FORTIETH ANNUAL
HONOR AWARDS PROGRAM
1988

PROGRAM
40th ANNUAL
HONOR AWARDS

Department of Commerce Auditorium
Herbert C. Hoover Building
Fourteenth Street and Constitution Avenue, N.W.
October 18, 1988, 2 p.m.

Music
U.S. Marine Band

Introduction
John M. Golden, Director for Personnel and Civil Rights

Presentation of Colors
Armed Forces Color Guard

National Anthem
U.S. Marine Band

Address
Honorable C. William Verity, Secretary of Commerce

Announcement of Awards
Honorable Kay Bulow, Assistant Secretary for Administration

Presentation of Silver Medals
Secretary Verity assisted by Departmental officials

Presentation of Gold Medals
Secretary Verity assisted by Departmental officials

Closing Remarks
Deputy Secretary Donna Tuttle

Soloist
Karen Wiggs-Collins

Message From The Secretary

One of my first duties as Secretary of Commerce was to speak a year ago to Department employees being recognized at the annual Honor Awards program. At that point I had only limited awareness of the quality of employee performance in the Commerce workplace. Having come from the business world, I had used the Department's business services. And I knew it put out weather forecasts that I considered to be highly accurate. But that was about as far as it went.

Now, a year later, my knowledge has broadened and I can speak with authority. From firsthand experience, I know that Commerce employees perform at the highest level. I am greatly impressed by what I have seen.

Should we try to honor every employee who day after day and year after year turns in a distinguished performance, we would need to move this Honor Awards ceremony to a stadium. Instead, we hold a ceremony in the Commerce Auditorium for a smaller number whose performance has met the exacting requirements for the Department's Gold and Silver medals.

I congratulate those being recognized. I thank them for helping make this a rewarding year. At the same time, I urge those hundreds and thousands of others who could be candidates for the Gold and Silver awards next year to keep up the good work. All of you are serving your country well.

William Verity

Secretary of Commerce

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.

Office of Information Resources Management

Bureau of Export Administration

Office of Information Resources Management (OIRM) is recognized for three major improvements of the Export Control Automated Support System. ELAIN (Electronic License Application and Information Network) is a telecommunication network linking BXA with exporters for filing export license applications. LOAS (Licensing Officer Access System) permits Licensing Officer access to 15 million records covering one million past and present applications. This reduces processing time and ensures licensing consistency. Finally, after developing a prototype 32-station network, Harris Corporation has picked OIRM as a test site for development of future network technology. OIRM has been praised by U.S. exporters and has improved the Department's ability to safeguard national security by export controls on strategic goods.

Carl E. Cox

Director, Office of Economic Conditions
Economic Affairs

Mr. Cox plays a key management and substantive role in preparing statements and reports on economic developments for use by senior officials in briefing the public. Mr. Cox's sound judgment and high level of skill have been instrumental in developing the Department's outstanding reputation for accurate and unbiased commentary on economic developments—a reputation critical at a time when DOC commentary has great impact on the financial markets. Under his leadership, Commerce has assumed a substantially expanded role in the Administration's econometric forecasting effort. In addition, Mr. Cox has produced a wide range of analyses on international trade and on capital markets that have been critical to meeting the Department's mission.

Harry A. Scarr

Executive Assistant for Statistical Affairs
Economic Affairs

Dr. Scarr, the key adviser on statistical programs to the Under Secretary for Economic Affairs, is recognized for helping the Department resolve numerous controversial issues. The structural changes faced by the U.S. and the world economy in the 1980's have placed great stress on the U.S. statistical system at a time of severe budget constraints. Dr. Scarr played a key management role in changing statistical programs to meet the needs of private users and policy makers, in maintaining quality with few additional budget resources, and in motivating other departments to improve their own statistical programs. By force of his professional expertise, good judgment and tact, he has brought great credit to himself, the Department and the Federal Government's statistical system.

Michael J. Hegedus

Commercial Officer

Philip R. Agress

International Trade Specialist

Ryoji Yamaguchi
Masaru Kawajiri

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

The U.S. and Foreign Commercial Service high technology trade unit in Tokyo, led by Michael Hegedus with Masaru Kawajiri and Ryoji Yamaguchi, and the high technology trade unit of the ITA's Office of Japan, led by Philip Agress, are recognized for playing a key role in identifying high technology trade opportunities and helping U.S. firms realize large sales over the past two years. They laid the groundwork for these U.S. exports by alerting U.S. business to the opportunities through business counseling and continuous and timely analytical reporting. Their efforts attracted high level U.S. Government and industry attention to the "high tech" trade opportunities in Japan and, most importantly, have led to the sales of over 400 million dollars of U.S. goods and services to Japan.

Franklin J. Vargo

Deputy Assistant Secretary for Europe
International Trade Administration

Mr. Vargo is recognized for sustained outstanding contributions to U.S. international trade throughout his career, most recently by his excellent management of the reopening of a U.S.-Soviet trade dialogue at the direction of the President and the Secretary of Commerce. His work has contributed to a sharp expansion in U.S. manufacturers' exports to the Soviet Union, while fully preserving national security and strengthening the trade incentive for emigration and human rights gains. Mr. Vargo has had a major effect on reducing trade barriers in Europe, resulting in hundreds of millions of dollars of U.S. exports. He was instrumental in assuring that the United States obtain compensation from the European Community with its expansion to include Spain and Portugal.

Curt W. Reimann

Deputy Director for Resources and Operations
National Measurement Laboratory
National Institute of Standards and Technology

Dr. Reimann is recognized for outstanding leadership of significant national programs which address directly the issues of quality improvement, productivity, and health and safety. Dr. Reimann planned and implemented programs which built a sound foundation under the Nation's system of chemical measurements and standards. As Director of the Center for Analytical Chemistry, he helped create programs involving environmental monitoring, clinical and toxicological testing, and materials testing; obtained funding for these programs; and introduced a sound personnel management system to facilitate their implementation. As Deputy Director of the National Measurement Laboratory, he broadened the constituency for NIST services. He also planned and implemented expanded process and quality control programs within NIST.

Robert J. Carpenter

Manager, Parallel Processing Group
National Computer and Telecommunications Laboratory
National Institute of Standards and Technology

Mr. Carpenter is recognized for his outstanding leadership and personal contributions in designing and developing performance measurement hardware and software for very high performance multiprocessor computers. Under his leadership, the Parallel Processing Group has attained a world class reputation for methodology of performance measurement. All advanced supercomputers are based on multiprocessor architectures, which makes the Group's activity critical to their design, evaluation, and efficient use. The research and practical results obtained by Mr. Carpenter have been widely published and presented at many national and international meetings, and have brought recognition and credit to NIST.

Douglas L. Franzen

Electronics Engineer
National Engineering Laboratory
National Institute of Standards and Technology

Mr. Franzen has made major contributions to the increasingly important 2 billion dollar lightwave communications components industry through a farsighted program of test methods development, resulting in 25 new Electronics Industries Association standards that serve to promote marketplace interactions and to improve the U.S. competitive position. In recent collaborative work with Nippon Telegraph and Telephone Corporation (NTT) Japan (for which he received an NTT award), he developed an optical sampling device for measuring the waveform of very high-speed optical pulses. In earlier efforts, Mr. Franzen was the first U.S. worker to achieve a laser-sustained plasma, and he developed the calorimeters which are the basis for National Institute of Standards and Technology calibrations of power meters for pulsed lasers.

Stephen E. Stein

Supervisory Research Chemist
National Measurement Laboratory
National Institute of Standards and Technology

Dr. Stein is recognized for outstanding developmental work on the National Institute of Standards and Technology/Environmental Protection Agency Mass Spectral Database which revolutionizes the identification of unknown chemical species in the thousands of industrial, academic, and Government analytical laboratories where this database is routinely used. Dr. Stein developed an elegant, innovative version of the database for use with personal computers, including simplified procedures for the rapid retrieval of spectra. Dr. Stein's original approach to the design of search algorithms for use with this large database of 43,000 spectra has resulted in significant improvements in the speed and accuracy of the analysis of chemicals.

Arnold H. Kahn

Physicist
Institute for Materials Science and Engineering
National Institute of Standards and Technology

Dr. Kahn is recognized for his theoretical studies of electromagnetic field interactions with metals and alloys. His studies have pioneered the measurement basis for sensors to sense internal temperature and dimensions of alloys undergoing metal forming processes. These noninvasive sensors measure and analyze the electrical currents induced in metals exposed to a fluctuating magnetic field. They are used to monitor hot extrusion and pressure assisted sintering processes and enable implementation of feedback control concepts resulting in dramatic improvement of process productivity and quality.

William E. Carter

Chief, Advanced Technology Section
National Ocean Service
National Oceanic and Atmospheric Administration

Dr. Carter is recognized for his contributions to the conception, founding, and operation of the International Earth Rotation Service. His leadership of the international effort to develop a global network of geodetic Very Long Baseline Interferometry (VLBI) observatories has resulted in the regular operation of the most accurate Earth orientation monitoring system ever built, 5 to 10 years ahead of expectations. The VLBI observations regularly provide the most accurate polar motion, universal time, precession and nutation time series available to the new service, and provide the only means to realize the critically important stable celestial reference frame.

Kikuro Miyakoda

Senior Research Scientist

William F. Stern
Joseph J. Sirutis
M. Daniel Schwarzkopf

Senior Research Associates
Office of Atmospheric Research
National Oceanic and Atmospheric Administration

Dr. Miyakoda, and Messrs. Stern, Sirutis and Schwarzhopf are recognized for providing a new research technology that significantly improves the Nation's weather forecasts provided by the National Meteorological Center (NMC). Also, with the NMC group, they have adapted the research technology for operational use. This work now shows great forecast improvements and enormous societal payoffs. For the medium range weather forecast, useful forecasting skill has been extended to six days, an increase of approximately one and one half days.

Melvyn A. Shapiro

Chief, Meteorological Research Group
Office of Oceanic and Atmospheric Research
National Oceanic and Atmospheric Administration

Dr. Shapiro is recognized for his profound contributions to the understanding of complex meteorological phenomena. At great personal risk, he has made forays into the heart of polar lows to study severe storm characteristics. The broad range and quality of his research have been astounding. From the study of ocean storms and stratospheric-tropospheric exchange, to the study of low-level fronts, to his dominant role in developing scientific acceptance of the NOAA Wind Profiler Network with its ability to improve forecasts, his contributions are legion. The quality and significance of his scientific contributions to the Department's weather research mission and to the meteorological literature are unsurpassed.

W. David Rust

Chief, Storm Electricity and Cloud Physics Research

Vladislav Mazur

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

Drs. Rust and Vladislov are recognized for significant contributions to the understanding of atmospheric and storm electrification processes and for development of unique in-storm observational techniques. The impact of their research has been diverse and substantial, and has provided scientific benchmarks for defining safe operating conditions for aircraft and spacecraft. Their extraordinary dedication, involvement, and contributions to understanding triggered lightning and improving the safety of commercial flight and space program operations have clearly been of substantial benefit to our Nation.

Kenneth G. Robinson, Jr.

Policy Advisor
National Telecommunications and Information Administration

Mr. Robinson is recognized for his accomplishments in achieving policy reforms in efficiency, competition and deregulation in the telecommunications industry. His outstanding performance achieved successes for present and previous administrations. His impartial dedication has resulted in his ability to objectively research, review and advance telecommunication policies benefiting the public and private sectors. NTIA's extraordinary advances in telecommunications are attributable to Mr. Robinson's recommending legislative reform actions impacting foreign communications policies and broadening the scope of competition domestically and internationally. His outstanding performance, coupled with 19 years of public service, have resulted in exceptional achievement and success for NTIA.

Michael A. Levitt

Assistant General Counsel for Legislation and Regulation
Office of the General Counsel

Mr. Levitt is recognized for his exceptional achievements in providing legal services in connection with the legislative activities of the Department. During the Congressional deliberations on trade and competitiveness legislation over the past four years, Mr. Levitt has served as a focal point for coordinating the Department's position and acting as its advocate in interagency deliberations. By virtue of his legal expertise and creative craftsmanship, Mr. Levitt has been highly successful in promoting the Department's view, both within the Executive Branch and in the Congress. He has saved the Nation untold sums by engineering the modification or deletion of protectionist and special interest legislation.

Kenneth Lawrence Cage

Group Director
Patent and Trademark Office

Mr. Cage was key to successful negotiations with the Japanese Government resulting in substantial contribution to the economy and security of the United States. He initiated, planned and participated in difficult and politically sensitive negotiations with the Japanese, which resulted in the April 12, 1988 signing of the implementation documents for a 1956 patent application secrecy agreement. The implementation of this agreement means that United States corporations may now file patent applications on potentially valuable security sensitive inventions in Japan and obtain appropriate protection in Japanese markets for such technology.

Donald G. Kelly

Executive Assistant to the Assistant Secretary and Commissioner
Patent and Trademark Office

Mr. Kelly is recognized for his exceptional contributions to the Department's efforts to recapture America's innovative spirit and global competitive advantage. He displayed highly unusual creativity and tireless energy in designing and promoting a unique outreach program. PROJECT XL, a "Quest for Excellence" in America's schools, which focuses national attention on better preparing our youth to be the problem solvers, decision-makers, inventors, and innovators of tomorrow. Mr. Kelly's work with experts in the field of teaching analytical and creative thinking, with corporate and association executives, and with Federal, state and local government officials, has served to create a grand national partnership fostering innovative educational reform throughout the United States.

David L. Edgell, Sr.

Director, Office of Policy and Planning
U.S. Travel and Tourism Administration

Dr. Edgell is recognized for his outstanding contribution to the Department's goals in exporting tourism as a significant trade in services product, for his pioneering work in negotiating bilateral tourism agreements, for his leadership in multilateral trade in tourism negotiations, and for his distinguished authorship of important articles and publications on trade and tourism. His excellent judgment, initiative, creativity and tact as well as his dedication to public service and personal integrity have strengthened the Department's leadership role in international trade in tourism. Of special significance are his successful efforts to win the U.S. bid to host the 1994 World Cup soccer matches which will increase tourism and create greater international understanding and goodwill.

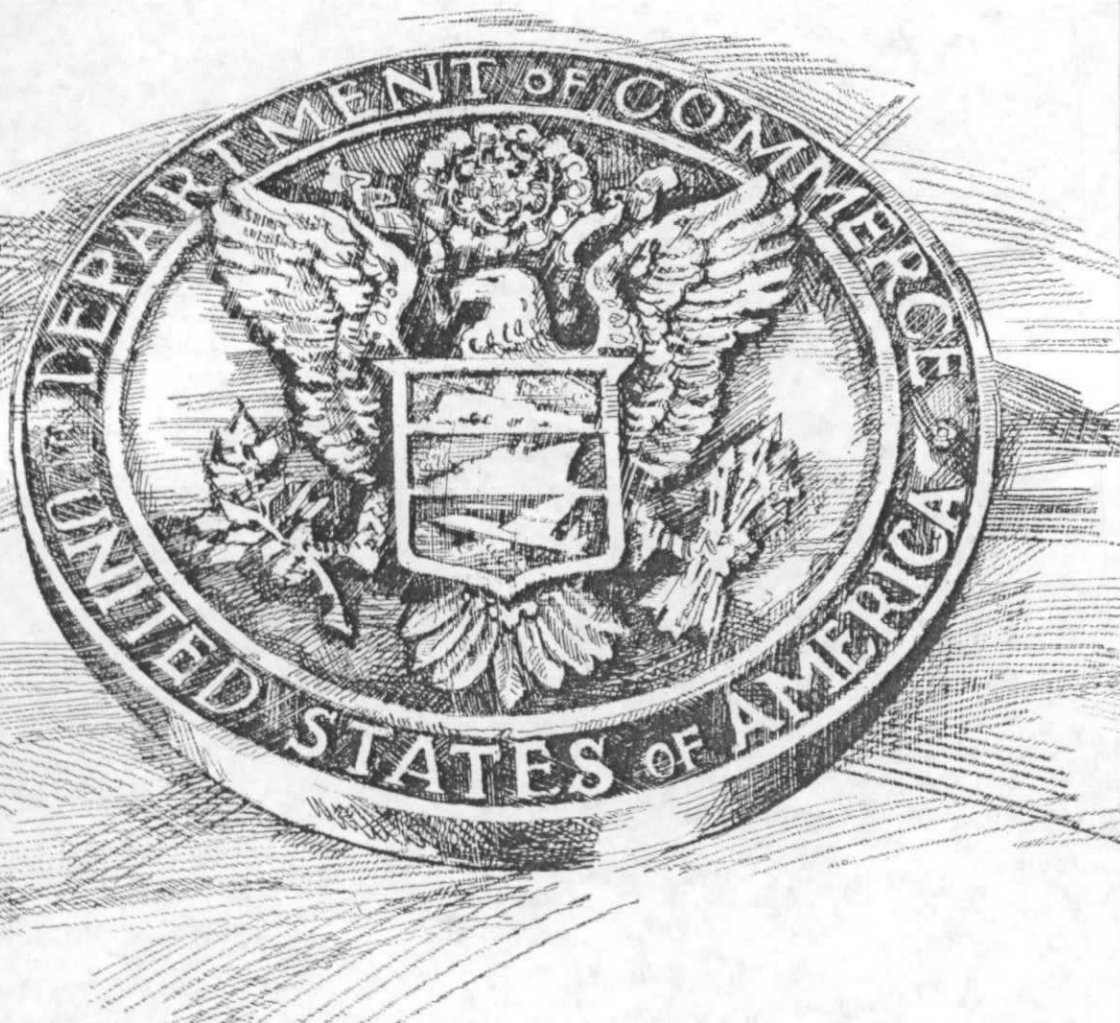
John D. Newell

Assistant Inspector General
Office of Inspector General

Mr. Newell is recognized for his leadership and outstanding contribution to the Department in the assessment and review of automated systems. Mr. Newell has continued to develop unique and useful approaches for auditing major system development efforts. Substantial savings have accrued to the Department by concentrating on the earliest life-cycle management process in the areas of benefit/cost, alternatives analysis, contract statements of work, contractor selection, and systems management.

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.



G. Christian Ehemann

Economist
Bureau of Economic Analysis

Dr. Ehemann is honored for providing exceptional leadership in the development of an outstanding new generation of computerized economic estimation, analysis, and forecasting systems. The completion of these microcomputer-based systems have substantially improved the Bureau's ability to make economic forecasts, to do high quality economic research, and to perform analyses of economic events and policies. These systems have also been provided to other Federal Government agencies to enhance their ability to do analyses of economic events and policies.

Linnea Hazen

Division Chief
Bureau of Economic Analysis

Ms. Hazen is recognized for her contribution to the Department and Nation through her initiation and implementation of improvements in the quality, usefulness and availability of the local area personal income estimates. These estimates provide regional economic information for a wide range of Government and business decision-makers and research analysts. Most recently, she guided the comprehensive revision of personal income estimates released in May 1988, and this greatly increased the detail of the published estimates.

Leonora M. Gross

Chief, Construction Statistics Division
Bureau of the Census

Mrs. Gross is honored for providing outstanding leadership and direction of the Census Bureau's Construction Statistics Division. Under her tenure, the Division's programs have been marked by substantial improvements in productivity, efficiency and usefulness to the business community and Government planners at all levels. She has provided superior management skills to the success of the Division's continuing operations.

Marcella A. Tolson

Administrative Officer
Bureau of the Census

Ms. Tolson is recognized for her outstanding contributions to the management of the administrative activities of the Bureau of the Census' Demographic Surveys. She has developed record keeping systems that have been invaluable in assisting project managers to control multimillion dollar budgets and has continually provided effective solutions to problems concerning staffing, organization, and overall program administration. These efforts have improved the efficiency of the program significantly.

Ralph F. Ives, III

International Economist
International Trade Administration

Mr. Ives is honored for his consistently outstanding contributions to the development and negotiation of U.S. trade policy. He authored an exceptional study to support the President's goal of changing the sugar program. He actively participated in the GATT Uruguay Round as chief U.S. negotiator for tropical products, and prepared U.S. position papers for numerous international negotiations on important trade policy issues.

Maria Andrews

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

Ms. Andrews is recognized for her instrumental role in assisting Nike in establishing an important precedent in trademark protection in Indonesia. The result was that Nike regained its copyright in Indonesia after a long, hard fight. Ms. Andrews' success with Nike has carried over to other firms and led the Indonesian Government to establish new trademark regulations and policies which better protect international trademarks.

Diana B. Solkoff

International Trade Specialist
International Trade Administration

Ms. Solkoff is honored for her invaluable contribution to the negotiation of the Chinese bilateral agreement by providing technical support, historical perspective, and sound tactical advice to the negotiators throughout the talks which lasted for more than a year. The Chinese bilateral agreement is the single most important textile pact in the textile import program. The agreement satisfies the purpose of permitting textile and apparel exports to the U.S. from our largest supplier to grow at a pace that will not disrupt our market and thereby strengthens our bilateral economic relations.

James R. DeVoe

Chief, Inorganic Analytical Research
National Measurement Laboratory
National Institute of Standards and Technology

Dr. DeVoe is recognized for creative research and leadership in analytical science and for the effective application of this science to improved measurement, supporting national efforts in industry, defense, health, environment, and basic science. Dr. DeVoe's research accomplishments and pervasive influence have been principal factors contributing to NIST's work preeminence in trace analysis, resulting in new generations of standards for industry, among the most widely used and produced by NIST.

Antonio Santoro

Research Chemist
Institute for Materials Science and Engineering
National Institute of Standards and Technology

Dr. Santoro is recognized for developing highly important theoretical and experimental methods for measurement of the structure of materials. These methods have been applied in the scientific and industrial communities to the critical evaluation of key chemical and structural properties of new high-technology materials, including ceramics and high-temperature superconductors. Dr. Santoro is an international leader in his field and has significantly enhanced NIST materials research programs.

Joseph J. Ritter

Research Chemist
Institute of Materials Science and Engineering
National Institute of Standards and Technology

Dr. Ritter is recognized for insightful pioneering research into novel routes for producing ceramic powders. Of particular note is his recent work on processes for powders of borides and carbides for structural uses and oxides for electrical and electronic applications, especially high temperature ceramic superconductors.

Haydn N. Wadley

Research Metallurgist
Institute for Materials Science and Engineering
National Institute of Standards and Technology

Dr. Wadley is recognized for his contributions to the development of sensors and their integration into automated control systems for materials processing. Sensors have been developed to measure the internal temperature in steel and aluminum during processing, and the density of powder products during consolidation. These developments have the potential for significantly improving the competitiveness of U.S. industry by improving product quality and reducing waste.

Ronald F. Dziuba

Physicist

Bruce F. Field

Electronics Engineer

Joseph R. Kinard

Physicist
National Measurement Laboratory
National Institute of Standards and Technology

Messrs. Dziuba, Field and Kinard are recognized for their leadership and personal contributions to the development and implementation of sophisticated measurement systems for calibrating clients' resistance, voltage, and thermal transfer standards which signficantly reduced uncertainty and turnaround time. Because of their efforts, NIST is able to meet the critical needs of high technology U.S. companies for timely and accurate basic electrical measurement services.

Graham Morrison

Research Chemist

Mark O. McLinden

Chemical Engineer
National Engineering Laboratory
National Institute of Standards and Technology

Drs. Morrison and McLinden are recognized for innovative solutions to current problems facing the U.S refrigeration industry. Ozone-depleting refrigerants must be replaced quickly. In the face of stiff competition from Japan and West Germany, the long-term competitiveness of the U.S. refrigeration industry depends on the rapid development and testing of efficient and safe replacements. Drs. Morrison and McLinden have provided industry with refrigerant property data in a form that is immediately useful and absolutely essential.

William F. Egelhoff, Jr.

Research Chemist
National Measurement Laboratory
National Institute of Standards and Technology

Dr. Egelhoff is recognized for his creative research contributions in developing the technique of forward scattering in X-ray photoelectron spectroscopy and Auger-electron spectroscopy, and in applying it to fabricate thin-film materials with novel magnetic properties. This technique has been shown to be crucial for growing ordered ultra-thin films with thicknesses of less than about five atomic layers, a range not easily accessible previously.

Howard P. Layer

Physicist
National Measurement Laboratory
National Institute of Standards and Technology

Dr. Layer is recognized for sustained excellence and outstanding accomplishment in the development of a new primary standard for the measurement unit of length. Based on this new reference standard, Dr. Layer provided scientific leadership for the redefinition of the International Unit of Length and carried out scientific research to improve the measured values of natural constants. He is also recognized for the results of his efforts to transfer the new technology to industry and for the excellence of his related publications.

Ronald F. Fleming

Supervisory Physicist
National Measurement Laboratory
National Institute of Standards and Technology

Dr. Fleming is recognized for his leadership and personal technical guidance in nuclear methods of analysis and for the use of these techniques in the characterization of materials of importance to U.S. high technology industries. His initiative has resulted in one of the premier laboratories for accurate trace element analysis and semiconductor materials characterization. His concept for the use of cold neutrons will lead to the next generation of nuclear methods of analysis.

John W. Ekin

Physicist
National Engineering Laboratory
National Institute of Standards and Technology

Mr. Ekin discovered the strain-scaling law predicting superconductor properties and magnet performance, completely changing industry's approach to characterizing and specifying products. Recently, with industrial collaborators, he developed techniques to make extremely low-resistance contacts to specimens of the new class of high-temperature ceramic superconductors, permitting for the first time accurate measurements of the electrical properties of these materials.

David K. Kahaner

Mathematician
National Engineering Laboratory
National Institute of Standards and Technology

Dr. Kahaner is recognized for his pioneering development of Plotted Ordinary Differential (PLOD), a package for personal computers and workstations that combines sophisticated solution techniques for differential equations with extensive interactive graphics. PLOD is a pathsetting achievement in scientific computing that provides unparalleled flexibility. It has been distributed to over 100 locations worldwide, and has led to rapid progress, e.g., in studies of electronic circuits, chemical processes, and weapon systems.

Paul L. Cowan

Physicist
National Measurement Laboratory
National Institute of Standards and Technology

Dr. Cowan has led the highly successful work at the Brookhaven National Synchrotron Light Source. The results obtained to date are outstanding in that not only has every original goal been achieved, but also new avenues have opened including production of surface guided waves; specific chemical shifts produced by excitation of sub-threshold resonances; polarized emission from molecules oriented by X-ray excitation; and complex and, as yet not understood, spectroscopic fragmentation apparently involving Raman-like processes.

Michael L. Tucker

Chief, Facilities and Logistics Division
Office of Administration
National Oceanic and Atmospheric Administration

Mr. Tucker is recognized for exemplary leadership in responding to the Federal resource sharing initiative of the President's Council on Management Improvement. Through his insight and his ability to direct disparate organizations toward a common goal, the Department of Commerce and the Department of Agriculture were able to join resources and develop a National Logistics Supply Center which will annually save three quarters of a million dollars in operating costs.

Edward R. Cassano

NOAA Corps Officer

Daniel W. Granstrom

Wiper
National Ocean Service
National Oceanic and Atmospheric Administration

A major fire broke out on the MILLER FREEMAN while the ship was in port in Seattle. Lieutenant Cassano and Mr. Granstrom, without regard for their own safety, went below decks to fight the fire. They repeatedly led Seattle firemen below decks to guide them in their efforts to extinguish the spreading blaze. They continued this for over an hour until the fire was under control and nearly extinguished. Only then did they allow themselves to be treated for heat exhaustion.

Lloyd C. Huff

Chief, Hydrographic Technology Programs
National Ocean Service
National Oceanic and Atmospheric Administration

Dr. Huff is recognized for superior management in the development of a precision, low cost, portable Water Vapor Radiometer under the auspices of the Commerce's Small Business Innovation Research Program. The design from this project and the resultant commercial enterprise that it has created are recognized as the ideal role model for all Small Business Innovation Research Programs initiatives.

Daniel D. Huppert

Supervisory Industry Economist
National Marine Fisheries Service
National Oceanic and Atmospheric Administration

Dr. Huppert is recognized for his innovative concepts in the application of economic principles to the management of marine fisheries in the U.S. Cited are his work in the area of limited entry, recreational resource valuation, multi-species fisheries in Alaska and coastal pelagic fisheries in California. His contributions have had an important and long-lasting effect on the fisheries policies of the U.S.

Dennis M. Weidner

Foreign Affairs Specialist
Office of International Fisheries
National Oceanic and Atmospheric Administration

Mr. Weidner is honored for furthering the long-term U.S. policy goal of developing a cooperative fisheries relationship with Mexico. He covered the rapidly changing fisheries of Latin America for 13 years in a rare, high-quality performance, accomplishing organization goals that were not thought possible. He built an unparalleled store of information and is regarded as the principal U.S. Government authority on the region's fisheries. His accurate and thorough monthly and annual reports have given reliable and timely insights into major developments, providing valuable information to both U.S. Government policy makers and industry planners.

Kenneth C. Crawford

Meteorologist in Charge
National Weather Service
National Oceanic and Atmospheric Administration

Dr. Crawford is recognized for demonstrating exceptional leadership in promoting the transfer of new technologies into the arena of operations meteorology. He directed an effort which has shown that computer controlled weather surveillance radar can generate superior meteorological data sets, and the proper use of that data results in significantly improved severe weather warnings. In addition, he has directed a pioneering effort of combining automated radar data and data from automated rain gages and river gages to produce a sophisticated flood warning system.

Alan R. Moller

Meteorologist
National Weather Service
National Oceanic and Atmospheric Administration

Mr. Moller is honored for his tireless efforts in implementing public preparedness programs and developing and conducting training sessions on severe weather. Mr. Moller has improved the ability of the National Weather Service to issue timely and effective severe weather warnings based on sound scientific principles.

Gerald S. French

Service Hydrologist
National Weather Service
National Oceanic and Atmospheric Administration

Mr. French's accurate and timely forecasts prevented great loss of life and property in Maine during record-breaking flooding in April 1987. In spite of the complexities of this hydrometeorological event, enough time was provided for the evacuation of hundreds of people.

Joseph P. Gerrity, Jr.

Chief, Short-Range Modeling Branch
National Weather Service
National Oceanic and Atmospheric Administration

Dr. Gerrity is recognized for his outstanding leadership of the National Meteorological Center's (NMC) global modeling program which led to a new computer model that produces significantly more accurate three to ten day weather forecasts. Improvements in forecast accuracy and resulting economic benefits could not have been realized without Dr. Gerrity's outstanding scientific contributions and his skillful coordination of work by NMC scientists and collaborating researchers at NOAA's Geophysical Fluid Dynamics Laboratory.

Johnny S. Smith

Regional Special Services Meteorologist
National Weather Service
National Oceanic and Atmospheric Administration

Mr. Smith is cited for his outstanding contributions to the Nation's marine observational forecast and warning system. His innovative approach to computerized marine communications on the Great Lakes will allow the phasing out of labor-intensive data handling and weather broadcasts and vastly enhance not only the validity of observational data and the accuracy of NWS products, but also increase the number of products available to users in a much more timely manner. Initial monetary savings of $70,000 on the Great Lakes alone will multiply into greater savings as the Computerized Marine Weather Data System concept spreads.

National Oceanographic Data Center

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

Employees of the National Oceanographic Data Center (NODC) are recognized for exceptional commitment to excellence in ocean data management through quality improvement, increased productivity and maintaining high standards of public service. Increases of over 400 percent have been achieved in the amount of data archived and disseminated, as well as reductions of nearly 50 percent in the time between observation of data through archiving. NODC has maintained high service levels—answering 95 percent of all requests within four days. Enhanced availability of global oceanographic data is helping to maintain America's industrial, university, and defense leadership in the highly competitive world of ocean environment.

Michael Crowe

Chief, Program Development Staff
National Environmental Satellite Data and Information Service
National Oceanic and Atmospheric Administration

Mr. Crowe is recognized for making significant contributions in leading an effort to automate the quality control and data handling techniques of the National Climatic Data Center. The six-year development, led by Mr. Crowe, has converted data handling at the Center from a manual effort to an automated one, reducing personnel costs and improving publications. Mr. Crowe's leadership and technical expertise have been a major force in the Center meeting its mission requirements.

D. Gregory Harmon

Applied Services Meteorologist

Christopher E. Fontana

Meteorologist-In-Charge
National Weather Service
National Oceanic and Atmospheric Administration

Messrs. Harmon and Fontana are recognized for improving the ability of the National Weather Service to provide on-site weather forecasts to aid in the suppression of wildfires. They developed the concept of the Air Transportable Mobile Unit (ATMU) and implemented the conversion of the truck-mounted fire weather mobile units to ATMUs, as well as a national plan for mobilization and caching of the ATMU for rapid deployment at wildfire sites.

Robert C. Kilpatrick

Hydrologist

Timothy E. Scrom

Hydrologic Technician
National Weather Service
National Oceanic and Atmospheric Administration

Messrs. Kilpatrick and Scrom are recognized for their outstanding weather forecast and warning service during prolonged rainfall in April 1987 which produced flood damage exceeding $60 million in New York. Five counties were declared disaster areas. Only 11 deaths were reported — 10 of those when a bridge collapsed. Their accurate and timely use and dissemination of data prevented an even greater loss of life and property from this complex hydrometeorolgical event.

Michael J. Nestlebush

Data Collection System Coordinator
National Environmental Satellite Data and Information Service
National Oceanic and Atmospheric Administration

Mr. Nestlebush is recognized for outstanding leadership, management, and technical guidance in improving NOAA's Geostationary Operational Environmental Satellite Data Collection System. This critical program has grown and prospered to an exceptionally high level of performance, supporting many of NOAA's forecast and warning programs, many other Federal agencies' critical environmental programs, and many foreign countries. A 70 percent productivity improvement is directly attributable to Mr. Nestlebush.

William F. Utlaut

Director, Institute for Telecommunication Sciences
National Telecommunications and Information Administration

Dr. Utlaut is recognized for extraordinary leadership and accomplishments promoting U.S. and Departmental interests in domestic and international telecommunication standards. His efforts resulted in the recent international acceptance of a family of telecommunication standards which will greatly aid European and North American digital communication networks. He is also recognized for his outstanding technical leadership of the Institute for Telecommunication Sciences.

Anthony A. D'Aguillo

Regional Inspector General for Investigations
Office of Inspector General

Mr. D'Aguillo is recognized for his exemplary leadership of the Atlanta Regional Office of Investigations. His dedication and creativity, coupled with his outstanding leadership ability, have enabled the Atlanta Office to excel in its mission of fighting fraud, waste and abuse within the Department.

Johnnie E. Frazier

Deputy Inspector General for Planning, Evaluation and Inspections
Office of Inspector General

Mr. Frazier is recognized for his superior leadership and management of the OIG's Inspection Program. His contributions have resulted in substantial savings to the Department and continuing improvements in the management of Departmental units. Mr. Frazier's leadership was important in creating the program and remains the driving force that keeps it successful.

Gary L. Smith

Supervisory Patent Examiner

Dorothy M. Raduazo

Librarian
Patent and Trademark Office

Mr. Smith and Mrs. Raduazo are recognized for demonstrating exceedingly effective leadership and managing the development and implementation of the Automated Patent System (APS) training at the Patent and Trademark Office. The training effort produced results far in excess of all earlier attempts to bring automated searching to the more than 1500 patent professionals at the PTO.

Jerry Smith

Supervisory Patent Examiner
Patent and Trademark Office

Mr. Smith is honored for demonstrating outstanding ability in supervising the operations of the Art Unit and training examiners in the rapidly expanding computer applications art areas in the Patent and Trademark Office. Notwithstanding the increased filings, numerous new hires and group reorganizations, his leadership has resulted in exceptional productivity and substantial pendency reduction of patent applications while maintaining a high level of quality.

John D. Hassett

Director, Office of General Services
Patent and Trademark Office

Mr. Hassett is recognized for his substantial managerial achievements. To support the Secretarial goal of reducing patent pendency, he successfully acquired space, telephones, supplies and furniture to accommodate over 1,200 new patent examiners. He initiated effective actions to reduce backlogs due to increased volumes of incoming mail and reduced the time for examiners to obtain files. Through other initiatives, he has made possible cost savings of hundreds of thousands of dollars.

Jay Philip Lucas

Patent Coordinator
Automated Patent System
Patent and Trademark Office

Mr. Lucas is recognized for heading a user team assigned to the Office of Automation in the Patent and Trademark Office which focused the design, testing and implementation of the initial phases of the Automated Patent System (APS) on user needs. His team developed higher user acceptance in the text search capabilities of the APS resulting in a more than four-fold increase in the use of the APS over a similar commercial system with substantial improvements in patent examining quality.

Marc A. Bergsman

Director, Office of Trademark Program Analysis
Patent and Trademark Office

Mr. Bergsman is honored for his major contributions to the design and operation of the automated trademark search system (T-search). He was the driving force in all aspects of the project. The leadership and dedication he brought to bear on such tasks as identifying the needs of the system users, reconciling the data base, revising design codes, and training examining attorneys were of a singular nature. He is primarily responsible for the successful implementation of automated trademark searching.

Karen M. Cardran

Travel and Tourism Program Specialist
U.S. Travel and Tourism Administration

Mrs. Cardran is recognized for her outstanding leadership and professionalism in developing an efficient format for conveying detailed technical tourism export information to state, city and industry officials. Through coordination of an annual International Marketing Conference, featuring panels of leading foreign tour operators and industry executives, and authorship of a comprehensive technical manual titled "Resources and Opportunities," Mrs. Cardran has expanded the technical assistance coverage of USTTA immeasurably.

EXTERNAL AWARD RECIPIENTS

Arthur S. Flemming Award

Dr. William D. Phillips

Physicist
National Institute of Standards and Technology

Dr. Phillips was honored for his pioneering research which established an entirely new field of atomic physics: the laser cooling and trapping of neutral atoms, which promises significant scientific and practical benefits.

Federal Engineer of the Year Award

Dr. Richard N. Wright

Director, Center for Building Technology
National Institute of Standards and Technology

Dr. Wright was awarded this honor for his outstanding technical expertise and leadership in directing the research of the Center for Building Technology, including several structural failure investigations which have led to improved standards, codes, test methods, and construction practices.

Julius Shiskin Award

Mr. Charles A. Waite

Associate Director for Economic Programs
Bureau of the Census

Mr. Waite was recognized for his many original and important contributions to the development and use of economic statistics throughout his distinguished years of Federal service. His programs have improved the quality of the Census Bureau's monthly merchandise trade data and expanded coverage of available information on the service industry.

Mr. Roger A. Herriot

Senior Demographic and Housing Analyst
Bureau of the Census

Mr. Herriot was honored for his innovative and creative work in income statistics. He was instrumental in developing and directing the second largest household survey ever undertaken by the Census Bureau, the Survey of Income and Program Participation. He has made major contributions to the areas of income and poverty statistics.

Outstanding Federal Employees with Disabilities Award

Mr. R. William Thieme

Patent Classifier
Patent and Trademark Office

Mr. Thieme was selected by the Office of Personnel Management for his outstanding contributions to the Federal Government, his community and to the Patent and Trademark Office.

Roger W. Jones Award for Executive Leadership

Mr. Raymond G. Kammer

Deputy Director
National Institute of Standards and Technology

Mr. Kammer was honored for his executive leadership and outstanding contributions to the National Institute of Standards and Technology and the Department.

Executive Excellence Award

Dr. James E. Denny

Deputy Assistant Commissioner for Patents
Patent and Trademark Office

Dr. Denny was honored for his lifelong commitment and dedication to strengthening and improving the U.S. patent system.

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Bureau of Export Administration

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Assistant General Counsel for Administration
Office of the General Counsel

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

Special thanks to:

Karen Jones
Michael R. Osver
Bill Parent
V. J. Deshpande
and other Office of Personnel Staff

Incentive Awards Program Officers of the Department:
Loretta Cole—FCS
Claudia Schwalm—CEN
Linda Feducia—PTO
Evelyn Fritz—NOAA
LaVerne Hawkins—ITA
Golden Mayberry—O/S
Azalea Nunnally—OIG
Joan Schneider—NIST
and their valuable assistants

U.S. Marine Band
Armed Forces Color Guard
Office of Publications
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