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*Forty-Ninth Annual
Honor Awards Program*



1997
United States Department of Commerce

*Forty-Ninth Annual
Honor Awards Program*

**Department of Commerce Auditorium
Herbert C. Hoover Building**
1401 Constitution Avenue, N.W.
December 2, 1997

Music

U.S. Marine Brass Quintet

Introduction

Honorable Robert L. Mallett
Deputy Secretary

Presentation of Colors

Armed Forces Color Guard

National Anthem

U.S. Marine Brass Quintet

Address

Honorable William M. Daley, Secretary of Commerce

Announcement of Awards

Honorable W. Scott Gould
Chief Financial Officer and
Assistant Secretary for Administration

Presentation of Gold and Silver Medals

Secretary Daley assisted by Department Officials

Closing Remarks

Robert L. Mallett
Deputy Secretary



Message From The Secretary

I am pleased to have this opportunity to celebrate the outstanding achievements by men and women in the Department of Commerce. This year's recipients have demonstrated their commitment to excellence through achievements that are of great benefit to the American Economy.

It has been almost one year since I came on board at Commerce, and I remain impressed at the many talented and experienced men and women who are dedicated to enhancing this Nation's economic opportunity. The global market is evolving to meet the demands of the new millennium and the Department is transforming itself accordingly. Commerce employees have risen to this challenge of today's era of smaller government, doing more with less, utilizing experience and ingenuity to maximize the Department's impact on all aspects of the national economy. Employees in all 50 states and throughout the world perform a wide array of duties, in sometime lonely, sometime dangerous circumstances. Their steadfastness in the face of obstacles exemplifies the competitive spirit that has been crucial to this Nation's success.

The award recipients honored today display the Department's high level of success in targeted sectors of the economy. From our waterways to inner cities, from international trade to breakthrough technologies, the recipients have affected the lives of many Americans. In fact, the accomplishments recognized today transcend political and geographical boundaries.

Today's award recipients serve as examples for all of us. I am proud to be here to honor their achievements and to wish them success in the future.

A handwritten signature in black ink that reads "William M. Daley". The signature is fluid and cursive, with a prominent underline at the end.

William M. Daley

*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.*

*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.*

**CHIEF FINANCIAL OFFICER
AND ASSISTANT
SECRETARY FOR
ADMINISTRATION**

Gold Medal

Office of Administration

Sade
Bureau of the Census

Sando
Patent and Trademark Office

Rush
*Chief Financial Officer and Assistant
Secretary for Administration*

The Acquisition ConOps Team is recognized for forming a business process reengineering team to radically redesign Commerce's acquisition process. The reengineering team dissected Commerce's acquisition process and devised a sleeker one designed to save time and money and more quickly deliver products and services to the end user. The pilot teams demonstrated that the procurement acquisition process can be expedited by doing business in this new and innovative fashion. Millions of dollars in time and money will be saved as a result of their efforts. The team worked many long days to tear down the outdated procurement process at Commerce to build a new Concept of Operation based on common sense, incentives, teamwork, and technology.

Silver Medal

Michael A. Keane

Acting Director, Office of Small and Disadvantaged Business Utilization

*Office of Security and
Administrative Services
Chief Financial Officer and Assistant
Secretary for Administration*

Mr. Keane is recognized for introducing innovative initiatives into the contracting process which created and increased contracting and subcontracting opportunities for small and minority firms. One example is the publication of the 1996 Annual Forecast of Contract Opportunities, which has improved the quality of the Department's services to its customers. As a result of his efforts, the Department now ranks among the top three for major procurement agencies.



**BUREAU OF EXPORT
ADMINISTRATION**

Gold Medal

George D. Richardson
Senior Special Agent

*Export Enforcement
Bureau of Export Administration*

Mr. Richardson is recognized for his undercover and investigative work relating to the investigation of four individuals who were arrested and plead guilty to charges of conspiring to export aircraft parts to Iran. The successful investigation and prosecution of the individuals in this case are an outstanding example of the Department's efforts to prevent illegal exports to rogue regimes such as Iran, nations that are proliferators of weapons of mass destruction, as well as state sponsors of terrorism. Agent Richardson's well-deserved reputation and rapport with other law enforcement agencies, as well as his extensive knowledge of the Export Administration regulations, were key factors of his success as the undercover agent in this investigation.



William V. Skidmore
Director, Office of Antiboycott
Compliance

Dexter M. Price
Deputy Director, Office of
Antiboycott Compliance

Eloise Gore
Supervisory Antiboycott Compliance
Specialist

Cathleen A. Ryan
Senior Antiboycott Compliance
Specialist

Export Enforcement

Jeffrey E. M. Joyner
General Attorney

Office of the General Counsel

Bureau of Export Administration

Messrs. Skidmore, Price and Joyner and Meses. Gore and Ryan are recognized for their teamwork in investigating violations of the U.S. antiboycott regulations alleged to have been committed by CACI Inc., two Federal agencies, and three individuals. Through their extraordinary efforts in investigating the alleged violations, amassing a large body of evidence, analyzing complex legal issues, and negotiating with each of the respondents in the six cases, the members of this team have exemplified the Department's commitment to upholding U.S. antiboycott regulations. Their efforts contributed to the Administration's goal of the dismantlement of the Arab boycott of Israel.

ECONOMIC DEVELOPMENT
ADMINISTRATION

Silver Medal

John B. Arnold, III
Economic Development
Representative

*Chicago Regional Office
Economic Development
Administration*

Mr. Arnold is honored as the economic development representative for Illinois and Minnesota following EDA's July 1996 twenty-five percent reduction-in-force. His contributions while serving as the representative for two large and challenging states enabled EDA to maintain its high level of performance in Minnesota and simultaneously to improve services in Illinois despite severe agency-wide cuts in personnel and operating funds.



ECONOMICS AND
STATISTICS
ADMINISTRATION

Gold Medal

Carole A. Ambler
Chief, Services Division

*Bureau of the Census
Economics and Statistics
Administration*

Ms. Ambler is honored for providing leadership and Departmental support to initiate the new North American Industry Classification System (NAICS). NAICS is the official statistical system for classifying U.S. businesses. It replaces the U.S. Standard Industrial Classification (SIC) system, recognizes some 170 new industries and industry groups, provides for regular revisions, and has been adopted by Canada and Mexico. Ms. Ambler helped shape the new production-based industry classification concept, directed seven interagency committees to develop this concept into a framework of 1174 separate industries, and planned and initiated work to develop a related, market-based system for classifying industry products.



Arthur G. Dukakis
Boston Regional Director

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Dukakis is recognized for leadership and management of the 1970, 1980, and 1990 Decennial Censuses of Population and Housing in the Boston Region. His efforts in the direction and oversight of surveys fostered technological changes that positioned the Census Bureau strongly for the future. Mr. Dukakis' leadership and management skills, in-depth technical knowledge, effectiveness in communicating with the media and diverse publics of the Boston Region, and competence in representing his agency at high levels of government have contributed toward achieving Census Bureau and Administration goals.



David F. Findley
Mathematical Statistician

*Bureau of the Census
Economics and Statistics
Administration*

Dr. Findley is honored for scientific leadership and scholarly contributions to the field of time series analysis, especially seasonal adjustment research. He led the research and education efforts which brought about the Census Bureau's adoption of concurrent seasonal adjustment, the first major advance in the Census Bureau's adjustment methodology since 1967. Dr. Findley devised an intelligible and effective set of statistical techniques for deciding when a seasonal time series can be reliably adjusted and with his colleagues, developed updates (X-11.1; X-11.2; and X-12-ARIMA) to the X-11 program for adjustment of time series used throughout the world.



James F. Holmes
Atlanta Regional Director

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Holmes is recognized for management resulting in improvements to field operations in the Atlanta Region. He established the Atlanta Regional Office as a pacesetter for survey performance by improving sample surveys and response rates on major programs from the lower half to the top third of the Nation. His advice and wisdom has been actively sought by the Census Bureau for operational and policy decisions. His personal involvement enriched Atlanta's educational, private, and Federal communities. Mr. Holmes contributed toward carrying out the Census Bureau's mission of a more effective and efficient government.

Silver Medal

Leonard R. Baer
Supervisory Survey Statistician

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Baer is recognized for contributions as an invaluable resource to the entire mathematical statistical community at the Census Bureau. His management and leadership in the development and implementation of innovative, radically reengineered procedures brought an order and structure to the budget and hiring process that is now being copied throughout the Census Bureau.

Robert R. Bair
Implementation Manager

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Bair is honored for serving as the Census Bureau's Implementation Manager for the Commerce Administrative Management System (CAMS). He successfully led the implementation of the first phase of the CAMS Core Financial System. Under his direction, CAMS has moved from a plan for Department-wide financial management improvement to reality, serving as a road map for other Commerce agencies to follow.

Theresa J. DeMaio
Statistician

*Bureau of the Census
Economics and Statistics
Administration*

Ms. DeMaio is honored for contributions in developing and implementing an improved questionnaire evaluation and pretesting methods. She contributed to establishing the Census Bureau's cognitive laboratory facility and developed and implemented new, innovative methods for evaluating questionnaires. Her efforts led to a higher standard of survey practice and improved the quality of questionnaires fielded by the Census Bureau.

Elizabeth A. Martin
Supervisory Social Science Analyst

*Bureau of the Census
Economics and Statistics
Administration*

Dr. Martin is honored for scientific leadership and advances in the field of survey methodology. Her contributions have expanded the important role that social science research plays in improving the quality of the data that the Census Bureau collects. Her specific accomplishments include roster research for the decennial census, questionnaire testing and redesign for surveys and censuses, and customer satisfaction surveys.

Robert N. Tinari
Program Manager

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Tinari is cited for leadership of the Census Bureau's Computer Assisted Survey Research Office and Computer Assisted Survey Information Collection Reinvention Laboratory. He also effectively led the advocacy and early implementation of computer-assisted survey information collection methods in the National Crime Victimization Survey, the Current Industrial Reports, and the CASIC Committee for Technology Testing. His activities have achieved Census Bureau goals of improved data quality and productivity.

Mark E. Wallace
Supervisory Statistician Economist

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Wallace is recommended for leadership in improving products and processing systems for economic programs data dissemination. Due to his personal leadership and organizational skills, the Census Bureau's economic programs experienced historic improvements in data products and dissemination processing over the last two years. Data products he introduced contributed to major advancements in Census Bureau data delivery services.

Michael J. Weiler
Supervisory Survey Statistician

*Bureau of the Census
Economics and Statistics
Administration*

Mr. Weiler is recognized for innovativeness and leadership in overcoming frequently changing operational and methodological designs. He implemented processes that greatly improved the effectiveness and efficiency of field operations for Census 2000, the largest peacetime undertaking in the Nation. His tireless efforts will result in a decennial census of unmatched accuracy and efficiency.

William E. Winkler
Mathematical Statistician

*Bureau of the Census
Economics and Statistics
Administration*

Dr. Winkler is honored for internationally recognized scientific contributions in statistics and general purpose statistical software development. The software he developed for record linkage, data editing and imputation, and confidentiality incorporates innovative theoretical advances in statistics, operations research and computer science. His efforts have resulted in benefits to the Census Bureau and other statistical organizations.

Jane L. Woods
Supervisory Survey Statistician

*Bureau of the Census
Economics and Statistics
Administration*

Ms. Woods is recognized for leadership and initiatives to improve the quality and the quantity of data produced in the Computer Assisted Interviewing Branch of the Data Preparation Division (DPD). Through her quality management and emphasis on innovation in the area of computer assisted interviewing, DPD and the Census Bureau have developed many state-of-the-art improvements in processing methodologies.



INTERNATIONAL TRADE ADMINISTRATION

Gold Medal

Troy H. Cribb (not pictured)
Deputy Assistant Secretary for
Textiles, Apparel and Consumer
Goods Industries

Donald R. Foote
Director, International Agreements
Division

Linda C. Shelton
International Trade Specialist

Trade Development

Arthur R. Watson
Attorney-Advisor

Office of the General Counsel

International Trade Administration

Mmes. Cribb and Shelton and Messrs. Foote and Watson are recognized for their contributions to the successful negotiation of the U.S.-China Textile Agreement. On February 2, 1997, U.S. and Chinese negotiators concluded a comprehensive textile bilateral agreement. The new agreement reduces overall access to the U.S. market for textiles and apparel while obtaining commitments by China to reduce trade restrictions and stem illegal transshipment in this sector. The U.S.-China Textile Agreement was a major accomplishment for the United States. Its successful completion was required for development of U.S.-China relations in other areas, in particular paving the way for future Chinese membership in the World Trade Organization on terms acceptable to the United States.

Import Administration

Morland
**Office of the Chief Counsel for
Import Administration**

Barnett
Office of the General Counsel

International Trade Administration

The Tomato Team is recognized for the successful negotiation, implementation and enforcement of the Mexican Tomatoes Suspension Agreement. This Agreement settled a longstanding, very sensitive and complex antidumping investigation. The controversial issues resolved by the Agreement dealt with the pricing and selling practices of the Mexican tomato industry. The lack of an agreement would have resulted in the possible assessment of duties on Mexican tomato imports approaching \$75 million annually. The successful resolution of this long-standing trade dispute brought stability to the market place and eliminated a major source of friction between the United States and Mexico.



Amer Kayani
Commercial Officer

*Office of International Operations
International Trade Administration*

Mr. Kayani is recognized for building a foundation for U.S. commercial service programs in the West Bank and Gaza to serve U.S. business interests in developing ties with Palestinian businesses. As a result of the Middle East peace process, and the establishment of Palestinian autonomy, the territories emerged as an independent market, presenting opportunities for U.S. business that required unique programs. Mr. Kayani successfully oversaw new staff in developing business outreach. He established a market insight reporting program, initiated trade and foreign buyer missions, and conducted advocacy that resulted in the first U.S.-Palestinian joint ventures in the territories. He is credited with gaining for U.S. firms an early commercial advantage in the region.

Photograph
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Available

Charles M. Ludolph
Director, Office of the European
Union and Regional Affairs

*Market Access and Compliance
International Trade Administration*

Dr. Ludolph is recognized for developing and completing the first U.S.-European Union Mutual Recognition Agreement (MRA) in June 1997. This agreement virtually eliminates the delays and costs of unnecessary product testing and certification required of U.S. exports to the European Union for all electronic products, key pharmaceuticals and medical devices. The MRA liberalizes market access for more than \$50 billion in two-way trade and saves companies more than \$1 billion a year. The agreement is pathbreaking in that health, safety and environmental protection are sustained at maximum levels even as market access is expanded with no loss to either objective. This agreement addresses new and sensitive issues and is a precedent for building new agreements globally.

**Showcase Europe Steering
Committee** (Jerry Mitchell)

*The Commercial Service
International Trade Administration*

The Showcase Europe Steering Committee is recognized for leadership in conceptualizing, coordinating, and implementing the Showcase Europe program - the new Departmental strategy for serving U.S. business interests in Europe. The Committee broke new ground in developing and implementing a strategy for exports to Europe that approaches the market on a unified, regional basis. This new strategy expands U.S. exports to Europe and accelerates the integration of Central Europe, Russia, and the NIS into the world economy. The Committee's efforts clarified European standards, promoted investments and reduced trade barriers.

**Special American Business
Internship Training (SABIT)**
Ms. Liesel Duhan

*Market Access and Compliance
International Trade Administration*

The Special American Business Internship Training (SABIT) Program Team is recognized for the expansion of its training programs for Newly Independent States executives and scientists. SABIT arranges for hands on training in American ways of management and commercial science. The training is hosted by companies at locations throughout U.S. To date, SABIT has trained over 1,100 interns in over 350 U.S. companies. Surveys indicate that 70% of U.S. host companies develop business relationships with SABIT interns such as joint ventures and distributorships. SABIT has facilitated over \$100 million in U.S. export revenues with an additional \$300 million anticipated in several years.

Silver Medal

Seward L. Jones, Jr.

International Economist

*Market Access and Compliance
International Trade Administration*

Mr. Jones is recognized for initiative and creativity in addressing dual U.S. policy objectives - the expansion of trade and protection of the environment. His work helped ensure that enhanced environmental safeguards do not unnecessarily restrict international trade and lead to the loss of U.S. exports and jobs. His contributions have greatly increased the United States' standing in both the international trade and environmental communities.

David Miller

Director, Program and Field
Operations Staff

*The Commercial Service
International Trade Administration*

Mr. Miller is recognized for creativity and management in redesigning the Department's domestic field export assistance network. The accomplishment is based on the National Performance Review principles of client service, program accountability, and achieving greater program results with fewer taxpayer dollars. The effort resulted in the doubling of export actions and productivity nationwide by the domestic field export offices.

Office of the Assistant Secretary for Import Administration

(Michael Rill)

Office of the Chief Counsel for Import Administration

(Stacy Ethingel)

Office of the General Counsel

International Trade Administration

The Regulations Team is recognized for significant accomplishments in revising the regulations governing the Antidumping and Countervailing Duty procedures. The goal of the revision was to overhaul the regulations to promote vigorous enforcement and fair administration of the trade laws. After an extensive interagency process, the Department published the Final Regulations on May 19, 1997.

Office of Domestic Operations

(Walter Hoge)

The Commercial Service

Office of the Assistant Secretary for Market Access and Compliance

(Ms. Virginia Manuel)

Market Access and Compliance

Office of Business Liaison

(Cheryl Bruner)

*Office of the Counsellor and
Chief of Staff*

International Trade Administration

The U.S.-Northern Ireland Conference Team is honored for developing, implementing and overseeing White House trade policy initiatives on Northern Ireland. The culmination of the team's efforts was the "U.S. Conference for Trade and Investment in Northern Ireland and the Border Counties of Ireland," held in Pittsburgh, Pennsylvania, October 6-8, 1996. This conference brought together members of the U.S. and Northern Ireland business communities, promoting the peace process in Northern Ireland.

**Technology and Aerospace
Industries Group**

(John E. McPhee)

*Trade Development
International Trade Administration*

The Technology and Aerospace Industries Group is recognized for exceptional industry analyses and coordination with U.S. industry in support of the negotiations which resulted in the signing by forty-one countries of the Information Technology Agreement. The agreement will eliminate tariffs on information technology products, and will enable the U.S. to expand its \$80 billion share of this global market.

Harvey F. Timberlake, III

Manager, Sioux Falls Office of
Domestic Operations

*The Commercial Service
International Trade Administration*

Mr. Timberlake is recognized for creative assistance to the Native American business community in South Dakota. The Commercial Service first opened a domestic office in Sioux Falls, South Dakota, in July 1994. As manager of that office, he developed business partnerships which stimulated the development of an effective strategy for marketing and exporting Native American-made products to overseas markets.

Lisa Kay Yarbrough

Import Compliance Specialist

*Import Administration
International Trade Administration*

Ms. Yarbrough is recognized for work on the Agreement Suspending the Antidumping Investigation on Honey from the People's Republic of China. The Agreement provides limitations on the volume of honey imported from China, sets a minimum floor price for Chinese honey sold in the U.S. and establishes anticircumvention mechanisms. The Agreement protects hundreds of small U.S. honey producers.



**NATIONAL OCEANIC AND
ATMOSPHERIC
ADMINISTRATION**

Gold Medal

Robert E. Cheney

Acting Chief, Geosciences Laboratory

John L. Lillibridge

Oceanographer

Laurence L. Miller

C.K. Tai

Geodesists

National Ocean Service

John M. Kuhn

Supervisory Geodesist

*National Environmental Satellite,
Data, and Information Service*

Ming Ji

Physical Scientist

David W. Behringer

Oceanographer

National Weather Service

*National Oceanic and Atmospheric
Administration*

Messrs. Cheney, Lillibridge, Kuhn and Drs. Miller, Tai, Ji and Behringer are recognized for achievements in implementing a new system of operational satellite altimeter data assimilation that has improved long-ranged El Niño forecasts. El Niño climate variations often have widespread and devastating impacts which could be avoided or reduced by successful forecasts. This innovative NOAA system adapts sea level measurements from a research satellite, Topex/Poseidon, for operational ocean modeling and forecasting purposes and is unique in the international community. The blending of space-based data and models is a critical objective of the Department and has a significant beneficial effect on the Nation and many other countries.



Eugenia Kalnay
Director, Environmental Modeling
Center

Robert E. Kistler
John Janowiak
Research Meteorologists

Masao Kanamitsu
Senior Research Meteorologist

Suranjana Saha
Physical Scientist

Glenn White
Meteorologist

Muthuvel Chelliah
Kingtse Mo
Research Physical Scientists

Richard Reynolds
Supervisory Oceanographer

*National Weather Service
National Oceanic and Atmospheric
Administration*

Drs. Kalnay, Kistler, Kanamitsu, Saha, White, Chelliah, Mo, Reynolds and Mr. Janowiak are cited for creating the National Centers for Environmental Prediction/National Center for Atmospheric Research (NCEP/NCAR). The NCEP/NCAR provides a four times per day record of the global atmosphere over a 40-year period for use in support of climate, ocean and weather research, and forecasting. A monumental effort was required to recover data from many national and international sources to form the most complete database possible. The data were then reanalyzed with a frozen state-of-the-art data assimilation system for the period 1957 to 1996. Reanalysis will provide, for the first time in the history of meteorology, a multi-decade time sequence of comprehensive analyzed fields describing the global atmosphere that will stimulate new and important research on climate, climate impacts and environmental issues.



Michael J. McPhaden

Director, TOGA-TAO Project

*Office of Oceanic and Atmospheric
Research*

*National Oceanic and Atmospheric
Administration*

Dr. McPhaden is recognized for scientific leadership in bringing online the Tropical Atmosphere Ocean (TAO) mooring array in the Pacific — an unparalleled oceanographic and atmospheric observing system of global importance. The array is now providing data that will improve El Niño forecasts and help mitigate El Niño's negative impact on the economies of the United States and other nations. Dr. McPhaden's leadership in implementing the array, in distributing these data to the international research and operational communities, and in contributing to a better scientific understanding of El Niño forecasting is a scientific breakthrough that radically advances the state-of-the-art in climate observing systems for El Niño predictions.



Steven C. Springer (not pictured)
Special Agent in Charge,
Enforcement Programs

Linda R. Galvin (not pictured)
Enforcement Technician

Brett M. Schneider (not pictured)
Senior Special Agent

Eugene F. Proulx (not pictured)
Special Agent in Charge, Southwest

Scot Y. Yamashita (not pictured)
Assistant Special Agent in Charge

Frederick D. Kyle (not pictured)
Special Agent ~~(Not Here)~~

National Marine Fisheries Service

Paul A. Ortiz
Attorney-Advisor

Office of the General Counsel

Joann M. Nault
Computer Specialist

Walton B. Campbell
Physical Scientist

National Ocean Service

*National Oceanic and Atmospheric
Administration*

Mr. Springer, Schneider, Proulx, Yamashita, Kyle, Ortiz and Campbell and Mrs. Galvin and Ms. Nault are honored for developing and implementing satellite-based vessel monitoring system (VMS) technology. This technology is being implemented nationally and globally on fishing vessels to enable enforcement officials to conduct monitoring, control and surveillance activities in an efficient, cost-effective manner. This VMS technology will save the U.S. and foreign governments millions of dollars that would otherwise be used to conduct at-sea patrols and is being used by the industry to provide low-cost confidential communications while increasing the safety of vessels at sea.

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Available

William W. Stelle, Jr.

Regional Administrator,
Northwest Region

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Garth R. Griffin

Supervisory Fishery Biologist

James H. Lecky

Fishery Administrator

Laurie A. Weitkamp

Thomas C. Wainwright
Research Fishery Biologists

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Steven L. Stone

R. Craig Wingert

Gregory J. Bryant

Fishery Biologists

National Marine Fisheries Service

Mary G. Holt

Michael H. Bancroft

Attorney-Advisors

~~NOT HERE~~

Office of the General Counsel

*National Oceanic and Atmospheric
Administration*

Messrs. Stelle, Griffin, Lecky, Wainwright, Stone, Wingert, Bryant and Bancroft and Mmes. Weitkamp and Holt are recognized for their interpretation and flexibility of the Endangered Species Act (ESA) resulting in a decision to list west coast coastal coho salmon. The listing decision affected the second largest land area for a final decision under the ESA in the history of the program. The decision represented an enormously complex set of policy, biological, legal and strategic issues for NOAA Fisheries. Their efforts involved highly strategic considerations relating to the long-term prognosis for the ESA, and broke new ground for the program nationwide. Their unwavering commitment will ensure the survival and recovery of the Nation's salmon populations.



William E. Strange, Jr.
Chief Geodesist

Neil D. Weston
Paul R. Spofford
Richard A. Snay
Donald E. Haw
Gordon W. Adams
Geodesists

James Drosdak (not pictured)
Geodetic Technician

Heeyul Han
Computer Specialist

National Ocean Service
National Oceanic and Atmospheric
Administration

The Continuously Operating Reference Station (CORS) system Project Team is honored for the design, implementation and operation of a new national positional reference system capability based on Global Positioning System (GPS) satellite technology. The Team effectively leveraged resources from other agencies to create the nationwide network of GPS reference stations that provides higher accuracy positioning at lower cost to a diverse community of private and governmental users. Their work has radically advanced the state-of-the-art in GPS technology, ensuring the Department's continued leadership in the field.

Silver Medal

James H. Butler
James W. Elkins
Stephen A. Montzka
Research Chemists

Office of Oceanic and Atmospheric
Research
National Oceanic and Atmospheric
Administration

Drs. Bulter, Elkins and Montzka are recognized for outstanding research related to man-made ozone-destroying gases. For example, showing that the ozone destroying power of CFCs in the atmosphere is beginning to decline, and that the new, more ozone-friendly CFC replacements are at very low levels but increasing dramatically. These efforts are important in guiding the rehabilitation of the Earth's ozone layer and gauging the effectiveness of U. S. regulations designed to protect the ozone layer.

Helen E. Coffey
Eric A. Kihn
Daniel C. Wilkinson
Raymond O. Conkright
Physicists

Leslie D. Morris *make*
Geophysicist

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

Ms. Coffey and Messrs. Kihn, Wilkinson, Conkright and Morris are recognized for the design and implementation of the Space Physics Interactive Data Resource (SPIDR) system. The SPIDR fully exploits new technology to make space and weather data as readily available and as useable as the phone book. SPIDR users reach directly into the National Geophysical Data Center archives, interactively create multidisciplinary graphical displays, and receive selected data for immediate use in research and analysis. Copies of the SPIDR software are now operating in the U.S., Europe and Asia.

7 make
IT

Howard J. Diamond

Physical Scientist

*National Weather Service
National Oceanic and Atmospheric
Administration*

Mr. Diamond is recognized for leadership in managing United States implementation of World Meteorological Organization formats for aviation weather reports and airport forecasts. He not only coordinated U.S. efforts among the Departments of Defense, Transportation and Commerce, but also managed all activities required to achieve DOC implementation. To ensure flight safety nationwide, he took extensive and creative steps to prepare the aviation industry and general aviation community.

Margaret M. Krahn

Supervisory Research Chemist

*National Marine Fisheries Service
National Oceanic and Atmospheric
Administration*

Dr. Krahn's innovative research has focused on developing methods that substantially enhance the ability of scientists to accurately measure contaminants in living marine resources and habitats while minimizing the time and expense of these analyses. Her state-of-the-art methods are currently being used worldwide to provide key scientific data needed to make critical, time-sensitive decisions for mitigating the impacts of anthropogenic contaminants on aquatic resources.

NWS Eastern North DakotaOffice *Lee C. Anderson***North Central River Forecast**Center *Dean Braatz**National Weather Service
National Oceanic and Atmospheric
Administration*

The NWS Eastern North Dakota Office and the North Central River Forecast Center are recognized for

competence and courage in protecting the life and property of the public during the Red River Flood of 1997. Through river forecasts, flood warnings, statements and interviews, the staff of these offices provided six weeks lead time for flood preparedness. As a result of their dedication, no lives were lost and many towns were spared the devastation of the flood.

NWS Ohio River ForecastCenter *Craig Hunter***NEXRAD Weather Service
Office, Eastern Region***Kenneth Haydu**National Weather Service
National Oceanic and Atmospheric
Administration*

The Ohio River Forecast Center and the NEXRAD Weather Service Office, Eastern Region are recognized for providing flash flood and river flood warnings, river forecast guidance, and hydrologic support during the March 1997, Ohio Valley flood. These highly accurate, life-saving warnings provided citizens time to evacuate Falmouth, Kentucky in anticipation of a record crest on the Licking River, and allowed citizens to prepare for flood levels on the Ohio River not seen in 33 years.

**NWS Forecast Office, Southern
Region** *Allen Lee**National Weather Service
National Oceanic and Atmospheric
Administration*

The National Weather Service Forecast Office, Southern Region is recognized for providing accurate forecasts and timely weather warnings during the severe weather outbreak in Arkansas on March 1, 1997. The staff effectively applied new technological tools at their disposal to alert emergency management officials of the impending severe weather threat and subsequently provided critical weather warnings as severe weather and tornadoes developed.

Frank R. Philippsborn
Program Manager, High Altitude Jet
Acquisition

James D. DuGranrut
Supervisory General Engineer

Alan S. Goldstein
Supervisory Electronic Engineer

Office of NOAA Corps Operations

Richard N. Bennett
Contracting Officer

Ellen M. Herrburger
Acquisition Manager

Theodore J. Ulinski
Electronic Engineer

Daniel G. Flanagan
Albert B. Spencer
General Engineers

Systems Acquisition Office

Naomi Surgi
Research Meteorologist

National Weather Service

Frank D. Marks
Research Meteorologist

*Office of Oceanic and Atmospheric
Research*

*National Oceanic and Atmospheric
Administration*

Messrs. Philippsborn, DuGranrut, Goldstein, Bennett, Ulinski, Flanagan, Spencer and Marks and Mmes. Herrburger and Surgi are cited for acquiring a Gulfstream IV high altitude aircraft. The aircraft will enhance public safety through more accurate hurricane storm track forecasting, atmospheric research and severe weather prediction. The team streamlined a complex procurement and development process to accomplish this major undertaking in considerably less time than expected for comparable aircraft acquisition.

Jeffrey J. Polovina
Supervisory Mathematical Statistician

*National Marine Fisheries Service
National Oceanic and Atmospheric
Administration*

Dr. Jeffrey Polovina is honored for scientific achievements which have significantly advanced the understanding of marine resource population dynamics and improved the scientific basis for fisheries management. He published over 50 scientific papers in peer-reviewed journals on population dynamics of marine organisms and provided scientific advice to the Western Pacific Fisheries Management Council. His work has significantly impacted marine science.

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Frederick W. Rossmann
Lieutenant Commander

Bruce H. Barber,
James B. Stricker,
General Engineers

Calvin S. Hall *Not Here*
Chief, Marine Engineering

Bob J. Taylor
Supervisory General Engineer

Office of NOAA Corps Operations

John M. Hotaling
Supervisory General Engineer

John F. Walter
General Engineer

Tracy B. Moran
Logistics Management Specialist

Systems Acquisition Office

Warren H. Keenan
Physical Scientist

Office of Global Programs

Stephen R. Piotrowicz
Oceanographer

*Office of Oceanic and Atmospheric
Research*

*National Oceanic and Atmospheric
Administration*

The RONALD H. BROWN Project Team is cited for acquiring a new oceanographic research ship. The BROWN is the only ship in the U.S. research fleet with the capability of both atmospheric sampling, with its Doppler radar, and oceanographic sampling, with its full array of oceanographic instrumentation. This vessel enhances scientist's ability to provide critical one-year forecasts of global climate variability and to better predict long time climate changes.

Charles H. Sprinkle
International Affairs Officer

*National Weather Service
National Oceanic and Atmospheric
Administration*

Mr. Sprinkle is recognized for exceptional accomplishments in establishing and implementing the World Area Forecast System and the Region IV Meteorological Telecommunications Network which represents a new plateau in international and regional meteorology. The system represents a virtual rite-of-passage from World War II level meteorology through its access to and utilization of digital technology and numerical weather prediction methods.

Robin Lee Tuttle
Foreign Affairs Specialist

*National Marine Fisheries Service
National Oceanic and Atmospheric
Administration*

Ms. Tuttle is cited for organizing and leading the Department's substantial contributions to the Food and Agriculture Organization's Code of Conduct for Responsible Fisheries. She designed a series of tactically directed papers necessary to achieve, over a 2-year negotiation, a set of agreed standards for fisheries practices. The Code establishes a universally acclaimed global ethic for fisheries practices worldwide, and its norms will guide the evolution of fisheries practices both within national jurisdictions and on the high seas for many years to come.

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215

Gary R. Woodall

Meteorologist

*National Weather Service
National Oceanic and Atmospheric
Administration*

Mr. Woodall is cited for development of a suite of severe weather spotter training and reference materials. These were possible because of Mr. Woodall's ability to integrate advanced scientific and technical information through effective visual and written communication. The result was plain language training for nontechnical individuals. These materials have been used to train more than 100,000 spotters throughout the United States.

Photograph
Not
Available

NATIONAL
TELECOMMUNICATIONS
AND INFORMATION
ADMINISTRATION

Gold Medal

William T. Hatch

Telecommunications Manager

*Office of Spectrum Management
National Telecommunications and
Information Administration*

Mr. Hatch is recognized for leadership in the development of national and international spectrum management policy that supports critical missions of Federal agencies and U.S. proposals to World Radiocommunication Conferences, that have led to the development of new and innovative terrestrial and satellite based radiocommunications services. Through his efforts, the U.S. achieved significant results at World Radio Conferences which led to improvements in the national and international competitiveness of the U.S. telecommunications industry. His ability to develop, present and negotiate on behalf of the U.S. has been recognized by senior leaders in U.S. industry and government and in international telecommunications fora.

OFFICE OF THE GENERAL
COUNSEL

Silver Medal

Arthur I. Aronoff, III

Allyson L. Senie

Catherine Casey Nottingham

Attorney-Advisors

Office of the General Counsel

Mr. Aronoff and Mmes. Senie and Nottingham are recognized for contributions to the negotiation of the Mutual Recognition Agreement (MRA) between the United States and the European Community. The MRA will lead to significantly reduced costs for U.S. exporters in the European market, and represents the achievement of an important program goal of the Department and the Administration.

Berniece A. Browne

Chief, Antidumping Litigation

Patrick V. Gallagher, Jr.

Supervisory General Attorney

Lucius B. Lau

General Attorney

David W. Richardson

General Attorney (International)

Elizabeth C. Seastrum

Chief, Countervailing Duty Litigation

Marguerite E. Trossevin

Chief, Antidumping Regulation

Office of the General Counsel

Mmes. Browne, Seastrum and Trossevin and Messrs. Gallagher, Lau and Richardson are recognized for successfully defending the Department from a challenge to its authority to administer the antidumping law in a case involving vector supercomputers from Japan. This lawsuit involved issues, which if decided unfavorably, could have resulted in serious damage to the Department's ability to administer the antidumping laws.

David A. Maggi
Chief, Ethics Division

Office of the General Counsel

Mr. Maggi is recognized for designing an innovative ethics training program that emphasizes individualized training materials for each operating unit within the Department. As a result of his vision and leadership, the training incorporates the types of situations employees in each operating unit may face, creating the opportunity for greater interaction between employees and trainers.

Judith F. Means
Andrea Torczon *Not Here*
Elise B. Packard
Alice H. McKenna
Andrew W. McCready
Michael Borofsky
William H. Kysella, Jr.
Attorney-Advisors

*Office of the Assistant General
Counsel for Administration
Office of the General Counsel*

Mmes. Means, Torczon, Packard, McKenna and Messrs. McCready, Borofsky and Kysella are recognized for providing all bureaus and the Department consistent legal advice over a period of nine months of heavy public and Congressional demands for information. The group's decisive and expeditious responses to Department officials ensured that the Department responded in a thorough and legally correct manner and the public's right to know and the Congress' oversight responsibilities were properly and carefully observed.

**OFFICE OF INSPECTOR
GENERAL**

Silver Medal

Heidi L. Alves
Karl W. Schornagel *Not Here*
Program Analysts

*Office of Systems Evaluations
Office of Inspector General*

Ms. Alves and Mr. Schornagel are cited for conducting two inspections that identified over \$150 million in excess FY97 Polar and GOES satellite funding. The significance of this work was not only the magnitude of funds to be put to better use but also the recommendations made to NOAA to improve management of its satellite funding and to provide decision-makers in NOAA, the Department, OMB, and the Congress with better visibility into program performance and whether funding requests are justified.

Jill A. Gross
Deputy Assistant Inspector General,
Inspections and Program
Evaluations

*Office of Inspections and Program
Evaluations
Office of Inspector General*

Ms. Gross is recognized for overall contributions in support of the Office of Inspector General, the Department and above all, U.S. taxpayers. Ms. Gross has consistently provided the leadership, creativity, and guidance necessary to allow the Office of Inspections and Program Evaluations to produce an impressive quantity and quality of work that have made a tremendous difference in how the Department functions.

Robert B. Hoy, Jr.
Management and Program Analysis
Officer

*Office of Compliance and
Administration
Office of Inspector General*

Mr. Hoy is recognized for contributions to the achievement of the Office of Inspector General's mission and goals during the past five years. He managed the development, publication, issuance, and update of numerous key OIG publications. He also exhibited superior leadership in guiding the OIG in identifying, acquiring, and making productive use of new communications media and technology.

Morton D. Schwartz
Sally M. Obenski
Supervisory Program Analysts

Rochelle W. Martinez
Program Analyst

Office of Audits
Office of Inspector General

Mr. Schwartz and Mmes. Obenski and Martinez are recognized for invaluable advice and counsel on Decennial Census 2000 issues. They have been instrumental in defining issues and risks confronting the decennial census and recommending effective improvements to the planning and implementation process. Their efforts have focused Departmental and Congressional attention on the major issues facing the Census 2000.

OFFICE OF THE SECRETARY

Silver Medal

Brenda S. Dolan
Diane Celeste Haeger
Victoria Ann Kruk
Carin M. Otero
Roberta A. Parsons
Daniel Joseph Rooney
Management Analysts

John James Phelan, III
Director, Office of Executive
Assistance Management

Sonya G. Stewart
Director for Executive Budgeting and
Assistance Management

*Chief Financial Officer and Assistant
Secretary for Administration*

Thomas G. Aldridge
Otto Barry Bird
Pete M. Dalmut
Bernard L. Hengesbaugh, III
Attorney-Advisors

Office of the General Counsel

Maria Teresa Cardona
Press Secretary

Dana V. Shelley
Deputy Press Secretary

Office of Public Affairs

Keith Gregory Morrison *Not Here*
Special Assistant

*Office of Legislative and
Intergovernmental Affairs*

Glenitta Chase
Peter V. Han
Management Analysts

Mary Ann McFate
Director, Office of Organization and
Management Support

Alan Neuschatz
Director of Administration

International Trade Administration

Office of the Secretary

Mmes. Dolan, Haeger, Kruk, Otero, Parsons, Stewart, Cardona, Shelley, Chase and McFate and Messrs. Rooney, Phelan, Aldridge, Bird, Dalmut, Hengesbaugh, Morrison, Han and Neuschatz are recognized for their contributions to the Commerce Department's efforts to respond appropriately to numerous inquiries relating to political fundraising and its possible relationship to the Department. They have shown unusual commitment and professional cooperation in ensuring accurate, timely results.



**PATENT AND TRADEMARK
OFFICE**

Gold Medal

Jeffrey P. Kushan
Paul E. Salmon
Lee J. Schroeder
Keith M. Kupferschmid
Intellectual Property Specialists

Peter N. Fowler
Michael S. Keplinger *Not Here*
Attorney-Advisors

*Office of the Deputy Assistant
Secretary and Deputy Commis-
sioner
of Patents and Trademarks
Patent and Trademark Office*

Messrs. Kushan, Salmon, Schroeder, Kupferschmid, Fowler and Keplinger are recognized for contributions to the successful conclusion of the Diplomatic Conference held at the World Intellectual Property Organization (WIPO) December 2-20, 1996. The efforts of this group played an indispensable role in adoption of two new Treaties in the field of copyright at the Conference, namely, the WIPO Copyright Treaty and the WIPO Performances and Phonograms Treaty. These Treaties contribute significantly to the welfare of the Nation by setting new standards of protection for creative works in the digital age. Benefits will accrue, in particular, to U.S. sound recording, motion picture, computer software and other industries that rely on strong intellectual property protection worldwide.



James R. Lynch
Comptroller and Deputy Chief
Financial Officer

*Office of the Associate Commissioner
and Chief Financial Officer
Patent and Trademark Office*

Mr. Lynch is recognized for innovative financial and managerial achievements which have resulted in the transformation of the PTO into a financially self-sufficient organization. His efforts have resulted in the implementation of budget, procurement, and accounting systems that ensure sound business practices. Under Mr. Lynch's leadership, these systems have been revamped to provide customers, managers, employees, the Administration, and Congress with clear spending plans and assurances of fiscal responsibility. His ability to see where an organization needs to be, to create the infrastructures, and to acquire the resources necessary to get there, is a mix of both vision and determination. Mr. Lynch's contributions have poised the PTO for continued success into the 21st century.



Frances M. Michalkewicz
Director, Office of Planning and
Evaluation

*Office of the Associate Commissioner
and Chief Financial Officer
Patent and Trademark Office*

Ms. Michalkewicz is recognized for extraordinary leadership and guidance of the PTO's efforts towards institutionalizing an integrated planning and budget process and advancing the discipline of public administration. She has provided the PTO with superior planning expertise and proactively led the Office to state-of-the-art business practices in the strategic planning arena. As a direct result of her efforts, significant and lasting benefits to America's patent and trademark communities were realized. Through her leadership, the PTO is better positioned today to promote industrial and technological progress and strengthen intellectual property rights and the economy of the United States.

Silver Medal

Holly W. Higgins
Director, Office of Data Management

*Chief Information Officer
Patent and Trademark Office*

Ms. Higgins is cited for orchestrating the design of a data architecture that allows data to be managed separate from the technical infrastructure and leverages investment in legacy data assets resulting in sound decision making. Her persistence in implementing data management best practices has required her to create a data architecture to ensure the integrity and quality of U.S. intellectual property. The result is a data management program that is unrivaled in the Government.

Donna M. Kucia
Computer Specialist

*Chief Information Officer
Patent and Trademark Office*

Ms. Kucia is recognized for her leadership of the PTO's System Development and Maintenance (SDM) acquisition of PTO-wide information technology services. PTO recently awarded two SDM contracts, valued at more than \$500 million over the next eight years. The SDM acquisition resulted in two of the PTO's largest and most complex contracts, and established new techniques for evaluating proposals.

Stuart S. Levy
Donald T. Hajec
Daniel P. Stodola
Randolph A. Reese
Supervisory Patent Examiners

*Office of the Assistant Commissioner
for Patents*

Jeanne L. Oliver
Manager, General Information
Services Division

Alma R. Alexander
Public Service Specialist

Trina D. Parks
Team Leader

*Office of the Associate Commissioner
and Chief Financial Officer*

Patent and Trademark Office

Messrs. Levy, Hajec, Stodola, Reese, and Mmes. Oliver, Alexander and Parks are recognized for providing enhanced call center assistance to Patent and Trademark Office customers. Their contributions and dedication in management of the call centers, provision of extensive training for staff, and efficient operation of the call center systems have made this enterprise effort of the General Information Services Program and the Patent Assistance Center an unprecedented success.

Kay H. Melvin
Director, Office of Patent Automation

John J. Cochran
Director, Office of Electronic Office
Programs

*Office of the Assistant Commissioner
for Patents*

Frank Dreano, Jr.
Chief, Patent Application Image
Branch

Chief Information Office

Patent and Trademark Office

Mrs. Melvin and Messrs. Cochran and Dreano are recognized for leadership and management in the design, development and implementation of the Patent Image Capture System. This system advances the PTO's goal of reducing the inefficiencies and expense of paper-based application processing. It provides the PTO with electronic application files which will expand the accessibility of application information and increase the level of service that can be provided to its customers.

Charles A. Rademaker
Design Patent Classifier

*Office of the Assistant Commissioner
for Patents
Patent and Trademark Office*

Mr. Rademaker is recognized for improvements in design patent search resources available to all U.S. design patent examiners. He suggested and implemented a pilot program that encouraged and assisted examiners in developing collections of foreign design documents. Mr. Rademaker designed and implemented a production system for providing international design classifications for U.S. design patents. He was instrumental in virtually every aspect of this complex program's implementation.



TECHNOLOGY ADMINISTRATION

Gold Medal

Kevin M. Carr

Director, Manufacturing Extension
Partnership Program

*National Institute of Standards and
Technology
Technology Administration*

Mr. Carr is honored for leadership of the NIST Manufacturing Extension Partnership (MEP) program. His efforts led to achieving the goal of providing all of the Nation's 381,000 smaller manufacturers access to extension services — a full year ahead of the schedule for this Presidential initiative. Under Mr. Carr's leadership, MEP has become recognized both nationally and internationally as the lead Federal program for manufacturing technology deployment. As a result, MEP is now a nationwide system of services and support for smaller manufacturers giving them unprecedented access to new technologies, resources and expertise. Mr. Carr has positioned the MEP to be the primary catalyst for competitive improvements in U.S. manufacturing in an increasingly competitive global economy.



Robert Eugene Hebner, Jr. Acting Deputy Director

*National Institute of Standards and
Technology
Technology Administration*

Dr. Hebner is recognized for leadership of the National Institute of Standards and Technology through positions of rapidly increasing responsibility at a time when its programs and activities have been under increasing external scrutiny and challenge. He accelerated the pace of accomplishments toward all four of the Institute's priorities through his action-oriented, results-focused leadership. Dr. Hebner's leadership style and incisive analytical ability have been critical to the overall management, strategic planning, program direction, budget priorities, and day-to-day operations of the Institute. His efforts have led to a vision for the future of NIST that will assure its contribution to technology-based economic growth for the Nation.



Ernest G. Kessler, Jr.
Physicist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Kessler is recognized for making the world's most accurate measurements of a fundamental property of x- and gamma-rays: wavelength. This is essentially a measure of the frequency or energy of radiation. Dr. Kessler achieved the goal of providing accurate wavelength standards by experimentally tying x- and gamma-ray measurements to the wavelengths of ordinary visible light which can be calibrated against other standards and even against the basic standard for time and frequency - the atomic clock. This work has significant impact on the determination of fundamental physical constants, the masses of elementary particles, precise tests of physical theory, calibration standards for crystallographic analysis of materials, and the unification of time, frequency, and length measurements.

Reactor Operations and Engineering Group

Tawfik Raby

*National Institute of Standards and
Technology
Technology Administration*

The Reactor Operations and Engineering Group is recognized for managing and operating the NIST Research Reactor at a cost far lower than comparable facilities in the U.S. and worldwide. The Group achieved this with a small, excellent staff which maintains and upgrades the reactor constantly with an unrivaled record of safe operation and high availability. The exceptional quality of the NIST facility and staff was recently acknowledged by an international inspection team led by the Nuclear Regulatory Commission. The NIST Research Reactor is by far the most productive neutron research facility in the U.S., providing critical research tools to 200 industries and universities, touching on all areas of modern technology.



Rance A. Velapoldi

Chief, Surface and Microanalysis
Science Division

*National Institute of Standards and
Technology
Technology Administration*

Dr. Velapoldi is recognized for innovative leadership of the Surface and Microanalysis Science Division. He developed high-resolution, species-specific chemical measurements, standards and data, that are tools used in broad application areas ranging from characterization of products and control of manufacturing processes, to environmental monitoring and national security. These efforts provide industry and other Federal agencies with capabilities not available anywhere else in the world, and have had a major impact in maintaining the U.S. lead in the international scientific community.

Silver Medal

Stanley Abramowitz

Chemist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Abramowitz is recognized for achievement of the Advanced Technology Program's (ATP) goals within the Tools for DNA Diagnostics program. The program has been marked by high performance and quality of research results by the ATP projects. In addition, he exhibited exceptional authorship that contributed significantly to the integration of the multidisciplinary body of knowledge in the broader field of DNA diagnostics.

Bert M. Coursey

Chief, Ionizing Radiation Division

*National Institute of Standards and
Technology
Technology Administration*

Dr. Coursey is cited for leadership in standards and services to support the safe and effective uses of ionizing radiation in science, medicine, and industry. His efforts played an important role in developing the NIST Medical-Industrial Radiation Facility, which provides national standards required for the delivery of radiation therapy. He led the development of a new generation of mammogram x-ray exposure standards ensuring a high image quality with the lowest possible radiation exposure.

Charles J. Glinka

Physicist

*National Institute of Standards and
Technology
Technology Administration*

Dr. Glinka is cited for leading the development of the only U.S. small angle neutron scattering research capabilities competitive with Europe and Japan. His achievements created essential measurement and science opportunities for over 100 U.S. industries and universities and NIST. These advances are critical for research on key sub-micron structures which affect the properties and performance of virtually all materials which are at the heart of U.S. industrial and technological enterprise.

Nelson N. Hsu

General Engineer

*National Institute of Standards and
Technology
Technology Administration*

Dr. Hsu is recognized for seminal leadership in the fundamental understanding of ultrasonic wave propagation in materials and structures. His analytic work to predict pulsed-wave motion is used in major laboratories worldwide. His experimental work to develop a standard acoustic source to evaluate ultrasonic sensors is codified in the U.S. and abroad. The impact of these contributions on industrial measurement technology for product quality and system integrity is pervasive.

David S. PallettGroup Manager, Spoken Natural
Language Processing

*National Institute of Standards and
Technology
Technology Administration*

Dr. Pallett is recognized for leadership in the development of measurement methodologies for spoken language systems. These tests permit quantitative measurement of the performance of automatic speech recognition systems. Under Dr. Pallett's leadership, the NIST Spoken Natural Language Processing Group has played an important role in contributing to the progress of the technology of continuous speech recognition for commercial applications in industry.

Marc G. StanleyAssociate Director for Technology
and Business Assessment

*National Institute of Standards and
Technology
Technology Administration*

Mr. Stanley is honored for strengthening the Advanced Technology Program's (ATP) ties to industry, state and local governments. He has traveled the country informing representatives of companies as well as state and local officials about the ATP, inviting them to join forces with the Department in fostering economic growth. During times of extreme budgetary uncertainty, he worked closely with industry to maintain their confidence in the ATP.

James R. Whetstone
Group Leader

*National Institute of Standards and
Technology
Technology Administration*

Dr. Whetstone is cited for leadership of the Chemical Science and Technology Laboratory's effort under NIST's National Semiconductor Metrology Program. His extensive industrial interactions have identified wafer and process metrology needs. In response, he developed a program to produce standards for wafer depth profiling, gas flow and composition measurement, process modeling data, industry-standard reactors for measurement and model development, and tools for plasma and temperature measurement.

1997 NOBEL PRIZE IN PHYSICS

Dr. William D. Phillips
National Institute of Standards and Technology
Technology Administration



Dr. Phillips, the first scientist in the Commerce Department to win a Nobel Prize, shares the 1997 Nobel Prize in Physics with university professors in California and France. The Royal Swedish Academy selected Dr. Phillips for the development of methods to cool and trap atoms with laser light. Beginning in 1978, Dr. Phillips has conducted experiments using laser light and magnetic fields to slow, cool and trap clouds of atoms. In 1988, Dr. Phillips and his team demonstrated that it is possible to cool atoms to lower temperatures than was previously thought possible, far colder than interstellar space. His experiments laid the groundwork for more recent milestones in physics including a long-sought new state of matter known as Bose-Einstein Condensation and the atom laser.

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

Special thanks to:

Office of Human Resources Management and Incentive Awards Staff

Karen Jones
Michael R. Osver

Incentive Awards Program Officers of the Department

Vernell Dallis --- NOAA
Teresa Husemann --- Census
Charles McEnerney --- O/S
Chris Mondok --- PTO
Azalea Nunnally --- OIG
Michael Reskallah --- ITA
Marcia Robertson --- NIST

and their valuable assistants

U.S. Marine Brass Quintet
Armed Forces Color Guard
Office of Administrative Operations
Building Maintenance Division
Office of Security

Les Morris
25 52 Lanyon Dr.
Langmont, CO 80523

Mr. J

