

THIRTY-EIGHTH  
HONOR AWARDS PROGRAM  
1986



# PROGRAM

## 38th ANNUAL HONOR AWARDS



**Department of Commerce Auditorium  
Herbert C. Hoover Building**

Fourteenth Street and Constitution Avenue, N.W.  
November 20, 1986, 11:00 a.m.

**Music**

U.S. Navy Concert Band

**Introduction**

John M. Golden, Director of Personnel

**Presentation of Colors**

Joint Armed Forces Color Guard

**National Anthem**

Karen Wiggs-Collins, Office of the Secretary

**Address**

Honorable Malcolm Baldrige, Secretary of Commerce

**Announcement of Awards**

Honorable Kay Bulow, Assistant Secretary for Administration

**Presentation of Silver Medals**

Secretary Baldrige assisted by Departmental officials

**Presentation of Gold Medals**

Secretary Baldrige assisted by Departmental officials

**Closing Remarks**

Assistant Secretary Kay Bulow



### **Message From the Secretary**

Glance through this program and you will find it liberally sprinkled with descriptions of excellence—phrases like “unique ability,” “making a major technological advancement,” and “achieving lasting improvements.” Recipients of the Department of Commerce awards come from diverse backgrounds with differing responsibilities, yet their dedication to excellence unites them. The Gold and Silver Medals acknowledge this quality—the Gold Medal, given “for rare and distinguished contributions of major significance. . .” and the Silver, for “meritorious contributions of unusual value. . .”

The Department of Commerce, with its diverse missions, is best served through this type of dedication by all its employees. Our Department plays a major role in the Nation’s economic and scientific life, and every employee is important in this process. We need excellence at all levels. The Commerce Honor Awards Program recognizes a few who show it in a truly outstanding way. I congratulate them, and I hope every employee will show the same excellence and aspire to be a winner next year.

A handwritten signature in cursive script that reads "Malcolm Baldrige". The signature is written in dark ink and is positioned above the printed name and title.

Malcolm Baldrige  
Secretary of Commerce

## 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.



**David W. Cartwright**  
**Gerald F. Donahoe**

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*Supervisory Economists*  
*Bureau of Economic Analysis*

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Messrs. Cartwright and Donahoe are recognized for their contributions to the Department and Nation through the development of a price index for computers for use in the GNP estimates. Their success in this task, which is widely recognized as formidable because of the rapid technological change in computers, demanded a high level of technical skill and ingenuity. The incorporation of the new index in the comprehensive revision of the GNP estimates in December 1985 remedied an increasingly serious deficiency and greatly strengthened the estimates.

**Suzanne M. Bianchi**

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*Statistician (Demography)*  
*Bureau of the Census*

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Dr. Bianchi has demonstrated outstanding authorship in her book, *American Women in Transition*. The first of a series of books centered on the 1980 Census of Population, *American Women in Transition* explains and interprets statistics on the changing social, economic, and family roles of women and men in recent decades. The use of many graphic illustrations, a clear writing style, and distribution through a major publisher assure communication to wide audiences. The book describes the proper use and value of official statistics gathered by the Census Bureau. This, Dr. Bianchi's second book, and her numerous articles reflect highly on the professional reputation of the Census Bureau and the Department.

**Gerald F. Cranford**

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*Assistant Director for*  
*Automated Data Processing*  
*Bureau of the Census*

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Mr. Cranford is cited for his outstanding leadership of the Automated Data Processing function in the Census Bureau. His contributions have resulted in significant reductions in program costs and in faster production of Bureau products.

**David F. Findley**

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*Mathematical Statistician*  
*Bureau of the Census*

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Dr. Findley has provided outstanding scientific leadership and has made excellent contributions in the field of time series analysis. His resourcefulness and statistical expertise have been instrumental in the Census Bureau's improvement of seasonal adjustment techniques for economic and demographic data and use of projections based on time series methods. Dr. Findley's scientific contributions as an associate editor of the leading statistical journal, *The Annals of Statistics*, as well as his many publications have enhanced the reputation of the Department in the field of statistics. He has achieved recognition as an authority on time series analysis not only within the Federal government and the United States but in the international scientific community as well.

**David A. Kellerman**

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*Supervisory Survey Statistician*  
*Bureau of the Census*

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Mr. Kellerman, as Program Manager for the Federal Assistance Award Data System and the Consolidated Federal Funds Report, has demonstrated exceptional competence, energy, and versatility in developing methods for obtaining, converting and processing data on expenditures by the Federal government. His work has significantly advanced public sector economics.

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**Stanley D. Moore**

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*Director, Chicago Regional Office  
Bureau of the Census*

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Mr. Moore has demonstrated flexible, innovative, and visible leadership in the management of field operations in the Census Bureau. His career in data collection, processing, dissemination, and public relations is a model for all Census Bureau employees as supported by measurable results.

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**Bruce C. Walter**

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*Supervisory Statistician  
Bureau of the Census*

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Mr. Walter has exhibited outstanding skill in applying a variety of techniques in developing procedures and programs for improving the quality, timeliness, and scope of the merchandise trade data. He made significant contributions in two key areas—the resolution of the import carry-over, and the development of the Census/Automated Commercial System Interface. The success of these endeavors is attributed to Mr. Walter's leadership, competence, and imagination in devising techniques to improve the operations of the Customs Service to better meet the statistical needs of the merchandise trade program.

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**David P. Warner**

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*Chief, Personnel Division  
Bureau of the Census*

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Mr. Warner has provided outstanding leadership and innovation in administering the personnel management program at the Bureau of the Census. Mr. Warner has strengthened the role of Bureau managers as "the personnel manager," improved the Bureau's capacity to easily adjust staffing levels to workload cycles, made administrative operations more efficient, and increased the competence of the personnel staff.

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**V. Gene Larson**

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*Supervisory Debt Management Specialist  
Economic Development Administration*

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Mr. Larson is recognized for substantially improving the Economic Development Administration's organizational ability to collect grant debts. Through his outstanding skill, he has initiated and overseen an unprecedented increase in grant debt collections and related resolution of disputed grant debts. Mr. Larson accomplished an historic increase in actual collections over the FY 1985 Departmental target by \$3 million and the FY 1986 target by an estimated \$7 million. He has provided exceptional leadership of a number of precedent-setting actions in servicing the Public Works Loan portfolio and the related increase in loan debt collections.

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**Michael S. Oberlitner**

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*Supervisory Financial Analyst  
Economic Development Administration*

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Mr. Oberlitner is recognized for his meritorious contributions to the program advancement and management of the Economic Development Administration. Mr. Oberlitner has developed new initiatives for collecting on seriously defaulted loans or loan guarantees due to the Federal Treasury. This not only meant a return of nearly \$50 million, but also served as a warning to other guarantors who would resort to subterfuge or other means to avoid making good on their guarantee. He also developed organizational plans and designed new systems that will enormously advance EDA's accountability and efficiency for years to come.

## **Thomas Gallogly**

*Supervisory Commodity Industry  
Specialist  
International Trade Administration*

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Mr. Gallogly is recognized for his outstanding support of the U.S. metal-working industry and his creative approach to resolving the international competitiveness issues confronting this industry by negotiating a program to dispose of surplus Defense Department machine tools in a national emergency, by authoring comprehensive competitive assessments of the industry, and by preparing insightful briefing materials in support of the Administration's review of the industry's national security petition.

## **Frederic J. Gaynor**

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

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Mr. Gaynor is recognized for his ability to perform in an outstanding manner far above and beyond the norm expected of a member of the Foreign Commercial Service. Mr. Gaynor took great care and effort to develop his local US & FCS staff by encouraging and promoting adequate cross training and familiarity with all aspects of US & FCS functions. He has installed in his staff a spirit of service that has been frequently commented on by U.S. business visitors. He has demonstrated a comprehensive knowledge of the Ivory Coast private sector, at all levels, in addition to the Chamber of Commerce, African Development Bank, and the World Bank.

## **Margaret M. Haggerty**

*Industry Specialist  
International Trade Administration*

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Ms. Haggerty has played a major role in the development of a keener understanding of the importance of the Semiconductor Manufacturing Equipment industry to other larger U.S. high-technology industries and to our national defense. She has been successful in her efforts to bring this information to the

attention of high level government officials and establish a continuing dialogue with industry representatives through a proposed sub-cabinet level Interagency Policy Committee.

## **Laron Jensen**

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

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Mr. Jensen is cited for his outstanding support of American business interests in Saudi Arabia, our thirteenth largest market. His efforts have contributed to preserving our trade position, the U.S.' second largest bilateral trade surplus in the world in 1985, and to securing flexible interpretations of Saudi government regulations on standards, intellectual property, and boycott. Mr. Jensen has sought to resolve creatively the troubling area of business disputes between government agencies and American businessmen. His extensive reporting on business and family relationships has brought to light critical information for potential U.S. investors and suppliers. His support of trade promotion events has been exemplary.

## **Donald R. Loso**

*Regional Managing Director,  
St. Louis District Office  
U.S. and Foreign Commercial Service  
International Trade Administration*

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Mr. Loso is recognized for his exceptional initiative and diligent efforts in developing national training programs, participation in the resolution of organizational structural issues, and the advancement of Federal-state cooperation in the expansion of the nation's export trade. His contributions have significantly enhanced export trade promotion programs within the states of the Plains Region and greatly contributed to the organizational achievements of the U.S. and Foreign Commercial Service.

## **Office of Agreements Compliance**

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### *International Trade Administration*

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The employees of the Office of Agreements Compliance are recognized for their outstanding achievements in implementing and administering the President's Steel Program. Their hard work and technical expertise have proved instrumental both to the successful negotiation of 19 steel export restraint agreements and to the rigorous enforcement of those agreements. The President's Steel Program ranks among the most important trade policy initiatives of this Administration. Through its comprehensive efforts, the office is providing one of our most basic and essential industries the chance to adjust to a changing market on an equal footing with its competitors.

### **Eric B. Outwater**

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*Regional Managing Director,  
Hartford Regional Office  
U.S. and Foreign Commercial Service  
International Trade Administration*

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Mr. Outwater is recognized for his exceptional contributions to resource management in the Office of Domestic Operations. Mr. Outwater worked tirelessly to push forward his idea of a Connecticut World Trade Center to unite the disparate groups around the state dealing with international trade. He has used innovative management ideas to lead his region to the forefront of Federal/state cooperation and the use and understanding of new computer equipment. Mr. Outwater, while on temporary duty in Washington, reorganized and revitalized the domestic operations organization to serve better the regions and districts of the U.S. and Foreign Commercial Service.

### **Lloyd R. Porter**

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

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Mr. Porter was able to bring the Oregon Academic Community together behind one program—the International Trade and Commerce Institute—for which he serves as Associate Director. His

excellent management skills are evidenced by the caliber of the highly successful programs he has developed, programs that greatly support the export expansion efforts of the Department.

### **Ying Price**

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

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Ms. Price is recognized for her meritorious contributions as a Foreign Commercial Officer that have resulted in program advancement in South China. Her work performance during the past three years exerted an extraordinarily strong and sustained influence on expanding U.S. commercial exports and trade, and enhanced U.S. business and trade opportunities in a tri-province area that is larger than France and that has a population of over 115 million. Her achievements are all the more laudable because they were accomplished under difficult physical working conditions, limited staff resources, and a huge workload created by an enormous American demand for contracts and counseling.

### **Karen Ware**

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*Desk Officer for Hungary  
International Trade Administration*

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Ms. Ware is recognized for her advancement of U.S. commercial and foreign policy interests in the development of trade and project opportunities between U.S. companies and Hungary. Her support was crucial to the success of U.S. companies bidding on major projects in Hungary. Ms. Ware's efforts have led to increased Hungarian awareness and interest in U.S. companies—to the benefit of overall U.S. foreign policy objectives in the region.

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**Joseph J. Yancik**

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*Supervisory Commodity Industry  
Specialist (Energy)  
International Trade Administration*

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Dr. Yancik is honored for his leadership and accomplishments in conceiving and organizing coal export promotion programs that are expanding marketing opportunities for U.S. coal exporters. Dr. Yancik's extensive knowledge of world coal trade and excellent working relationships with industry and government officials enhance the Department's role in assisting the coal industry to increase coal exports. Special recognition is given for his major contributions to coal studies requested by Congress.

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**John L. Donaldson**

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*Deputy Director, Office of  
Product Standards Policy  
National Bureau of Standards*

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Mr. Donaldson made major contributions to harmonized governmental and private sector certification programs through development of guidelines for Federal use of industry certification systems and improved Federal certification practices. He worked to increase cooperation and wider Government use of industry programs for third party and self-certification. He effectively heads the U.S. delegation on an international certification committee, assuring recognition of U.S. policies, and provides his acknowledged expertise on domestic, regional, and international certification programs and practices to public and private interests. His outstanding contributions have led to international acceptance of U.S. practices consonant with U.S. trade objectives.

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**James F. Ely**

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*Chemist  
National Engineering Laboratory  
National Bureau of Standards*

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Dr. Ely is recognized for his outstanding creativity and technical leadership in developing theoretically-based predictive models for the thermophysical properties of fluids. He is also recognized for his contribution to the development of the computer program, Transport Properties Prediction (TRAPP), which predicts the transport properties of hydrocarbon mixtures over a wide range of temperatures, pressures, and compositions. As a result of his research, the chemical, petroleum, and gas processing industries in the United States are better able to design more efficient manufacturing plants and implement enhanced oil recovery projects. For his considerable resourcefulness and ingenuity in transferring these technologies to users, Dr. Ely in May 1986 received a "Special Award for Excellence in Technology Transfer" from the Federal Laboratory Consortium.

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**Joseph Fine**

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*Physicist  
National Measurement Laboratory  
National Bureau of Standards*

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Dr. Fine is recognized for his significant contributions to the physics of the interaction of ions with solid surfaces and for the development of standard reference material and benchmark reference data for the measurement of depth profiles. Dr. Fine led an international effort to address the needs of the electronics, materials, and chemical communities to measure accurately the variation of selected elements as a function of depth from a surface. He organized the efforts of a consensus standards group on surface analysis and worked with foreign collaborators to develop multilayer thin-film reference materials. Dr. Fine developed a new and sensitive technique to measure mass loss under ion bombardment conditions and collaborated with theoreticians in the U.S. and abroad in modeling ion interactions with solids.

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**Robert E. Hebner, Jr.**

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*Supervisory Physicist  
National Engineering Laboratory  
National Bureau of Standards*

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**D**r. Hebner is recognized for his leadership role and personal contributions in developing electrical measurements that support the Nation's electric power system. Under his leadership, the accuracy of routine calibrations of reference standard electric power and energy meters improved five-fold, and measurement techniques for electric fields were developed that form the basis for standards of the Institute of Electrical and Electronics Engineers and the International Electrotechnical Commission. Dr. Hebner has an international reputation as a pioneer in the application of electro-optical techniques to electrical measurements. An example is his development of capabilities for determining electric fields in insulating systems, leading to new ability to monitor the integrity of power system components.

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**Harry S. Hertz**

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*Director, Center for Analytical Chemistry  
National Measurement Laboratory  
National Bureau of Standards*

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**D**r. Hertz is recognized for exceptional leadership as Director, Center for Analytical Chemistry (CAC), for improving services to industry and government, and for national leadership in voluntary standards development. As Director, CAC, he expanded services to industry, initiating new collaborations and expanding technology transfer. New services to other agencies support quality assurance in NOAA, NIH, EPA, USDA, and DOD. Indicative of his stature in voluntary standards development is his being named President, National Committee for Clinical Laboratory Standards, the leading U.S. clinical standards organization. In recognition of his outstanding accomplishments, Dr. Hertz received a prestigious Flemming Award (1985) honoring him as one of the 10 most outstanding young leaders in the U.S. Government.

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**Brian R. Lawn**

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*Physicist  
Institute for Materials Science and  
Engineering  
National Bureau of Standards*

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**D**r. Lawn invented the field of indentation fracture mechanics, providing a valuable tool for gaining insight into the fracture behavior of brittle materials. Techniques based on his work have been widely accepted by the ceramics community as a means of characterizing the fracture resistance of ceramic materials such as are used in electronic substrates, ceramic chip capacitors, and heat engines. Dr. Lawn has used these fracture mechanics techniques at a basic level to explain physical and chemical processes that occur at crack tips in brittle materials, and by so doing, has contributed to the development of novel methods for assuring the reliability of ceramics in structural applications.

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**Edgar V. Leyendecker**

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*Supervisory Research Structural Engineer  
National Engineering Laboratory  
National Bureau of Standards*

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**D**r. Leyendecker is recognized for his development of comprehensive design guidelines to make new buildings more earthquake resistant. The new guidelines resulted from a 10-year project of the private Building Seismic Safety Council with Dr. Leyendecker's technical support and funding from the Federal Emergency Management Agency. FEMA recently distributed the guidelines to state and local governments to develop model building codes tailored to the special seismic risks of their geographic areas. Dr. Leyendecker also serves as expert consultant on the Mexico City earthquake and appeared before Congress to testify on the need to improve building codes and practices both in Mexico and earthquake-prone areas in the United States.

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**Harry I. McHenry**

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*Supervisory Metallurgist  
Institute for Materials Science and  
Engineering  
National Bureau of Standards*

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**D**r. McHenry is recognized for his contributions to research on fracture mechanics and welding. He led the development of a J-integral design model, used to improve the mechanical integrity of large structures, and to establish the applicability of elastic-plastic fracture mechanics. He recently led an NBS-wide study to assess the cause of pressure-vessel failure resulting in a major oil refinery disaster. Reports of his observations regarding Japanese steel research and development are now widely distributed in the U.S. He has strongly contributed to thick section welding for low temperature structures; flaw size criteria for pipeline girth welds; and high-strength, low alloy steel metallurgical and welding research for marine structures.

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**Alexander Wlodawer**

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*Physicist  
National Measurement Laboratory  
National Bureau of Standards*

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**D**r. Wlodawer is recognized for his significant contributions to the science of biomolecular structure determination. He has assembled an outstanding multidisciplinary team of collaborators pursuing the NBS objective of fostering new technologies and maintaining U.S. pre-eminence in biotechnology. Dr. Wlodawer has pioneered in the development of measurement techniques for the determination of complex biomolecular structures using x-ray and neutron diffraction. These techniques are pivotal in locating chemically active hydrogen atoms in biomolecules, producing data which are essential to protein engineers who use the relationships between protein structure and function to design improved drugs, clinical diagnostic reagents, and other specialty chemicals. Dr. Wlodawer has also developed techniques to increase the efficiency of structure determinations.

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**Helen M. Wood**

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*Supervisory Computer Scientist  
Institute for Computer Sciences and  
Technology  
National Bureau of Standards*

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**M**s. Wood is recognized for her leadership, managerial achievement, and outstanding professional contributions as Chief of the Information Systems Engineering Division. She has led a major restructuring and revitalization of major technical programs in the areas of computer database management, data administration, and computer graphics. The results of these expanded technical programs are leading to major improvements in the management of information resources in the Federal Government as well as the private sector.

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**Michael D. Abell  
John Ross MacKay  
Douglas S. Robertson**

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*Geodesists*

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**William E. Carter**

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*Supervisory Geodesist  
National Ocean Service  
National Oceanic and Atmospheric  
Administration*

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**M**essrs. Abell, Carter, MacKay, and Robertson are recognized for their exceptional contributions to the application of Very Long Baseline Interferometry (VLBI) to geodesy, through project POLARIS. The POLARIS system currently produces the most accurate and highest resolution measurements of the variations in the orientation of the Earth's axis of rotation in space (precession and nutation), the wobble of the mantle and crust of the Earth about its axis of rotation (polar motion), variations in the rotation of the Earth (universal time and length-of-day), and changes of centimeters per year in the distance between points on the surface of the Earth caused by crustal deformation and plate motion. These measurements of the orientation, shape, and topography of the Earth are in turn being used to refine and discriminate among Earth-models and geophysical theories, to advance our knowledge of the physics of the Earth.

**Stephen M. Billcheck**  
**Leo R. Harrison, Jr.**  
**Robert M. Tibi**

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*Hydrologists*

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**David A. Keller**  
**Kenneth S. Mack**  
**Elnora G. Markle**

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*Hydrologic Technicians*

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**Paul M. Gilkerson**  
**Alfred L. Purdy, Jr.**

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*Meteorological Technicians*

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**Marvin O. Hill**

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*Officer in Charge*

*National Weather Service*  
*National Oceanic and Atmospheric*  
*Administration*

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Messrs. Billcheck, Gilkerson, Harrison, Hill, Keller, Mack, Purdy, and Tibi, and Ms. Markle provided timely warnings of the devastating flood of November 4-6, 1985 in Virginia, Maryland, and West Virginia. It reached 100-year and 500-year levels, washing away whole towns, roads, and bridges. The flood damaged 9,000 homes in West Virginia, over 4,000 of which were completely destroyed. Damages exceeded \$1 billion. In an area having a population near 5 million, only 58 lives were lost. Prompt, positive action by this group provided enough time to evacuate 10,000 people from danger areas. Tens of millions of dollars of damage was prevented. Historic artifacts were saved. Because this group was prepared for the complex problems of having thousands of miles of streams and rivers become life-threatening at the same time, a far greater disaster was prevented.

**Michael D. Cox**

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

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Mr. Cox is recognized for his contributions to oceanographic research, both scientific and technical, which have had major impact, with three of his research papers receiving the ERL Distinguished Authorship Award. Recently Mr. Cox developed an eddy-resolving ocean model which includes an active thermohaline circulation. The experimental results using his model were spectacularly successful and have inspired a very ambitious cooperative modeling effort as part of the planned World Ocean Circulation Experiment. Ocean modeling at the Geophysical Fluid Dynamics Laboratory, in which Cox has played a key role, has been described as "one of the triumphs in oceanography in the past decade" (John Woods: *Nature*; April, 1985).

**Richard M. Davis**

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*Supervisory Physical Scientist*

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**William Propest**

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*Supervisory Computer Systems*  
*Programmer*

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**David E. McGuirk**  
**Robert O. Brines, Jr.**

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*Meteorologists*

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**Roger W. Bissinger**

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

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Messrs. Bissinger, Brines, Davis, McGuirk, and Propest of the US CLICOM Task Team are recognized for their exceptional contributions to the United Nations World Meteorological Organization, World Climate Data Programme, and to the fostering of the use of climate information for the good of all mankind. The team designed a microcomputer-based climate data management system

that will become the standard for data processing in most developing nations. Affordable, reliable, flexible, and easy to use, the CLICOM system provides standards of quality control and formats which will promote the exchange and use of climate information in addressing the needs of individual countries.

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**Robert C. Elvander**

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*Meteorologist*

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**Robert E. Saffle**

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*Computer Specialist  
National Weather Service  
National Oceanic and Atmospheric  
Administration*

Messrs. Elvander and Saffle are jointly recognized for their vital contributions to the radar program of the National Weather Service. These contributions have directly led to much improved tornado and severe storm warnings. Mr. Saffle had the leadership role in developing and implementing the system of software for both the developmental and operational digital radar and display systems. Mr. Elvander developed and implemented algorithms for estimating the severe weather potential of a storm observed by radar. He also made significant contributions in planning for the next generation weather radar system. Working as a team, Messrs. Saffle and Elvander, through their visionary, innovative, and persistent efforts, have contributed significantly to both the developmental and operational aspects of radar meteorology.

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**Russell Koffler**

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*Director, Office of Satellite Data  
Processing and Distribution  
National Environmental Satellite,  
Data, and Information Service  
National Oceanic and Atmospheric  
Administration*

Mr. Koffler is recognized for exceptional management in the successful transition of Landsat from a research to an operational program and for restructuring the meteorological satellite data processing to expand the use of satellite

data. Mr. Koffler has made many contributions to efficient and effective operations and to greater use and wider commercial application of satellite data.

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**Francis D. Moran**

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*Director, Office of Aircraft Operations  
National Oceanic and Atmospheric  
Administration*

Rear Admiral Moran is recognized for his exceptional contributions and dynamic leadership that brought together NOAA's Office of Aircraft Operations (OAO) from five semi-autonomous units into a vital, cohesive organization. Since being named the first director of OAO on August 4, 1983, he has relentlessly and successfully welded OAO into a cost-effective, administratively streamlined mission-responsive operation. OAO has emerged as a facility capable of providing efficient, dependable aircraft support to NOAA, other Government agencies, and the university scientific community. These accomplishments reflect great credit on Admiral Moran, NOAA, and the Department of Commerce.

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**Arthur C. O'Shaughnessy**

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*Cooperative Program Manager  
National Weather Service  
National Oceanic and Atmospheric  
Administration*

Mr. O'Shaughnessy is recognized for displaying unusual courage and competence during an emergency. While traveling on official business, Mr. O'Shaughnessy witnessed a crime in which a motor vehicle driver was shot in the back of the head. Without regard for his personal safety, Mr. O'Shaughnessy stopped to help the victim. According to local law enforcement officials, Mr. O'Shaughnessy's actions were responsible for saving the victim's life and for the apprehension of the criminals. Mr. O'Shaughnessy also calmed and comforted the victim's fiancée who was a passenger in the vehicle.

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**Robert J. Matheson**

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*Supervisory Electronics Engineer  
National Telecommunications and  
Information Administration*

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**M**r. Matheson is recognized for his continuing technical contributions towards, and management of, a unique spectrum measurement/monitoring system which is critical to performing the Department's mandated spectrum management functions. After recognizing that the existing measurement capability was in need of improvements, Mr. Matheson conceived, designed, and justified a plan to upgrade the system. The upgraded system, which is now substantially completed, incorporated special design features which make its measurements more accurate and less costly to obtain. Results from this upgrade will provide spectrum planners with a more realistic understanding of the electromagnetic environment and the extent to which future users can have access to the spectrum resource.

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**Robert J. Mayher**

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*Director, Office of Spectrum Plans and  
Policies  
National Telecommunications and  
Information Administration*

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**M**r. Mayher is recognized for the development of new and comprehensive administrative and technical procedures for national and international management of the radio spectrum. This was achieved by organizing and developing an international handbook on "Spectrum Management and Computer-Aided Techniques," evaluating spectrum management practices and procedures, and recommending improvements to the world's frequency spectrum. Mr. Mayher also developed and presented a series of lectures on spectrum management and computer automation techniques and has published numerous reports on spectrum management. These tasks have led to a more efficient use of the radio frequency spectrum and improved the United States' relationships with various foreign countries.

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**Kenneth G. Robinson, Jr.**

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*Policy Advisor to the Assistant  
Secretary for Communications and  
Information  
National Telecommunications and  
Information Administration*

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**M**r. Robinson is recognized for his outstanding contributions in research, analysis, development, and presentation of domestic and international telecommunications policies. As principal author and policy advocate, he is responsible for the preparation of virtually all congressional statements, reports, articles, speeches, Federal Communications Commission legal briefs, and other publications presented by the Department in the area of telecommunications policy. As a researcher, manager of analysts and writers, author and editor, he has been unmatched in ensuring the success of the agency's programs and the pro-competitive and deregulatory policy goals of the Administration in the field of telecommunications. His superb skills in correlating agency initiatives with actions taken by others have played a critical role in securing successful policy-making for the agency and the Administration.

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**Joseph E. Clark**

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*Deputy Director  
National Technical Information Service*

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**D**r. Clark is recognized for his exceptional accomplishments in improving the operation of the National Technical Information Service. Through his persistence in seeking positive change, his willingness to listen, his unwillingness to accept "business as usual," and his openness to new ideas, Dr. Clark has clearly made a profound and positive difference in how NTIS operates. In doing so, he has significantly enhanced NTIS' ability to serve the technology transfer needs of Commerce, the Federal Government and technical information users throughout the public and private sectors.

## **William R. Suhre**

*Regional Inspector General for Auditing  
Denver Regional Office  
Office of Inspector General*

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Mr. Suhre is recognized for his exemplary leadership of the Denver Regional Audit Office. His outstanding management skills and auditing expertise have produced substantial dollar savings and numerous contributions to the better management of the Department. The staff development, morale, and enthusiasm of the Denver Regional Audit Office consistently manifest themselves in the "can-do" attitude which is the direct result of Mr. Suhre's personal dedication and strong leadership.

## **Office of Computer Services**

*Assistant Secretary for Administration*

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The employees of the Office of Computer Services are recognized for providing outstanding computer services at reduced costs to the Department since its establishment in 1982. Major improvements in the management of resources and in the delivery of services have been achieved by their exceptional skills and abilities in the acquisition of equipment, the upgrading and expansion of the facility, and the on-going effective operation of the center. This office has economically met the computer needs of many Commerce programs including regional administrative support centers, export license processing program, and scientific, technical, and engineering clearinghouse information.

## **Program Evaluation and Systems Division**

**Administrative Systems Division  
Management Service Center**

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*Assistant Secretary for Administration*

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The employees of the Program Evaluation and Systems Division, the Administrative Systems Division, and the Management Service Center are recognized for advancing the quality of administrative support through their mutual contributions in replacing the Department's duplicative array of two payroll

and four personnel processing systems. In a massive cross-servicing agreement, the Department's old systems are being replaced by a single integrated payroll and personnel data processing system operated by the Department of Agriculture. These three organizations have been responsible for planning and implementing the conversion on behalf of the Department. Their dedication, cooperation, and commitment to the project have led to its success. Through their efforts, the Department has demonstrated that ambitious cross-servicing, a major component of the President's Reform '88 Program, can produce superb services at a reasonable cost.

## **Robert M. Anderson**

*Trademark Administrator  
U.S. Patent and Trademark Office*

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Mr. Anderson is recognized for his invaluable contributions to the achievement of Secretarial and Patent and Trademark Office goals. On his own initiative he has involved himself in all projects which have come into the Office of the Assistant Commissioner for Trademarks, and has thereby played a significant role in the policy direction of the Patent and Trademark Office.

## **Nicholas P. Godici**

*Supervisory Patent Examiner  
U.S. Patent and Trademark Office*

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Mr. Godici has demonstrated exceptional supervisory ability and unusual skill and leadership throughout his entire career at the U.S. Patent and Trademark Office. He contributed tremendously to the reduction in pendency of patent applications by achieving extremely high productivity of very high quality patents. He contributed in a very significant way to quality through his instruction and lectures at the Patent and Trademark Office Academy.

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**Bobby R. Gray**

*Director, Patent Examining Group 330  
U.S. Patent and Trademark Office*

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**M**r. Gray is recognized for his extraordinary technical and administrative leadership in his service as a Patent Examining Corps Group Director. Demonstrating his effectiveness as an executive, he has made significant contributions to the achievement of a major Departmental goal, reducing application pendency. Mr. Gray's skill in motivating and directing his subordinates has consistently increased the productivity of the groups he manages, well beyond established goals. At the same time, Mr. Gray has consistently demonstrated managerial excellence in conducting special assignments which include serving as a principal management negotiator on various issues between the Patent and Trademark Office and the patent examiner's union. Mr. Gray's exceptional abilities and commitment to the Department's mission are demonstrated throughout his work.

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**William S. Lawson**

*Administrator for Documentation  
U.S. Patent and Trademark Office*

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**M**r. Lawson is recognized for his outstanding contributions to the U.S. Patent Classification System and to the national and international dissemination of new technology. Through his vision and leadership, the U.S. Patent System has been modernized and enhanced by the development and implementation of creative new search tools and services. His consummate knowledge and innovative skills in managing information resources have led to the greatly improved access and spread of state-of-the-art technology both within the U.S. and internationally through the Patent Depository Library Program, the Technology Assessment and Forecast Program, and through his participation in the information dissemination activities of the World Intellectual Property Organization. Mr. Lawson is truly a "man for all seasons" in his knowledge and interests and in his ability to marshal these attributes for the betterment of the U.S. and world-wide patent system.

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**Melvyn I. Marquis**

*Primary Examiner  
U.S. Patent and Trademark Office*

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**M**r. Marquis has performed his official duties in an extra-ordinary manner since 1978. He was rated outstanding each year. His productivity during this period ranged from 136% of expectancy in Fiscal Year 1978 to 174% in 1985. This outstanding record has been achieved notwithstanding the fact he was given many of the most difficult cases in the Art Unit. His skill and abilities in the performance of his duties have significantly contributed to the Patent & Trademark Office goal to reduce pendency and has had a significant impact on the science and technology of the Nation.

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**William J. Maykrantz**

*Supervisory Computer Specialist  
U.S. Patent and Trademark Office*

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**M**r. Maykrantz is recognized for his superior performance and leadership in the implementation of a highly successful automated trademark system. The new system, designated as "T-Search," is a comprehensive advanced technology system which required from Mr. Maykrantz an extraordinary amount of organizational and administrative skill to coordinate the planning, development, and implementation of trademark automation initiatives. His dedication and contributions have led to successful accomplishment of the mission and goals established by the Patent and Trademark Office, and has also brought recognition to the Department.

**Frances Michalkewicz**

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*Program Analyst  
U.S. Patent and Trademark Office*

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**M**s. Michalkewicz is recognized for her superior performance and outstanding contributions to the Patent and Trademark Office's financial management and administrative programs. She has demonstrated extraordinary acumen and personal dedication to the successful implementation of controversial and significant programs that have contributed to the advancement of the PTO's major program goals and objectives, improved the delivery of services to the public, and enhanced the image and reputation of the Patent and Trademark Office.

**Betty J. Rasmussen**

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*Secretary  
U.S. Patent and Trademark Office*

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**M**s. Rasmussen has made a very valuable contribution to the Department and to the administration of the U.S. Patent and Trademark Office operations and programs through her outstanding skills and abilities demonstrated as a secretary in a number of Groups. She has contributed significantly to a more efficient operation by developing a handbook for new and acting secretaries and by willingly and unselfishly sharing her expertise in a variety of ways.

**Henry G. Riegner**

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*Managing Director, Marketing and Field  
Operations  
U.S. Travel and Tourism Administration*

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**M**r. Riegner is recognized for his distinguished service to this nation's efforts in implementing the goals and objectives of the National Tourism Policy Act. His outstanding performance in increasing the international services trade in tourism exemplifies his work to accomplish the Department's goal to increase America's competitiveness in the world economy. Of particular significance are his achievements in conceiving, designing, and implementing major marketing initiatives and strategies to increase the U.S. share of the international travel market.

## 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.





**Daniel H. Garnick**

*Associate Director for Regional  
Economics  
Bureau of Economic Analysis*

Mr. Garnick is recognized for his major contributions to the Department and Nation through his development of the Bureau's regional economics program. He developed a broad-based capability in the Bureau for regional analysis and forecasting, and he extended the existing measurement system that provides estimates of personal income for each of the 3000 counties in the Nation. Because of his efforts, the Bureau's regional program today provides information—historical and forward looking—that is a key input into many types of decisions by business firms and at all levels of government. Mr. Garnick's research, based on this information, provided timely and useful insights into the relative decline of the Northern industrial centers and the differences in economic and population trends in metropolitan and nonmetropolitan areas, placing the Bureau in the forefront of efforts to understand major changes affecting the Nation.



**Nampeo R. McKenney**

*Supervisory Statistician  
Bureau of the Census*

Ms. McKenney is recognized for her sustained leadership in developing the racial and ethnic statistics for national policy planning and evaluation. In addition, she has made exceptional contributions in helping the Census Bureau fulfill its commitment to expand the 1980 census statistical program relating to racial and ethnic groups. Through her leadership, the 1980 census produced a greatly expanded body of data on a large number of racial and ethnic groups, made significant improvements in enumeration of American Indians, and introduced a new supplemental program to provide special data on the American Indian reservation population. Ms. McKenney's contributions have been especially important in developing close working relations with other agencies of the Federal government, members of the Census Advisory Committees, and private organizations focusing on racial or ethnic concerns.



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**Richard Beaird**

*Program Manager, Strategic Planning  
National Telecommunications and  
Information Administration*

**George Mu**

*Deputy Director, Office of Japan*

**Maureen R. Smith**

*Director, Office of Japan  
International Trade Administration*

**Herbert Cochran**

*Commercial Attache, U.S. Embassy,  
Tokyo*

**Masaru Kawajiri**

*Commercial Specialist, U.S. Embassy,  
Tokyo  
U.S. and Foreign Commercial Service  
International Trade Administration*

The telecommunications MOSS negotiations between the United States and Japan were tedious, taxing, technically difficult, and an unprecedented success for the United States. Much of the success of these negotiations can be attributed to the exemplary efforts of the American team who worked on them. From working all night translating drafts of proposed Japanese regulations so American experts could carry on point-by-point negotiations, to signaling senior Liberal Democratic Party members when impasses were reached, the U.S. effort was a model of strategic and tactical negotiations. Working with people in government and U.S. business to make these negotiations successful, these officers consistently displayed an outstanding level of dedication, imagination, and determination.

**Robert L. Eckelmann**

*Commodity Industry Specialist  
International Trade Administration*

Mr. Eckelmann has made a lasting contribution to U.S. trade policy in the high-technology field. Through unusual initiative, he secured a U.S. Government first—self-initiation of an antidumping case. This has served to arrest illegal foreign pricing practices and to strengthen U.S. efforts to open overseas markets to American exports. As the first action of the President's Strike Force, this unprecedented step represented a fundamental change in the U.S. approach to high-technology trade, introducing a new aggressive element that dealt decisively and effectively with unfair foreign practices. It symbolizes the Administration's dedication to an equitable trading environment and culminates a series of accomplishments by Mr. Eckelmann which have greatly improved American opportunities for open international competition in the high-technology sector.



**John A. Richards**

*Director, Office of Industrial Resource  
Administration  
International Trade Administration*

Mr. Richards made major substantive contributions to the development of international trade and security policy pertaining to the U.S. and allied defense industrial bases. He provided the analytic basis for the Secretary of Commerce's findings and recommendations to the President in the investigation of the impact of machine tool imports on the national security. This resulted in a major Presidential initiative to improve the domestic machine tool industry's production capabilities. Mr. Richards also developed a major international consensus for NATO to examine its ammunition production capabilities and identify cost-effective means to improve surge and mobilization potential. The NATO Secretary General adopted the findings of this study as a major component of the alliance's Conventional Defense Initiative.



**James S. Albus**

*Chief, Robot Systems Division  
National Engineering Laboratory  
National Bureau of Standards*

Dr. Albus is recognized for the conception, development, and application of the Hierarchical Control System (software for robots), an intellectually brilliant accomplishment bringing him worldwide recognition. Dr. Albus' system, which makes possible enhanced performance of robots and points the way to the use of robots not only in automated manufacturing but also in such hazardous environments as space, rescue, and the battlefield, led to the development of the National Bureau of Standards' Automated Manufacturing Research Facility, the prototype of the automated factory of the future. In recognition of his work, the King of Sweden in 1984 personally awarded him the Robotic Industrial Association's Joseph Engelberger Award for his outstanding contributions to the development of industrial robots, robotic hardware, robotic controls, and robot software. Dr. Albus' approach has been adopted worldwide as the basis for developing advanced sensory interactive robot control systems. One form of his system was recently adopted by a branch of the General Electric Company to control a new automated factory.



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### **Andre Deprit**

*Senior NBS Fellow  
National Engineering Laboratory  
National Bureau of Standards*

**D**r. Deprit is recognized for his outstanding scientific accomplishments and his international leadership in the development and application of computer-based symbolic mathematical analysis techniques. His work has culminated with the most definitive and far-reaching analysis to date of the motion of an artificial satellite in earth orbit. His results have improved the understanding of the stability and long term behavior of such orbits, which are of major importance to satellite applications involving navigation, data collection, and earth resource analysis. These results are being used by such agencies as NASA, NOAA, and the Department of Defense in the design of critically important satellite missions which require precise satellite positioning at all times. Dr. Deprit's superb analysis provided the technical basis for extending the useful life of satellites through the use of accurate positioning which minimizes the long-term disturbances caused by gravitational anomalies.

### **Charles C. Han**

*Supervisory Research Chemist  
Institute for Materials Science and  
Engineering  
National Bureau of Standards*

**D**r. Han has made major contributions to the field of polymer science and engineering through his innovative use of small angle neutron scattering to answer especially difficult scientific questions. He devised and carried out experiments to measure the conformations of the component parts of block copolymers and determined that their sizes and shapes differed from those of the homopolymers. In a series of particularly demanding experiments, he has measured the kinetics of phase separation of two immiscible polymers at temperatures very close to the miscibility region. His data on this spinodal decomposition process have demonstrated for the first time the successes and deficiencies of current theoretical descriptions of phase separation in polymers and have pointed the way to further improvements. Dr. Han is internationally recognized for these studies and for his work on the application of scaling theories to polymer solutions, measurement of polymer dynamics by light scattering, and SANS experiments on the molecular response of rubber to deformation.



**Robert J. Hocken**

*Chief, Precision Engineering Division  
National Engineering Laboratory  
National Bureau of Standards*

Dr. Hocken is recognized for his exceptional contributions to the field of Precision Manufacturing. As the United States fights to recover its market share of manufactured and high technology goods, no single attribute of those goods is more vital to their competitiveness than their quality. Dr. Hocken has been in the forefront of efforts to give the U.S. the tools that have the precision necessary to maintain and improve that quality. His work on machine tool accuracy, on the technology of mechanical inspection, and on the characterization of both inspection and production equipment has led not only to worldwide recognition but to positioning the U.S. industry in the vanguard of Precision Engineering. He is contributing to (1) the survival of the metal working industry through his development of a unique competence in machine tool dynamics; (2) the increase in U.S. industrial productivity by providing new measurement methods and solutions to interface problems; and (3) the successful measurement of unusual engineering structures through the use of high precision, computer-controlled techniques applied to the procedure known as triangulation.



**Dale E. Newbury**

*Supervisory Metallurgist  
National Measurement Laboratory  
National Bureau of Standards*

Dr. Newbury's outstanding scientific accomplishments and leadership have established NBS as the leading international laboratory in quantitative chemical microanalysis and chemical compositional mapping, supporting U.S. development in science and technology and measurements critical to national defense. Dr. Newbury's stature in the scientific community is witnessed by his 100 publications and his leadership positions in scientific societies such as past president of the Microbeam Analysis Society. Under Dr. Newbury's leadership, quantitative compositional mapping procedures have been developed using electron, ion, and laser microprobes coupled with advanced digital image processing hardware and software. These procedures allow the chemical structure of complex materials such as composite materials or powder ceramics to be probed on a microscopic scale and to be combined into chemical maps to give a comprehensive composite image of the material of interest. This technique has become a major determinant in understanding material properties and dynamic processes such as failure, corrosion, or electromagnetic properties.



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### **Cedric J. Powell**

*Chief, Surface Science Division  
National Measurement Laboratory  
National Bureau of Standards*

**D**r. Powell is recognized for his leadership in international and national efforts to establish accurate surface characterization techniques and standards, in support of U.S. science and technology. He is also recognized for his highly significant contributions to the physics and applications of surface spectroscopies. As Chief of the Surface Science Division, he has created a unit of the highest technical productivity, scientific achievement, and world-class stature. Dr. Powell recently was recognized as the author of the most frequently cited publication in the twenty-year history of *Surface Science*, a leading journal in his field. Dr. Powell has been instrumental in the development of standard reference materials and data for the many industries which now rely on surface characterization measurements, including the electronics, coating, computer technology, and catalytic product industries. He has led in the formation of significant national and international standards committees, representing DOC and NBS in a most distinguished manner. Through his leadership and personal research, Dr. Powell has advanced the application of surface science, supporting U.S. technological progress.

### **Robert S. Roth**

*Research Chemist  
Institute for Materials Science and  
Engineering  
National Bureau of Standards*

**D**r. Roth is recognized for his outstanding contributions, through meritorious authorship, to the field of ceramic phase equilibria. He has published over 130 archival papers, many of which demonstrate structure-property relationships in industrially important ceramic systems. In addition, his editorship of the internationally renowned continuing series of reference books, "Phase Diagrams for Ceramics," has provided U.S. industry with needed standard reference data not available from other sources. Dr. Roth's experimental data, and those of others evaluated by him for inclusion in the book series, are widely used in the design of new ceramic materials and in the prediction of their chemical and thermal durability. Largely through his research efforts and personal international stature, NBS has established a reputation as the center for data on ceramic and inorganic phase equilibria.



**Mabel V. Vickers**

*Computer Specialist  
Institute for Computer Sciences and  
Technology  
National Bureau of Standards*

**M**s. Vickers is recognized for major technical contributions and outstanding leadership in advancing Federal, national, and international standardization of the COBOL computer programming language, the predominant language for business applications worldwide. She has been a leader in the revision of the COBOL Standard, developing new technical specifications to reduce costs associated with program conversion and programmer training. Potential net cost savings to the Federal Government alone are estimated at over \$70 million. She heads the international standards working group which is responsible for negotiations between nations to assure consistency of the international standard with the U.S. national standards. This is a major factor in maintaining the international competitiveness of the U.S. software industry.



**Douglas P. Anderson**

*Electronics Technician*

**Mark H. Bushnell**

*Oceanographer*

**Robert J. Roddy**

*Mechanical Engineer  
National Oceanic and Atmospheric  
Administration*

**M**essrs. Anderson, Bushnell, and Roddy risked their lives to prevent a shipmate and colleague from drowning. This act of heroism occurred in the presence of a rip current created by treacherous surf. As a result of their quick thinking and knowledge of life-saving techniques, they not only saved the individual, but minimized the potential for complications, such as pneumonia.



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### **Jerry D. Mahlman**

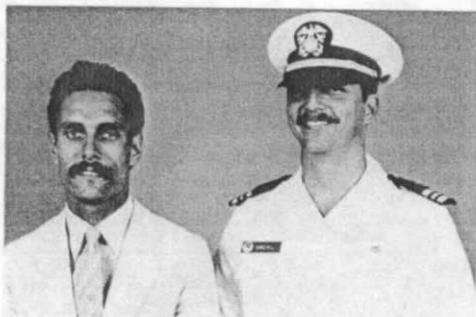
*Supervisory Meteorologist  
Office of Oceanic and Atmospheric  
Research  
National Oceanic and Atmospheric  
Administration*

**D**r. Mahlman's pioneering research is documented in extensive publications on numerical modeling of the dynamics and chemistry of the middle atmosphere. Dr. Mahlman is the chief architect of a three-dimensional chemical transport model and a very high resolution troposphere-stratosphere-mesosphere model. Numerous experiments using these models have provided several scientific breakthroughs, and have significantly improved understanding of the fundamental processes associated with maintaining the atmospheric distributions of ozone and radiatively important trace species. Dr. Mahlman's research is particularly significant because it contributes to enlightened assessment of critical environmental problems and of possible alterations to the earth's greenhouse effect. Dr. Mahlman has also played exceptionally active roles in planning and developing major research activities. His pioneering research together with his effective leadership and his exceptional ability for articulating important climatic issues mark him as a valued resource for maintaining the Department's world leadership position in atmospheric research.

### **Charles J. Neumann**

*Research Meteorologist  
National Weather Service  
National Oceanic and Atmospheric  
Administration*

**M**r. Neumann is recognized for his exceptional contribution to operational tropical cyclone prediction capabilities for the United States and several other countries through his work in statistical and statistical/dynamical prediction models. Mr. Neumann's contributions have moved the art of statistical/dynamical tropical cyclone track predictions significantly forward for most tropical regions of the world. His newest model (NHC83) opens the way for as much as 20 percent improvements in forecasts for the 24 hour through 72 hour periods. Such achievements imply a major beneficial effect for the protection of lives and property. However, even before this model development, his work has had considerable impact on operational forecasts and has resulted in economic benefits not only for this Nation, but for several other nations where he has provided training and lectures for their scientists.



### **Dean L. Smehil**

*Executive Officer*

### **Daniel J. Parry**

*3rd Assistant Engineer,  
NOAA Ship Albatross IV  
National Ocean Service  
National Oceanic and Atmospheric  
Administration*

Lt. Smehil and Mr. Parry are cited for saving the life of a shipyard worker who was working on the NOAA Ship Albatross IV's Marine Sanitation Device compartment. On Monday, May 12, 1986, the worker accidentally set off the fixed CO<sup>2</sup> fire fighting system. There is no alarm or time delay so CO<sup>2</sup> releases immediately to extinguish fires. Several workers escaped, but one man, Mr. Kelly Prince, passed out and was still in the void. The Executive Officer, Lt. Smehil, and 3rd Engineer Parry put on Scott air packs and crawled into the very tight compartment. In moments, Smehil and Parry dragged the unconscious worker from the tank to safety. Taking quick action without regard for their own lives they assisted in saving Mr. Prince.

### **Alan P. Balutis**

*Director, Office of Management and  
Organization  
Assistant Secretary for Administration*

Mr. Balutis has made significant contributions to the management of the Department and the Federal Government through his innovative ideas and exceptional managerial ability. On behalf of the President's Council on Management Improvement, he planned and directed two administrative services studies, one a project which developed staffing and performance standards for common administrative services. The President said in his Management Report that "these standards have been needed for years." He was the Department's project manager of the successful conversion to the Department of Agriculture personnel and payroll system. He was responsible for directing and implementing the President's Productivity Program for the Department, which included reducing duplicate staffing and layering, developing uniform policy guidance, eliminating conflicting directives and forms, and establishing administrative management plans for the entire Department. His accomplishments have been recognized by the Office of Management and Budget, the President's Council on Management Improvement, and by various management officials throughout the Federal Government.



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**John M. Golden**

*Director for Personnel and Civil Rights*

**Jimmie D. Brown**

*Director for Management and  
Information Systems  
Assistant Secretary for Administration*

Messrs. Golden and Brown are recognized for their outstanding leadership and direction in converting the Department to the payroll and personnel processing system operated by the Department of Agriculture. Through the conversion project, the Department of Commerce is replacing a duplicative array of two payroll and four personnel systems by arranging with a single source, the Department of Agriculture, for all payroll and personnel data processing support. As the primary managers for the project, Mr. Golden and Mr. Brown have demonstrated exceptional creativity and perseverance throughout the project. By proposing, and then pursuing, a daring solution to complex payroll and personnel processing problems, these two managers have achieved administrative improvements of the highest order. At the forefront of the President's Reform '88 Program, the Department's conversion project is being followed closely by agencies throughout the Government.

**Carole A. Shores**

*Patent Information Dissemination Officer  
U.S. Patent and Trademark Office*

Ms. Shores is recognized for her exceptional contributions to the U.S. Patent System by substantially increasing the scope and effectiveness of patent information dissemination in the United States. Through her vision and dedication, and with few resources at her disposal, Ms. Shores achieved a three-fold increase in the number of patent collections maintained by libraries for public use throughout the Nation. She instituted regional and national programs to provide trained personnel to assist patent collection users and to increase the awareness of the value of patent information to local economic development. Through her efforts, thousands of citizens can, in their own localities, make daily use of a national information resource which would otherwise be available only in the Nation's capital.

# SECRETARY OF COMMERCE SPECIAL MEDAL

## **National Finance Center**

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*U.S. Department of Agriculture*

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In a special case of outstanding service on behalf of the Department, the U.S. Department of Agriculture's National Finance Center has demonstrated unusual dedication, service-orientation, and commitment in the Department's project to convert to the payroll and personnel processing system which the National Finance Center operates. By fulfilling its pledge to provide high-quality host agency support and service, the National Finance Center has enabled the Department to achieve administrative improvements of the highest order. In recognition of this contribution, the National Finance Center is awarded the Secretary of Commerce Special Medal.

## EXTERNAL AWARD RECIPIENTS

### Arthur S. Flemming Awards

#### **Dr. Harry S. Hertz**

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*Director, Center for Analytical  
Chemistry  
National Bureau of Standards*

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**D**r. Hertz was selected by the Downtown Jaycees for his exceptional technical accomplishments and outstanding science administration.



#### **Dr. Stephen R. Leone**

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*NBS Fellow  
Quantum Physics Division  
National Bureau of Standards*

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**D**r. Leone received a Flemming award for his landmark research in chemical dynamics and for his other outstanding scientific contributions.



### Awards for Distinction in Cash Management

#### **Sonya G. Stewart**

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*Director, Office of Finance and  
Federal Assistance  
Assistant Secretary for Administration*

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**M**s. Stewart was honored for her outstanding contributions in the area of cash management.



## Awards for Distinction in Cash Management

### **Patricia H. Ryan**

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*(Formerly) Chief, Financial Management  
Division  
Office of Finance and Federal  
Assistance  
Assistant Secretary for Administration*

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**M**s. Ryan was selected by the Department of Treasury for her outstanding leadership and initiative in planning and directing a coordinated cash management program and related activities Departmentwide.

### **William A. Prentice**

*Bureau of the Census*

### **Dennis Polivka (retired)**

*Economic Development Administration*

### **Paul Voorhees**

*International Trade Administration*

### **John McGuffin**

*National Bureau of Standards*

### **Douglas Day**

*National Oceanic and Atmospheric  
Administration*

### **William Webber**

*National Technical Information  
Service*

### **Johanna O'Connor**

*Office of the Secretary*

### **Leonard Nahme**

*Patent and Trademark Office*

**T**he Department's Finance Officers were recognized for their outstanding performance and initiative in implementing and improving the Department's cash management program, resulting in a significantly strengthened program.

## Federal Energy Efficiency Awards

### **Robert L. Rodger**

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*Chief, Plant Division  
National Bureau of Standards*

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Mr. Rodger was selected by the Federal Interagency Energy Policy Committee for his significant energy conservation achievements at the Boulder, Colorado laboratories.



## Mayor's Awards for Handicapped Individuals

### **Mark C. Sakaley**

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*Equal Employment Opportunity Specialist  
Office of Personnel and Civil Rights  
Assistant Secretary for Administration*

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Mr. Sakaley was selected by the Mayor's Committee on Handicapped Individuals for his significant contributions in serving the needs of disabled people, especially in the District of Columbia.



## DEPARTMENT'S INCENTIVE AWARDS BOARD

John M. Golden

Director for Personnel and Civil Rights  
Chairman of the Board

Raymond G. Kammer

Deputy Director  
National Bureau of Standards

Frederick T. Knickerbocker

Executive Director  
Office of the Under Secretary for Economic  
Affairs

J. Michael Farren

Deputy Under Secretary  
for International Trade  
International Trade Administration

J. Curtis Mack

Deputy Administrator  
National Oceanic and Atmospheric  
Administration

Mary Ann Knauss

Deputy Assistant Secretary for  
Intergovernmental Affairs  
Office of the Secretary

Roland H. Moore

Associate Director for Field Operations  
Bureau of the Census

Darlene Shields

Incentive Awards Officer  
Office of Personnel

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

*Special thanks to:*

Incentive Awards Program Officers of the Department:

James Cooper—PTO  
Robert Corbey—NOAA  
LaVerne Hawkins—ITA  
Loretta Cole—FCS  
Golden Mayberry—O/S  
Catherine Williams—CEN  
Joan Schneider—NBS  
Marie Van Wyk—OIG  
and their valuable assistants

U.S. Navy Concert Band  
Joint Armed Forces Color Guard  
Karen Wiggs-Collins  
Publications Service

