts and procedures now in use to calibrate systems for measuring power-transformer losses, which annually burden the U.S. economy by some \$7 billion.



Walter J. Stevens

Supervisory Physicist

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Stevens is recognized for his scientific and administrative leadership of the Center for Advanced Research in Biotechnology (CARB), a joint venture with the University of Maryland and Montgomery County. He designed the CARB computer facility which serves a broad range of complex computer needs from quantum mechanical modelling to gathering and analyzing X-ray data of biomacromolecules. This computer facility provides computer graphics necessary for understanding interactions of biomacromolecules with their environment. His research in molecular modelling of biomacromolecular systems has been at the forefront of research in computational chemistry. Dr. Stevens blends the diverse expertise of CARB scientists to provide generic information needed for the successful exploitation of genetic engineering.



Thomas R. Karl

Chief, Global Climate Laboratory

*National Environmental Satellite, Data
and Information Services*

*National Oceanic and Atmospheric
Administration*

Mr. Karl is recognized both nationally and internationally for his authoritative work in the field of global climate change. His expertise is sought to review scientific proposals, serve on advisory committees, and to co-author a variety of scientific papers in this field. Mr. Karl's extraordinary accomplishments reflect an individual committed to documenting, detecting and understanding climate change. Some of his numerous accomplishments include Chairmanship of the Applied Climatology Committee of the American Meteorological Society and service as an Associate Editor for the "Journal of Climate."



James R. Mahoney

*Director, National Acid Precipitation
Assessment Program*

*Office of the Deputy Under Secretary
National Oceanic and Atmospheric
Administration*

Dr. Mahoney is recognized for single-handedly restructuring the National Acid Precipitation Assessment Program (NAPAP). This research program was established to develop a sound scientific basis for policy formulation on the Federal government's approach to the problem of acid rain. Dr. Mahoney's personal commitment was instrumental in improving communications with the scientists working on this research program, agencies managing the program, the Congress, environmentalists and foreign governments. His creativity and personal vision led to the publication of a series of 27 peer-reviewed State of Science/Technology Reports which summarized the current scientific knowledge in acidic deposition. These reports will form the nucleus of the final report on this ten-year, \$500 million research program.



Paul E. Smith

*Leader, Survey Systems Analysis
Program*

*National Marine Fisheries Service
National Oceanic and Atmospheric
Administration*

Dr. Smith is recognized for outstanding career contributions, which have resulted in new and improved sampling strategies and techniques for quantifying biological and oceanographic processes in the sea and for defining the distribution and abundance of early life stages of fish. Over his 27-year career, he has developed fish and zooplankton concepts that have helped move biological oceanography from a descriptive to the more quantitative, mathematically-based science that exists today. His innovative techniques, including his work on the Egg Production Method, are now widely used to make fundamental calculations for assessing economically important fish populations around the world.



Richard G. Strauch

Chief, Wind Profiler Research

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

Dr. Strauch is cited for his pioneering research on wind profiling radar, a remarkable new weather observing technology. He demonstrated that atmospheric temperature profiling could be achieved by tracking an acoustic pulse with a prototype Wind Profiler Network radar. These remarkable results together with the quality and significance of his other contributions to both the meteorological and engineering literature make Dr. Strauch eminently worthy of this recognition.



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.*

Richard L. Bitzer

Assistant Division Chief for Censuses

Bureau of the Census

Mr. Bitzer is recognized for his exceptional planning and coordination of all phases of the Field Division's involvement in the 1990 decennial census, related pretests and dress rehearsals. Through his tireless devotion to duty, in-depth technical understanding, and outstanding managerial abilities, the Census Bureau has made substantial improvements to the 1990 Decennial Census of Population and Housing data collection and dissemination programs.

Rachel F. Brown

Assistant Division Chief for Operations

Bureau of the Census

Mrs. Brown is recognized for outstanding contributions to the development, implementation, management and coordination of field procedures for address list compilation and enumeration for the 1990 Census of Population and Housing. She also coordinated the design and development of the Evaluation Program for the census. Her contributions and dedication resulted in major improvements in operations and have been recognized inside and outside the Bureau of the Census.

Gordon Woodrow Green, Jr.

Assistant Division Chief for Economic Characteristics

Bureau of the Census

Dr. Green is recognized for his significant contributions and role in the development and implementation of the Survey of Income and Program Participation. He was responsible for a major redesign of the March income supplement to the Current Population Survey and the development of methods to measure the effect of taxes and transfer of payments on economic status.

Richard L. Maier

Chief, ADP Planning and Acquisition Staff

Bureau of the Census

Mr. Maier is recognized for managing a computer acquisition program that resulted in the complete modernization of the Bureau of the Census' central computer facility in Suitland, Maryland. He was also responsible for the leased acquisition of a contingency computer facility in Charlotte, North Carolina. His efforts contributed to the Bureau meeting all of its pre-1990 decennial census data processing requirements.

Michael S. McKay

*Chief, Organization and Management
Systems Division*

Bureau of the Census

Mr. McKay is recognized for providing administrative systems support to Census programs for many years, including the 1990 decennial payroll, personnel and applicant security clearance systems. He also directed the decennial support systems for the 1980 decennial census. Since 1982 he has directed the Census Bureau's organization and management activities, including effective internal control, public use forms clearance, work measurement, administrative office automation, and audit liaison programs.

Richard Bennett Tully

Technical Services Division

Bureau of the Census

Mr. Tully is recognized for implementing a comprehensive funding plan and program schedule encompassing tens of millions of dollars. His direction and oversight were a vital part of the successful development, construction, deployment, and operational readiness of the FACT 90 data capture system for the 1990 decennial census.

John J. Bistay

Supervisory Writer-Editor

International Trade Administration

Mr. Bistay is honored for his outstanding management of the U.S. Industrial Outlook program over the past eleven years. As a direct result of his efforts the Industrial Outlook is one of the premier statistical and analytical economic publications. Throughout the government and in the private sector, the Outlook is a primary source of data and analysis for critical decisions. The success of the Outlook and the credit it brings to the Department are a direct result of Mr. Bistay's unstinting commitment to public service and dedication to excellence.

Roger L. Fortner

District Office Director

*U.S. and Foreign Commercial Service
International Trade Administration*

Mr. Fortner exemplifies the finest qualities in leadership and management skills as a public servant. His performance has brought a new dimension of service to the domestic operations of the U.S. and Foreign Commercial Service. In addition to his willingness to accept prolonged assignments that are of a difficult and disruptive nature, he has also brought distinction to his home district of Charleston, West Virginia and the Nation in serving as advance officer and director of ITA Trade Missions.

Office of Agreements Compliance

International Trade Administration

The Office of Agreements Compliance is recognized for its outstanding performance in implementing the President's international consensus on the elimination of unfair trade practices that distort world steel markets. The Bilateral Consensus Agreements ensure the balanced treatment of producers and consumers, liberalize the Voluntary Restraint Agreements and expand steel trade through the promotion of competition and market forces.

Patrick O. Santillo

Commercial Officer

Samuel P. Troy

Regional Managing Director

Frederick C. Farmer

Trade Specialist

Iris N. Conner

Trade Reference Assistant

Kevin Michael Ellis

Division Director

Yoshiko S. Kawado

Commercial Specialist

*U.S. and Foreign Commercial Service
International Trade Administration*

Messrs. Santillo, Troy, Farmer, Ellis, Ms. Conner and Mrs. Kawado are recognized for developing a long term trade promotion program to promote exports of U.S. manufactured furniture to Japan. Their close cooperation and coordination has been exemplary, and has resulted in

outstanding opportunities for U.S. furniture manufacturers. They have shown through continuous effort, planning and execution, the benefits that can be achieved when various units of the Department of Commerce join forces to assist American businesses.

Richard W. Bukowski

Acting Manager, Technology Transfer

Walter W. Jones

Acting Leader, Fire Hazard Analysis

Richard D. Peacock

Chemical Engineer

Emil Braun

Physicist

C. Lynn Forney

Mathematician

*National Engineering Laboratory
National Institute of Standards and
Technology*

Messrs. Bukowski, Peacock, Braun, Dr. Jones and Mrs. Forney are recognized for their development of HAZARD I, the world's first quantitative fire hazard assessment methodology. This revolutionary evaluation procedure allows prediction of the threat to life and safety arising from fires in dwellings. The evaluation procedures include user-friendly software and a reference guide which allows a user to describe a fire problem and calculate the outcome using professional-quality fire modeling software developed by the team. Hazard I is now in use for new commercial product development and for litigation.

Donald E. Drinkwater

Lead Analyst

*Office of the Director
National Institute of Standards and
Technology*

Mr. Drinkwater is recognized for his outstanding contributions to improving the budget formulation and execution process at NIST. His efforts to automate the budget process resulted in significant increases in productivity and labor savings. His design of a replacement cost authority for equipment and inventories at inflation-adjusted levels and his efforts in justifying adjustments to base requests resulted in substantial additions to the agency's budgetary resources.

David M. Gilliam

Nuclear Engineer

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Gilliam is recognized for his leadership role in the development of the NIST fission rate measurement capability and its applications in nuclear technology and neutron dosimetry. The applications include some of the most accurate fast-neutron reaction rate measurements ever performed in the laboratory. Dr. Gilliam's ingenuity and enthusiasm created a well-characterized fissionable deposit collection that is far better than anything available during the preceding fifty years of nuclear technology.

Noboru Hironaka

Supervisory Electronics Engineer

*National Measurement Laboratory
National Institute of Standards and
Technology*

Mr. Hironaka is cited for his outstanding contributions and leadership in maintaining and improving the efficiency and reliability of time and frequency broadcasts from NIST radio stations WWVH and WWV. These broadcasts constitute a critical infrastructure used to control a wide variety of scientific and industrial systems. Mr. Hironaka's improvements have resulted in dramatically improved reliability and substantial savings in electrical energy costs.

Roger G. Horn

Douglas T. Smith

Physicists

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

Drs. Horn and Smith are recognized for developing the technology by which the field of surface forces measurement advanced from measurements using chemically inert surfaces (mica) to measurements using chemically reactive surfaces (silica). The use of the silica film is significant since it can readily react with a number of both organic and inorganic functional groups. This represents a significant breakthrough, now making it possible to consider controlling surface chemistry on a nanometer level.

Stephen M. Hsu

Chief, Ceramics Division

Alan L. Dragoo

Supervisory Research Chemist

Subhaschandr G. Malghan

Group Leader, Powder Characterization Group

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

Drs. Hsu, Dragoo, and Malghan are cited for their leadership of the International Round Robin on Ceramic Powder Characterization. This research is critical for setting standards for characterization of advanced ceramic powders. The project included 24 laboratories in the United States, Germany and Sweden. Analysis of the Round Robin data has paved the way for international standards of measurement which is impacting ceramic applications in the electronic, automotive, heat transfer, and environmental control fields.

Donald L. Hunston

Group Leader, Polymer Composites

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

Dr. Hunston is recognized for his outstanding scientific and managerial leadership in the investigation of adhesion and the processing and performance of polymer composites. He was responsible for developing two successful budget initiatives and organizing NIST workshops to solicit industrial input to the program directions. He has been responsible

for attracting outstanding young researchers to NIST to form the nucleus of an expanded effort in polymer composites.

Ivan G. Schroder

Supervisory Physicist

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

Dr. Schroder is recognized for his innovative design and development of the neutron guide tube network at the Cold Neutron Research Facility (CNRF). This facility is the only one of its kind in the U.S., and provides new internationally competitive measurement capabilities for the study of all classes of the advanced materials that are at the core of the U.S. industrial economy.

Alvin H. Sher

Assistant Director

*National Engineering Laboratory
National Institute of Standards and Technology*

Dr. Sher is recognized for his exceptional management leadership at NIST. During periods of extraordinary demand, organizational change, and management challenge, Dr. Sher has led the Institute's and the Director's pivotal, central staff office. His leadership, creativity, and good judgment have been critical to organizational productivity and stability. In particular, he was vital to the smooth transition to a new NIST Director and to the establishment of the new Technology Administration.

Gerald C. Straty

Physicist

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Straty is recognized for the development and application of a unique apparatus to study fluids under shear. The apparatus will become a permanent user facility at the NIST Research Reactor, where it will be available to researchers from industry for the study of a wide range of materials. It has received national and international attention and has opened a door to the development of more accurate predictive models for the properties of industrially important fluids and fluid mixtures.

Rance A. Velapoldi

*Chief, Gas and Particulate Science
Division*

*National Measurement Laboratory
National Institute of Standards and
Technology*

Dr. Velapoldi is recognized for outstanding leadership of programs in chemometrics, atmospheric chemistry, and accreditation of U.S. asbestos monitoring laboratories. His understanding of the scientific problems coupled with his skills as a coordinator and negotiator, have allowed NIST and the Environmental Protection Agency to adhere to an extremely demanding schedule for their development of asbestos measurement methods and laboratory accreditation schemes to protect our Nation's schools.

Warren T. Dewhurst

Administrative Officer

*National Ocean Service
National Oceanic and Atmospheric
Administration*

Lieutenant Commander Dewhurst personally developed a method to accomplish the complete transformation of geodetic coordinates between the North American Datum of 1927 and the North American Datum of 1983. This provides a reasonable approach to a perplexing problem. His work is destined to become the standard for the United States, and in particular for the civilian and military mapping agencies.

D. Max Entrikin

*Chief, Special Engineering Projects
Office*

*Office of Administration
National Oceanic and Atmospheric
Administration*

Mr. Entrikin is recognized for his dedication, professionalism, and commitment to quality which have exemplified his leadership in directing the design and development of the facilities required to support the National Weather Service modernization program and the 1990 decennial census. His insight and vision have led to the Special Engineering Projects Office being recognized as unsurpassed in engineering.

Charles M. Fuss, Jr.

Special Agent

*National Marine Fisheries Service
National Oceanic and Atmospheric
Administration*

Mr. Fuss is recognized for his outstanding efforts in fisheries law enforcement, which included developing a network of confidential informants and obtaining information from them which resulted in seizures, arrests, and convictions of major drug smuggling rings throughout the United States. His expert assistance to the law enforcement community, the U.S. Coast Guard, and the U.S. domestic and foreign intelligence communities, are a credit to him and the Department of Commerce.

Eugenia Kalnay

Chief, Development Division

*National Weather Service
National Oceanic and Atmospheric
Administration*

Dr. Kalnay's research and leadership have had a profound impact on operational numerical weather forecasting. Her pioneering work in developing the Lagged Average Forecasting concept have brought her local and international recognition. Additionally, her scientific insight, recruitment of outstanding scientists, and strong encouragement of women to advance in science have significantly contributed to the mission of the National Weather Service.

NWS Office-San Juan

*National Weather Service
National Oceanic and Atmospheric
Administration*

The National Weather Service Forecast Office (WSFO), in San Juan, Puerto Rico is recognized for distinguished, and at times, heroic service before, during, and immediately after the passage of Hurricane Hugo. Although Hugo caused enormous destruction of property throughout the area, the timely preparedness activities and warnings provided by the WSFO contributed to a remarkably low loss of life.

Robert L. Molinari

Supervisory Oceanographer

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

Dr. Molinari is cited for exemplary scientific and organizational leadership in achieving goals of the Subtropical Atlantic Climate Study (STACS). STACS is one of the earliest of NOAA's programs to focus on the role of the ocean in determining the climate of the earth. He orchestrated the participation of 26 other principal investigators from 8 organizations, planned 38 research cruises and has reported results of his work in 26 scientific publications.

Glen W. Sampson

Meteorologist

George N. Clark

Electronics Technician

National Weather Service

*National Oceanic and Atmospheric
Administration*

Messrs. Sampson and Clark are recognized for developing software and hardware resulting in a low-cost, user-friendly, PC-based work station and distribution system that delivers high-quality, real-time satellite imagery to weather offices. The National Weather Service is now implementing this system in over 100 weather offices, including many which have never had access to real-time satellite imagery. This system will have an immediate and positive impact on forecast and warning services nationwide.

NWS Office-Charleston, South Carolina

National Weather Service

*National Oceanic and Atmospheric
Administration*

The National Weather Service Office (WSO) in Charleston, South Carolina is recognized for distinguished and heroic service before, during and after the passage of Hurricane Hugo in South Carolina. Although Hugo caused enormous destruction of property throughout the area, the timely observations and warnings provided by the WSO contributed to a remarkably low loss of life.

Michael T. Sikorski

*Chief, Telecommunication and
Dissemination Branch*

National Weather Service

*National Oceanic and Atmospheric
Administration*

Mr. Sikorski is recognized as the principal architect responsible for upgrading the NOAA Weather Wire Service (NWWS). His contributions resulted in weather watches and warnings being transmitted nationally to the media and the public only seconds after preparation by forecasters and with demonstrated reliability in excess of 99.8%. Mr. Sikorski's leadership, dedication, perseverance, and technical knowledge were essential in assuring the choice of the best and most economical NWWS system.

Lisa B. Koteen

Senior Counsel for Trade Agreements

Office of the General Counsel

Ms. Koteen is recognized for the implementation of the internationally sensitive part of the U.S.-Canada Free-Trade Agreement. She led negotiations of rules governing the panel procedures, crafted implementing regulations, and created and shepherded essential legislation to enactment. Under her guidance as counsel to the U.S. Section of the Binational Secretariat, the panel process functioned smoothly. Thanks to her diplomatic management, this legally complex panel system is recognized internationally as a model for bilateral dispute resolution.

Michael R. Rubin

*Deputy Chief Counsel for National
Institute of Standards and
Technology*

Office of the General Counsel

Mr. Rubin is recognized for his role in the accomplishment of important Secretarial priorities in the implementation of the Computer Security Act of 1987. He participated significantly in crafting a Memorandum of Understanding between the National Institute of Standards and Technology and the National Security Agency which permits Commerce to fully execute its statutory responsibilities, while preserving the national security interests of the United States.

William F. Bedwell, Jr.

*Assistant Regional Inspector
General for Audits*

Office of Inspector General

Mr. Bedwell is recognized for his technical expertise, professionalism and leadership in managing audits of the Department's operations and activities which have resulted in audit savings and management improvements of over \$70 million since 1987. Mr. Bedwell has demonstrated exceptional knowledge of audit standards and ability to concurrently manage numerous complex audits and maximize staff performance.

Oral F. Butcher

*Director, Financial Management
Division*

Office of Inspector General

Mr. Butcher is recognized for achieving outstanding results in managing the Financial Management Division. His leadership, technical expertise, and management skills

have been of the highest order. Work performed under his direction has consistently produced audit coverage of exceptional depth and quality in examining a myriad of complex financial transactions associated with loans, loan guarantees, and grants.

Carolyn P. Acree

Personnel Officer

Patent and Trademark Office

Mrs. Acree is recognized for exceptional leadership and management abilities encompassing a highly dynamic, multi-faceted personnel management program. She has significantly contributed to meeting the Patent and Trademark Office's human resource management needs and to the attainment of major Departmental goals such as meeting pendency and quality goals.

Lynne G. Beresford

Trademark Legal Administrator

Patent and Trademark Office

Ms. Beresford is recognized for her work associated with the Patent and Trademark Office's implementation of the Trademark Law Revision Act of 1988. Despite many obstacles, she managed successfully to direct and supervise the project to modify the automated systems that support trademark processing. As a result of her exceptional abilities, both as a leader and supervisor, the project was completed within the statutorily imposed one-year deadline.

H. Anne Kelly

*Director, Office of National and
International Application Review*

Patent and Trademark Office

Ms. Kelly is recognized for her significant contributions to the Department and to Patent and Trademark Office goals through the positive influence of her exceptional leadership. To support the Secretarial goal of reducing patent pendency, she has made dramatic improvements in the timeliness and quality of pre-examination processing. Many programs of PTO-wide and nationwide significance have benefited from her initiative and creativity.

Ruth Ann Nyblod

Administrator for Project XL

Patent and Trademark Office

Ms. Nyblod is recognized for her superior performance and outstanding contributions in support of Project XL, the Patent and Trademark Office's educational outreach program to encourage the development of inventive thinking and problem-solving skills among America's youth. She has demonstrated extraordinary acumen and personal dedication in encouraging innovation nationwide, and in articulating the importance of the inventive process and the patent system to the future competitiveness of this Nation.

Richard E. Schafer

Associate Solicitor

Patent and Trademark Office

Mr. Schafer is recognized for improvement in Department service through effective litigation skills, simplifying procedures for judicial review, and assisting the Patent and Trademark Office achieve uniform patentability standards in design cases. His leadership in these areas has resulted in significant improvement in the Department's contribution to the patent system.

James T. Walsh

*Administrator for Trademark Policy
and Procedure*

Patent and Trademark Office

Mr. Walsh is recognized for his extraordinary work in connection with the Patent and Trademark Office's implementation of the Trademark Law Revision Act of 1988. Specifically, he drafted comprehensive "Intent-to-Use Guidelines," participated in numerous discussions with trademark practitioners, and structured and helped implement a training program for examining attorneys. His efforts represent a major contribution in support of the Department's overall goals in service to the Nation.



The Secretary of Commerce Annual Quality Award recognizes Department of Commerce organizations that, through their initiative and creativity, have made significant and dramatic improvements in their operations. They have striven to maintain and improve the quality of their products and services to the American people.

This award has been designed to parallel the Malcolm Baldrige National Quality Award in its focus on quality and in its evaluation criteria. Emphasis is placed on quality achievement and improvement, as demonstrated through quantitative data in seven categories -- leadership, information and analysis, strategic quality planning, human resource utilization, quality assurance of products and services, quality results, and customer satisfaction.

**Secretary of Commerce
Annual Quality Award**

Time and Frequency Division

Center for Basic Standards

National Measurement Laboratory

National Institute of Standards and Technology

The Time and Frequency Division is recognized for their continuous and careful attention to the quality of their operation resulting in outstanding time and frequency services for the United States and world leadership in research supporting future services.

Everyone in the Division seeks to emphasize not only the quality of the services to customers, but also the quality of internal operations which assures that services will continue to meet customers needs. The Time and Frequency Division is the "benchmark" organization for the world standard on time and frequency. Its present atomic clock has a reliability of one second in 300,000 years. The next generation atomic clock is striving for reliability of one second in 3 million years.

EXTERNAL AWARD RECIPIENTS

Arthur S. Flemming Award

Geoffrey B. McFadden

Mathematician

*National Engineering Laboratory
National Institute of Standards
and Technology*

Dr. McFadden was honored for his outstanding research accomplishments in providing detailed mathematical models of complex materials properties. These models provide an understanding of the nonlinear behavior of the solidification of alloys and the formation of crystals of materials. These accomplishments are vitally important in industrial applications such as semiconductor manufacture.



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

Paul R. Friday

Computer Scientist

Technical Services Division

Bureau of the Census

Mr. Friday was honored for his distinguished contributions during the development of technology for data capture. He designed and invented the film optical scanning device (FOSDIC) for input to computers for the 1990 decennial census. FOSDIC provides a quantum leap forward in data entry and handling systems on the order of the Hollerith punch card and digital computer.



Miles E. Smid

Supervisory Mathematician

National Computer Systems Laboratory

National Institute of Standards

and Technology

Mr. Smid was selected for his outstanding contributions to the Federal information resources management community. His significant accomplishments include innovative research, development, and implementation of state-of-the-art computer security technology for protecting Federal and private sector automated information systems from unauthorized access and modification.



Awards for Distinction in Financial Management Improvements

Madeleine Austin (*not pictured*)
Senior Attorney

Walter J. McLellan
Senior Attorney

Office of the General Counsel

Larry B. Gross
Supervisory Auditor

Irene E. Lewkowicz
Audit Division Director

Office of Inspector General

Ms. Austin, Messrs. McLellan, Gross, and Ms. Lewkowicz were selected as a group, for closely scrutinizing lender performance in the guaranteed loan program and reducing reimbursement to those lenders who did not comply with their contractual obligations, thereby increasing asset recoveries. Savings to the Government in FY 89 were \$12.7 million.



Hispanic Employment Program Achievement Award

Joe A. Cortez

*Chief, Census Awareness and
Products Staff*

Bureau of the Census

Mr. Cortez was honored for his outstanding contributions in facilitating employment of Hispanics during the 1990 decennial census, effectively managing a multicultural staff dispersed across the Nation, and producing promotions materials that focus on the cultural heritage of Hispanics. His efforts had a direct effect on the delivery of accurate data on the characteristics of the Hispanic society.



DEPARTMENT'S INCENTIVE AWARDS BOARD

Joseph C. Brown
Acting Director of Personnel
Chairman of the Board

Elbert W. Friday, Jr.
Assistant Administrator for Weather Services
National Oceanic and Atmospheric
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Frederick T. Knickerbocker
Executive Director
Office of Economic Affairs

Raymond G. Kammer
Deputy Director
National Institute of Standards
and Technology

Roland H. Moore
Associate Director for Field Operations
Bureau of the Census

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

Special thanks to:

Office of Personnel and Incentive Awards Staff

Karen Jones
Michael R. Osver
Bill Parent

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Loretta Cole-FCS
Natalie Huff-ITA
Golden Mayberry-O/S
Azalea Nunnally-OIG
Sandy O'Brien-NOAA
Joan Schneider-NIST
Claudia Schwalm-CEN
Sadie Scott-PTO
and their valuable assistants

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

