69th

U.S. Department of the Interior

Honor Awards Convocation

Celebrating 165 years of DOI

Thursday May 8, 2014

Sidney R. Yates Auditorium, Main Interior Building

U.S. Department of the Interior
69th Honor Awards Convocation

Sidney R. Yates Auditorium
Stewart Lee Udall Department of the Interior Building

PROGRAM

MUSICAL PRELUDE	***Mary Josie Blanchard*** Office of Environmental Policy and Compliance
INTRODUCTIONS & NARRATOR	***Daniel DuBray*** Bureau of Reclamation
PRESENTATION OF COLORS	***U.S. Park Police Honor Guard***
THE NATIONAL ANTHEM	***Michellé Howard-Hanson*** Office of Facilities and Administrative Services
WELCOME	***Michael Connor*** Deputy Secretary
MOMENT OF SILENCE	***In Memory of Department Employees who Died in the Line of Duty***
CONGRATULATORY REMARKS	***Sally Jewell*** Secretary of the Interior
PRESENTATION OF AWARDS	***Occupational Health and Safety Awards*** ***Distinguished Service Awards*** ***Citizen's Awards for Bravery*** ***Valor Awards***
CLOSING REMARKS	***Sally Jewell*** Secretary of the Interior

Message From the Secretary

Welcome to the 69th U.S. Department of the Interior Honor Awards Convocation. It is my honor to recognize employees and private citizens who have made outstanding contributions to the Department and the United States of America.

The honorees come from different agencies, parts of the country, and backgrounds. They include a ranger in the National Park Service, a regional director in the U.S. Fish and Wildlife Service, a climatologist in the Arctic, an ecologist in the Everglades, and an editor in West Virginia, among many others.

Those we honor today have something in common – their service has been exceptional. Some protect our coastal wetlands while others protect the health and safety of their fellow workers. They monitor volcanic crises and mineral commodities around the world and stream gages in all 50 states at home. They have rescued swimmers caught in an undertow and drivers endangered by an avalanche on the road ahead. They are examples to us all of bravery and persistence.

As they manage our Nation's natural resources and cultural heritage, or explore our new energy frontier, they deserve our applause today. Congratulations to all of you receiving awards for demonstrating an extraordinary sense of public service. Thank you for advancing the missions of this Department and for your service to this Nation.

SALLY JEWELL
Secretary of the Interior

U.S. DEPARTMENT OF THE INTERIOR

MARCH 3, 1849

Employees of the Department of the Interior Who Died in the Line of Duty since the March 7, 2012, Honor Awards Convocation

Bureau of Indian Affairs

Anthony R. Polk
Paul Cook

Bureau of Land Management

Mark T. Urban

National Park Service

Charles L. Caha
Nicholas E. Hall

Bureau of Reclamation

Holger J. Jensen

Safety Awards

The Department of the Interior has a prestigious health and safety award: The Occupational Health and Safety Award of Excellence. This award recognizes the significant contributions made by individuals and groups who positively benefited health and safety within the Department.

This Award is the highest level occupational health and safety award granted by the Department and is presented by the Secretary of the Interior at the Honor Awards Convocation. The Occupational Health and Safety Award of Excellence recognizes individuals or groups that have performed an outstanding service for, or made a contribution of unusual value to, the occupational health and safety of employees, visitors, and volunteers. The accomplishments of those individuals or groups recognized by this award help establish a safe and healthful environment within the Department and builds a culture that will move the Department toward the goal of zero loss to human and material resources.

Occupational Health and Safety Award of Excellence Recipients

JENNIFER CORTEZ, TIFFANY DUVAL, JONI HYATT, JACQUELYNNE MEAD, AND SHEILA PERRY

Office of Natural Resources Revenue (ONRR) Safety, Health, and Security Committee

Every year, the ONRR Safety, Health, and Security Committee hosts a Safety Day event and continually educates their employees by providing ongoing presentations on topics such as influenza pandemic safety, flood insurance, burn safety, teen driving, and heart attack awareness.

AARON GARCÍA

U.S. Fish and Wildlife Service

As chair of the DOI Watercraft Safety Working Group, Mr. García advanced the group's efforts through collaboration with the National Oceanic and Atmospheric Administration, Scientific Boating Association, U.S. Coast Guard, universities, and state agencies. For his dedication to the continual improvement of DOI's Motorboat Operator Certification Course and his specialized watercraft courses work on airboat operations, river running, and open water operations, Mr. García is awarded the DOI Occupational Health and Safety Award of Excellence.

U.S. Geological Survey Group Award

CARMINE SCUDERO, GARY MAHON, HOWARD JELKS, KAYLA DAVID, KENNETH R. RICE, PAM SCHOFIELD, SANDY WOMBLE, WILLIAM "BUDDY" HYDE, AND RACHEL PAWLITZ

SOUTHEAST ECOLOGICAL SCIENCE CENTER
U.S. Geological Survey

This deserving group of USGS employees produced an innovative, entertaining, and professional safety training video which demonstrated some of the "do's and don'ts" for working safely in a number of risky work environments. Their video demonstrated some of the common risks encountered by their employees when working in a laboratory, machine shop, wet lab, and even when using a chainsaw or a fire extinguisher.

DONALD E. DENNERLINE
U.S. Geological Survey

Mr. Dennerline spearheaded the effort to develop and implement a new program-wide safety system that offered unprecedented capacity to document and track safety training compliance and provided invaluable data for safety budget planning at individual unit and national program levels. The system was favorably received and used extensively by field scientists who saw direct utility and benefit for their own programs. Due to the success of the system, the USGS is currently pursuing adoption of the system for the entire Bureau.

NOAH S. ADAMS
U.S. Geological Survey

As a Bureau Field Dive Officer, Mr. Adams worked closely with the National Park Service and U.S. Fish and Wildlife Service and authored the publication, "Procedures for Conducting Underwater Searches for Invasive Mussels (Dreissena sp.) U.S. Geological Survey Open-File Report 2010-1308," which heightened awareness for the need to follow underwater safety protocols while performing invasive mussel searches. Additionally, he hosted a workshop featuring demonstrations on survey techniques and procedures for the decontamination of dive gear and technical information on invasive mussel life-history. For Mr. Adams' dedication to occupational safety and health, he is awarded the DOI Occupational Health and Safety Award of Excellence.

PAUL R. HEINE

U.S. Geological Survey

Mr. Heine taught Motorboat Operator Certification Courses to dozens of students resulting in substantial savings in training costs to the Government. Mr. Heine spearheaded the Columbia Environmental Research Center Environmental Management Team, which enabled the Center to meet the ISO14001 standard. He managed the Center's environmental issues for waste water permits, disposal of hazardous materials, and also served as coordinator of chemical waste handling. For Mr. Heine's dedication to occupational safety and health, he is awarded the DOI Occupational Health and Safety Award of Excellence. Mr. Heine is receiving this award posthumously.

CLYDE SHOLAR

U.S. Geological Survey

As a safety professional, Mr. Sholar is responsible for operations and activities spanning 11 states and 17 Science Centers. He has affected tremendous advances in the Survey's Safety and Health program which includes the lowest injury rates in the Department and among the lowest throughout the entire Federal sector. He participated in several crucial safety and health workgroups, councils, and committees chartered to advance safeguards linked to the Survey's scientific mission.

Distinguished Service Award

The Distinguished Service Award is the highest honorary recognition an employee can receive within the Department of the Interior. It is granted for an outstanding contribution to science, outstanding skill or ability in the performance of duty, outstanding contribution made during an eminent career in the Department, or any other exceptional contribution to the public service. Recipients receive a special certificate and citation signed by the Secretary along with an engraved gold Distinguished Service Medal and a gold lapel pin.

Distinguished Service Award

Award Recipients

Bureau of Ocean Energy Management (BOEM)

Ellen G. Aronson
Fred R. King
Lynnette L. Vesco

Bureau of Reclamation (BOR)

Lorri J. Lee

U.S. Geological Survey (USGS)

Paul C. Banko
Kari J. Craun
Donald L. DeAngelis
John H. DeYoung, Jr.
Michael E. Field
Mark R. Fuller
Donald L. Gautier
John R. Gray
Linda C. Gundersen
Leslie Holland-Bartels
Dennis D. Lynch
Jack H. Medlin
W. David Menzie
Thomas L. Murray
John S. Pallister
Charles A. Peters
Susan M. Trapanese
Randall G. Updike
Robert L. Virta
Robert H. Webb
Ray E. Wells

Office of Surface Mining Reclamation & Enforcement (OSMRE)

Joseph L. Blackburn
Michael K. Robinson

U.S. Fish and Wildlife Service (FWS)

Margaret T. Kolar
Gregory E. Siekaniec
Robin L. West
Irene Teiko Saito
E. LaVerne Smith

National Park Service (NPS)

Maria Burks
Tim A. Hudson
Linda R. Meyers
Richard C. Powell
William E. Wellman
Steven G. Fancy
John F. Madigan
Howard G. Miller
Carol D. Shull
Edward D. Zahniser

Interior Business Center (IBC)

Michael A. Colburn

ELLEN G. ARONSON

Ms. Aronson has been at the forefront of implementing the 5-Year Outer Continental Shelf (OCS) Oil and Gas Leasing Program. She also led a diverse offshore energy portfolio in the Pacific and provided strong leadership as the Regional Director for (BOEM) Pacific OCS Region. Her contributions include helping set up the Tri-County Forum and Regional Technical Working Group amid strong opposition to offshore drilling; conserving oil and gas resources, along with financial assurances, for decommissioned platforms; establishing OCS renewable energy task forces; and helping create K-12 outreach programs, science-technology-engineering-mathematics fairs, stakeholder workshops, and environmental science programs developing information necessary for renewable energy.

FRED R. KING

Mr. King has been at the forefront of Alaska's offshore oil and gas leasing, environmental assessment, and science programs. He helped stabilize staff and management during the Bureau's transformation from the Minerals Management Service to the Bureau of Ocean Energy Management. During his career, he conducted 16 Alaska OCS lease sales including Chukchi Sea Sale 193, which was the most successful offshore lease sale in Alaska's history and resulted in more than $5.6 billion in deposits to the Treasury. Mr. King is highly regarded throughout BOEM and is consistently sought out for his expertise. Improving communication, coordination, and information exchange between agencies, as well as strengthening the Federal workforce, have been the hallmarks of Mr. King's highly successful career in Federal service.

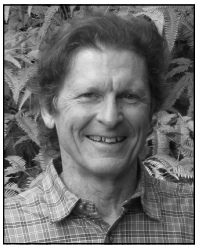
LYNNETTE L. VESCO

Ms. Vesco diligently oversaw the environmentally sound development of offshore oil and gas resources and the development and implementation of advanced progressive environmental policies. As Regional Supervisor of BOEM's Office of Environment, she managed a multimillion dollar scientific research program, a $25 million Coastal Impact Assistance Program, and a $1 billion industry financial responsibility program. One of the many hallmarks of Ms. Vesco's career has been her ability to provide steadfast leadership through program reorganizations, downsizing events, program shifts, and multiple office moves, all without sacrificing the quality or timeliness of work products. Ms. Vesco's leadership and persistence in nurturing the development of qualified staff, including many young scientific professionals, has enabled the Department to deal effectively with environmental issues now and in the years to come.

LORRI J. LEE

Ms. Lee, the Pacific Northwest Regional Director for the Bureau of Reclamation, oversees the safe, secure, and efficient operations of the Region's facilities and water conveyance systems, including the Hoover Dam. During her career she has worked with municipal water managers on the Yuma Desalting Plant pilot, led the formation and implementation of the historic Lower Colorado River Multi-Species Conservation Program, and has consistently led projects to completion ahead of schedule and under budget, including nearly $30 million refunded to the investors in Brock Reservoir. Ms. Lee excels in bringing multiple stakeholders, tribes, and states to a consensus resolving complex and controversial issues involving water management, power, land, and environmental resources in the Western United States.

PAUL C. BANKO



Dr. Banko started work as the leader of the Palila Restoration Project in 1996, the highest-profile endangered Hawaiian forest bird. Under his design and leadership, this project has produced the most comprehensive and long-term research on any Hawaiian forest bird. Led by Dr. Banko, the project has provided a scientific foundation for developing recovery strategies for the Palila as well as understanding the ecological dimensions of Hawaiian bird conservation. The final report from the Palila Restoration Project, published this year, provides a tremendous body of knowledge to inform key land management decisions about endangered species and game management on Federal, State, and private lands. Dr. Banko's exemplary leadership has earned him the respect of colleagues and students throughout the scientific discipline as well as the USGS and State and Federal partners.

KARI J. CRAUN

Ms. Craun's early work for the USGS included leadership of the Geometronics Standards Program of the National Mapping Division, Headquarters, which established the geodetic and survey standards for USGS maps and digital data. In the mid-2000s, she led the Center through a restructuring and was responsible for the re-engineering of the new organization into the highly successful National Geospatial Technical Operations Center (NGTOC). Under her leadership, the NGTOC went on to achieve a milestone that no other mapping program in any country has matched, the completion of more than 54,000 new, all-digital topographic maps

for the Nation in only 3 years. She also developed an extremely effective contract mechanism for acquisition of geospatial products and services, which has become a model program for contracting. These contracts have attracted tens of millions of dollars from other agencies, resulting in Government-wide efficiencies and infinitely more available geospatial data.

DONALD L. DEANGELIS

Dr. DeAngelis has applied his knowledge of theoretical ecology and mathematics to help develop the Across Trophic Level System Simulation (ATLSS) Program, which directs the formulation of spatially-explicit, individual-based models of fish and wildlife populations in the threatened Everglades ecosystem. As the Program Coordinator, he is directly involved in model development for the dispersal of fish communities in seasonally-flooded marshes, the snail kite population (a federally-listed species), coastal vegetation dynamics in response to sea level rise and hurricane storm surge, and a host of other ecosystem components. The ATLSS products and their application in the Comprehensive Everglades Restoration Plan represent a foundational example of how scientifically-based information may influence decision-making for the benefit of our Nation's natural systems and Dr. DeAngelis contributions to ecological theory and modeling applications are represented by his 4 books and 218 articles.

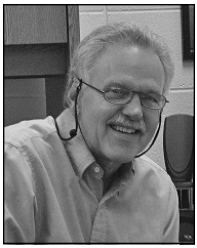
JOHN H. DEYOUNG, JR.

As Director of the USGS National Minerals Information Center, Mr. DeYoung oversaw the preparation of more than 700 reports per year, including Mineral Commodity Summaries, the Minerals Yearbook, and monthly and quarterly mineral commodity reports. He oversaw the successful transfer of minerals information activities to the USGS following the closure of the U.S. Bureau of Mines (USBM). He served on the Secretary of the Interior's Advisory Committee on Mining and Mineral Resources Research, the Policy Coordinating Committee for the Presidential Review of Nonfuel Minerals Policy, and was Executive Secretary of the International Strategic Minerals Inventory working group. Mr. DeYoung also undertook significant research on mineral issues and had more than 70 papers published in outside journals, symposia proceedings, and USGS publications.

MICHAEL E. FIELD

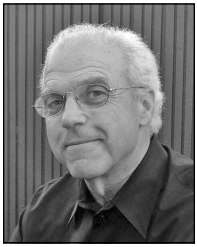
Dr. Field's 4 decade long career as a Geologist for the U.S. Government encompasses complex research that spans the globe from deep-sea fans to shallow coral reef environments. He pioneered the first effort to map the U.S. Exclusive Economic Zone (EEZ) in the Pacific Ocean. He conceptualized, led, and conducted creative studies of the morphology and sedimentology of continental shelf systems. He guided the evolution of a national program that defined major new research directions including important marine geologic hazard and environmental issues. As part of this, he spearheaded the USGS Coastal and Marine Geology Program's efforts to study the Nation's coral reefs, which solidified their role as a world leader in mapping, measuring, and modeling terrestrial sediment impacts to coral reefs. Dr. Field also established the USGS Pacific Science Center and made it a founding member of the Monterey Bay Research Crescent Ocean Research Consortium, which comprises 26 organizations and is the largest concentration of marine science educational and research institutions in the world.

MARK R. FULLER



Dr. Fuller's 35-year career with the Department of the Interior is marked by outstanding accomplishments in avian ecology, unparalleled leadership in raptor research, and commitment to science that supports resource management. He made significant contributions to the understanding and management of over 15 species of birds, including such species as spotted owls, peregrine falcons, golden eagles, and bald eagles. Dr. Fuller's study of avian prey revealed contaminant sources in the habitats of several species, which led to targeted cleanup of the organ chloride Dichlordiphenyldichloroethylene in the United States and a ban on the insecticide monocrotophos in Argentina. He played a major role in the creation of Boise State University Raptor Research Center, and has directed it since 1993. His pioneering efforts with raptor surveys provided a basis for safe, cost-effective use of fixed-wing aircrafts in bird research. Dr. Fuller was also an early leader in the use and development of satellite telemetry to document migration routes and habitats of birds, sometimes spanning multiple continents.

DONALD L. GAUTIER



The global economic and strategic impact of Dr. Gautier's scientific leadership in the implementation of the first publicly available petroleum resource estimate of the entire area north of the Arctic Circle is invaluable to the nations of the world. Dr. Gautier designed and directed the first comprehensive, geologically-based appraisal of undiscovered Arctic petroleum. This was a 7-year effort by Dr. Gautier, along with his team of USGS scientists, an international consortium of industry partners, and sister agencies from other Arctic nations which concluded that roughly 30 percent of the undiscovered natural gas and 13 percent of the undiscovered oil in the world may lie north of the Arctic Circle, mostly offshore and under less than 500 meters of water. The results were published in the prestigious journal, "Science" and Dr. Gautier and his team supported and augmented their findings with multiple scientific papers and maps.

JOHN R. GRAY

Mr. Gray is recognized throughout the USGS for decades of leadership and support in fluvial sediment science. His extraordinary record of identifying major sediment issues and opportunities as well as gathering and guiding scientists to combine expertise and craft solutions, has equipped people with extremely useful tools and programs. Mr. Gray has prepared briefings for Members of Congress and represented the USGS on numerous high-profile interagency committees including the World Association for Sedimentation and Erosion Research (founding member), the Advisory Committee for Water Information's Sedimentation Subcommittee, the International Research and Training Centre for Erosion and Sedimentation, the Federal Interagency Sedimentation Project, and the Bedload Research International Cooperative. He has coordinated and led key workshops including the International Bedload-Surrogate Monitoring Workshop, the Workshop on Sediment Technology for the 21st Century, the Workshop on Turbidity, and Other Sediment Surrogates, and many others. Mr. Gray has also authored numerous USGS publications and seminal journal articles on sediment-surrogate science, and contributed chapters on fluvial sediment monitoring to the American Society of Civil Engineer's Manual on Sedimentation and two recent textbooks.

LINDA C. GUNDERSEN

Ms. Gundersen's exemplary leadership has been pivotal to ensuring and enhancing the stewardship of science at the USGS and the Department of the Interior. In 2010, she led efforts to establish the Office of Science Quality and Integrity (OSQI). Through OSQI, Ms. Gundersen has enhanced education and employee development programs, ensured fair and consistent evaluations and rewarding of research scientists across the agency, and established policies and processes for high quality peer reviews and scientific product approvals. Today, OSQI serves as the focal point for monitoring and enhancing the integrity, quality, and health of all USGS science. Ms. Gundersen has also co-authored the Department's policy on Integrity of Scientific and Scholarly Activities and was recently appointed as the Chair of the American Geophysical Union's Task Force on Scientific Ethics. These accomplishments were only achieved because of Ms. Gundersen's unique blend of scientific expertise, determined leadership, untiring effort, and continuous commitment to excellence and to the excellence of science.

LESLIE HOLLAND-BARTELS

Throughout her career, Dr. Holland-Bartels has demonstrated outstanding scientific insight, technical knowledge, and leadership. Her innovative commitment to increasing the diversity of the USGS and Department of the Interior workforce is exemplary. In 2010, she was picked by the Secretary to co-lead the first comprehensive evaluation of the science needed to understand the resilience of Arctic ecosystems to the Outer Continental Shelf (OCS) oil and gas development, which was used to inform the Administration's national strategy for OCS energy development. Dr. Holland-Bartels also envisioned the 2013 Arctic Coastal and Ocean Sustainability Initiative that developed the strategies to allow the USGS to move forward on coastal community sustainability and critical ocean habitat assessment, improved energy assessments, ocean acidification forecasting, and better incorporation of indigenous knowledge into the science discussion, collaborating with the National Marine Fisheries Service and university partners. She also designed and led an international team of scientists to study the effects climate changes would have on the wildlife, ecosystems, and biodiversity in the Alaskan Arctic, which provided the information needed to add polar bears to the endangered species list in 2008.

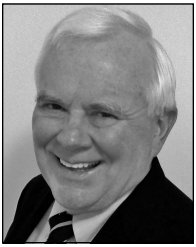
DENNIS D. LYNCH

While serving as Director of the Oregon Water Science Center, Mr. Lynch was chosen to lead the USGS on Klamath Basin science issues and was a key contributor to the USGS Upper Klamath Basin Science Plan. In 2009, Mr. Lynch oversaw the development of recommendations on whether the removal of four Klamath River dams would increase the sustainability of the basin's communities and natural resources. He developed and implemented the science and environmental review process, pulling together an expert team and successfully integrating issues such as sediment geomorphology, salmon population impacts, socio-economic impacts, and tribal trust implications. Mr. Lynch's deft management and mediation of this multi-faceted project was inspiring to colleagues and team members. Finally, he led the publication of 50 reports, the Overview Report, and release of the Final Environmental Impact Statement on Klamath Dam Removal. All of the research generated the scientific information critically needed to fully inform a Secretarial Determination.

JACK H. MEDLIN

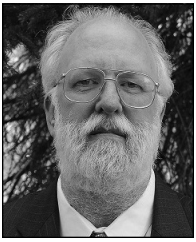
Over the past 30 years, Dr. Medlin has demonstrated outstanding skill in managing coal research, promoting cooperation among state and Federal science agencies, and leading international cooperative programs between the USGS and counterpart agencies in Indonesia and Afghanistan. He has broadened and strengthened methods of coal research, resulting in a more accurate assessment of national coal resources. Through improved relations with state geological surveys, he was able to develop significant advances in the efficient application of land use and hazards research. In the 1990s, Dr. Medlin oversaw the first modern assessment of fossil fuel resources in Indonesia. Dr. Medlin also managed a USGS resource assessment of Afghanistan on behalf of the U.S. Agency for International Development (USAID), and later for the United States Department of Defense (DOD), by designing a program that provided for the application of new technology, the first of their kind for Afghanistan, to supplement traditional field studies. Because of Dr. Medlin's outstanding leadership and diplomacy, USGS cooperative projects with the Department of State, DOD, and USAID continue to grow.

W. DAVID MENZIE



Dr. Menzie has served on Executive Branch interagency committees investigating critical materials, supply chains, and material flows, and has briefed senior State Department officials on potential supply-chain disruptions. His deposit-modeling research resulted in publications on several types of mineral deposits that have important roles in sustaining world mineral supplies of essential mineral commodities. He was the first to demonstrate regional differences in grade-tonnage models and the efficacy of spatial mineral deposit models for assessing undiscovered mineral deposits. He has provided expert testimony on the status and trends of China's production, consumption, and stockpiling of mineral resources to Federal agencies, Congress, and the U.S.-China Economic and Security Review Commission.
Dr. Menzie had a major role in developing the first national mineral-resource assessment which estimated the amount of gold, silver, copper, lead, and zinc that could be present in undiscovered mineral deposits. His leadership resulted in the establishment of four USGS Mineral Information Offices nationwide and the Center for Inter-American Mineral-Resource Investigations in Tucson, Arizona. He has also initiated three major mineral resource projects in Latin America, integrated the USGS Mineral Resources Data System with other geographic information system data sets, and, with the U.S. Bureau of Mines (USBM), developed links between USGS mineral resource assessments and USBM potential supply analyses.

THOMAS L. MURRAY



As Director of the USGS Volcano Science Center, Mr. Murray manages the 5 widely dispersed U.S. Volcano Observatories where teams monitor and evaluate changing conditions at approximately 70 U.S. volcanoes. He established the USGS California Volcano Observatory to better align Observatory activities state-wide. Mr. Murray gained experience during the 1980-1986 eruptions of Mount St. Helens and as a member of numerous joint USAID/USGS missions to volcanic crises in other countries. He led the expansion of real-time geophysical monitoring networks into the western Aleutians, where many active volcanoes pose serious ash-cloud hazards to aircraft. He guided a team through the eruptions of Augustine in 2006 and Redoubt in 2009 and their eruption warnings played a key role in minimizing the effects to people and environment. Mr. Murray even designed the first PC-based "mobile observatory" that collects and displays data during rapid responses and created an innovative seismic-data analysis tools for eruption forecasting. He also co-developed the framework for a National Volcano Early Warning System.

JOHN S. PALLISTER

Dr. Pallister is a volcanologist who has made significant contributions to the elucidation of magmatic systems, understanding of eruption processes, and mitigation of volcanic risk. He now serves as Chief of the Volcano Disaster and Assistance Program (VDAP), a joint effort by the USGS, USAID, and the Office of Foreign Disaster Assistance. During his career, Dr. Pallister worked to establish relationships among state geological surveys, universities, and the USGS to support and improve coverage of maps of the Nation. He championed the use of satellite-based remote sensing of international volcanoes in combination with geophysical monitoring to better forecast activity and address imminent threats. He developed a strong collaborative program between the Republic of Indonesia's Center for Volcanology and Geological Hazards Mitigation and the USGS which forecasted threats and, during the 2010 eruption of Merapi Volcano, saved between 10,000 and 20,000 lives.

CHARLES A. PETERS

Mr. Peters has served USGS for more than 3 decades with exceptional dedication to the Water Resources Mission Area. He advanced water programs as the Director of the Wisconsin Water Science Center and grew its portfolio to include over 100 projects with more than 70 strong partnerships. He oversaw a collaborative effort between the USGS Mercury Research Team and the Wisconsin State Lab of Hygiene to run a Multicollector-Inductively Coupled Plasma Mass Spectrometer. Mr. Peters established two new, successful enterprises, the Center for Integrated Data Analytics and the Wisconsin Internet Mapping Group, that pair data professionals with natural resource domain experts to enhance natural resource data storage and develop flood water mapping tools. Mr. Peters worked with the Agricultural Research Service (ARS) to establish a joint ARS-USGS Microbiology Laboratory. He also contributed significantly to the Great Lakes Restoration Initiative and the Lake Michigan Lakewide Management Plan that have resulted in numerous scientific findings supporting restoration efforts and have facilitated critical coordination between the various partners working to restore the Great Lakes.

SUSAN M. TRAPANESE

Ms. Trapanese has provided outstanding leadership in the management of the USGS National Water Information System (NWIS). She recognized the importance of a responsive data delivery mechanism and oversaw as NWIS expanded its capabilities through web services. These services allowed data to be exchanged in direct machine readable form which contributed to a proliferation of value-added services by other Federal agencies and commercial sector organizations. In 2010, these web services were utilized for the USGS signature product, WaterAlert, which provides alerts of water levels that allows for a more immediate and informed response to flood events. The NWIS has grown to a system that serves more than 30-million web requests per month. Ms. Trapanese's vision and capable management has refined a system that continuously improves on its ability to support DOI's mission of providing resource assessment and water information for the Nation.

RANDALL G. UPDIKE

Dr. Updike, Regional Director for the Southwest Region, has guided the USGS through transition and transformation while maintaining high morale and productivity. His concern for Native American issues helped provide support for research efforts on uranium mining waste materials and hydro fracking impacts on the Wind River Indian Reservation, an early warning rain gage network on the Cochiti Pueblo, and survey of legacy uranium mining issues on the Acoma Pueblo in New Mexico. Dr. Updike is a strong advocate for developing a robust and diverse workforce. He worked with the Wounded Warrior Program and last year over 10 percent of new employees in the Southwest Region were veterans. He established several student hiring initiatives to sponsor hiring minority undergraduate students. He also solicited and hired disadvantaged minority students in collaboration with the Denver and Albuquerque Offices of the Mayor. Dr. Updike's efforts were honored by being awarded Youth Summer Employer of the Year by the Denver Mayor's Office in 2012.

ROBERT L. VIRTA

Mr. Virta is an expert on asbestos, clays, talc, wollastonite, and zeolites. His knowledge of the domestic and international mineral industries for these mineral commodities has proved invaluable for use by public and private sector decision-makers to ensure the Nation has an adequate and dependable supply to meet its needs. Mr. Virta has written many reports that

are essential references for asbestos research. He has provided expert information relevant to public health issues involving asbestiform minerals and crystalline silica, including input to trade journals for their periodicals and chapters to encyclopedias and other reference publications. He prepares annual reviews of ball clay, fire clay, and kaolin for Mining Engineering and has written articles for Earth magazine on asbestos, clay and shale, and zeolites. Mr. Virta expanded his expertise into the area of rare earths, developing a method to gather and evaluate trade data on rare-earth compounds to estimate end-use patterns for 17 individual rare-earth elements for the Defense Logistics Agency's Annual Materials Plan. He prepared trade and consumption estimates of rare-earths for a 2011 Institute for Defense Analyses project and provided information on Chinese exports of rare earths for another Department of Defense project.

ROBERT H. WEBB

Dr. Robert H. Webb is an internationally renowned expert in arid-lands hydrology, geomorphology, and landscape ecology. His studies in the Grand Canyon provided much of the basis for the now common practice of using controlled floods from large dams to manage downstream habitat for plants and wildlife. Dr. Webb led multi-agency efforts, the Mojave Vulnerability and Recoverability of Desert Ecosystems Project and the Southwest Ground Water Resources Program. He contributed to habitat conservation plans in the Mojave and California Deserts, sited alternative energy development facilities in California, evaluated soil compaction from off-road vehicles, and assessed ecological effects of accelerated traffic by undocumented aliens along the Mexican border. His scientific expertise proved essential in a Department of Justice case that set legal precedent for wilderness areas by successfully maintaining road closures in Canyonlands National Park. Dr. Webb also maintains the world's largest archive of repeat photography that includes over 6,000 historical photographs.

RAY E. WELLS

Dr. Wells is internationally recognized as the foremost expert in the geologic and tectonic framework of the Pacific Northwest, where plate-tectonic forces threaten residents with earthquakes, volcanic eruptions, and tsunamis. His efforts have produced 145 maps, numerous state-of-the-art geophysical surveys, and a comprehensive framework for the Pacific Northwest. His most influential scientific contribution, a plate-tectonic model for the Pacific Northwest, set up the foundation for earthquake hazard assessments and earthquake scenarios, including the modernization of Portland and Seattle building codes and emergency action plans. In recent years, Dr. Wells'

research of subduction zones throughout the Circum Pacific now has the promise of predicting where the greatest shaking will occur during future Great Earthquakes. His model also provides NOAA a first-order classification of the potential for Great Earthquakes and tsunamis in western Pacific. It is his exemplary leadership and scientific expertise that have directly mitigated adverse consequences of earthquakes and tsunamis resulting in the saving of lives and property.

JOSEPH L. BLACKBURN

Mr. Blackburn is an original member of the Office of Surface Mining's group of Reclamation Specialists hired in April 1978. He developed and implemented many of the original inspection and enforcement procedures and management tracking systems used in the office and across the Bureau. Recognized for his leadership and management abilities, Mr. Blackburn led a team of professionals that brought to a halt the abuse of the practice of 2-acre mining exemptions. He also managed the oversight of the State's Applicant Violator System and supervised the permit and inspection/enforcement function for Federal Lands in Kentucky resulting in his promotion to Chief, Field Inspection and Support Group. Mr. Blackburn was selected to lead efforts in providing regulatory management support to the West Virginia Department of Energy during a time of when the regulatory program nearly collapsed. The creation of the "Local Inter-agency Coordination Agreement" by Mr. Blackburn, which brought various agencies and commercial groups together to develop an innovative approach for the coordinated release of Clean Water Act and Surface Mining Control and Reclamation Act permits for mine sites with valley fills, serves as the apex of his career. It reflects his ability to bring divergent groups together to protect the environment and better the lives of citizens living and working in the coal fields of Appalachia.

MICHAEL K. ROBINSON

Mr. Robinson's 34-year career with OSMRE is characterized by leadership, diligence, and achievement. He wrote the permanent program Surface Mining Control and Reclamation Act regulations on excess spoil disposal and coal waste facilities. He led technical teams on the analysis of actual and potential coal compensatory takings claims saving tens of millions of dollars from over-valued claims and unintended takings. He researched the appropriateness of testing durable rock material and drove the Bureau's development of regulatory policies on acid mine drainage, approximate original contour and backfill settlement. Mr. Robinson championed the Appalachian Clean Streams Initiative, Appalachian Region Reforestation Initiative, and Technical Innovation and Professional Services program, leading

an inter-agency team to prepare a 5-year study of surface mining and reclamation in the Appalachian coal fields. Mr. Robinson was instrumental in resolving issues held by highly divergent factions on such issues as protocol for protecting the endangered Indiana bat. He was also instrumental in the Bureau achieving diversity, youth initiative, equal employment opportunity, and merit principles.

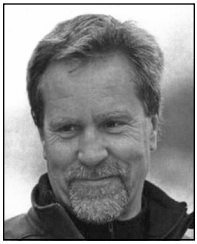
MARGARET T. KOLAR

Ms. Kolar's 40-year Federal career has been distinguished by her outstanding leadership and accomplishments. She has spearheaded the acquisition of salt ponds and their subsequent restoration into one of the largest coastal wetlands in the nation. She was instrumental in the transfer of over 3,300 acres on California's Skaggs Island, an involved process that took nearly 15 years to complete. She expanded urban youth environmental education through experiential learning which created one of the largest programs of its kind for the Refuge System. She has secured and managed water rights at refuges and the cumulative acquisition of over 44,000 acres of refuge wildlife habitat, including the recent 1,905-acre Hidden Valley Tract at San Diego National Wildlife Refuge. Ms. Kolar helped establish a Vision and Implementation Plan for the National Wildlife Refuge System (NWRS) and currently serves as the conference's Vision Chair of the National NWRS Community Partnership Implementation Team. She also oversaw the completion of the first comprehensive Inventory and Monitoring Program Needs Assessment in 2013, which will be used as a model within the Service to identify national priorities and opportunities.

IRENE TEIKO SAITO

Ms. Saito's expertise, creativity, selfless acts, and dedication to the FWS mission have played an active role in the success of the programs she has led. She managed a team whose work focused on providing conservation assistance to 75 imperiled species and the Service received special recognition for Ms. Saito's implementation of these programs. She aided in the implementation of the Semipostal Stamp Act and in generating support for the Multinational Species Funds for which the stamp was created. Ms. Saito strengthened the effectiveness of the imperiled species grants' program by adopting significant improvements in the review and selection process for awarding grants. Her expertise, contributions, knowledge, and leadership qualities are remarkable. Ms. Saito was the first Equal Employment Opportunity (EEO) Officer for the Alaska Region. She also served as the Deputy Chief of the Service's EEO Headquarters' Office.

GREGORY E. SIEKANIEC

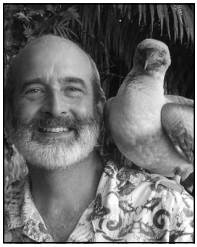


Mr. Siekaniec has demonstrated true professionalism and expertise in leadership, skill and ability as the Deputy Director for the Service. In addition, his efforts throughout his career have prepared the National Wildlife Refuge System to meet the challenges for the 21st century. Mr. Seikaniec oversaw the creation of a reinvigorated vision to guide the National Wildlife Refuge System for the next decade. He partnered with other national conservation organizations to restore island biodiversity and rid islands of destructive invasive species, such as foxes and rats, that had nearly eradicated native seabirds and other wildlife. Mr. Siekaniec's wide range of experience, expertise, and knowledge in a variety of areas from small to large construction projects, large-scale habitat restoration, law enforcement, wetland management, environmental cleanup, land acquisitions, the establishment of new refuges, and sensitive wilderness stewardship issues led to the success of many operations and projects during his tenure.

E. LAVERNE SMITH

Ms. Smith has served with distinction and made significant contributions on behalf of the Service's resources. Her outstanding leadership and insight created solid bridges to other programs and agencies, as well as to environmental and developmental communities. She led many national initiatives in conjunction with the Service's conservation partners. She has been instrumental in leading workforce planning, Climate Change, Landscape Conservation Cooperatives, as well as putting forth efforts to move towards priority and surrogate species management. She was instrumental in briefing the Secretary about the decision to list the polar bear as an endangered species. Ms. Smith was a key voice in national discussions that resulted in the creation of the Fisheries Strategic Plan, restructured parts of the budget, and refocused conservation efforts on habitat. As a result of Ms. Smith's outstanding leadership abilities, the Service has risen to new heights and is well prepared for the future.

ROBIN L. WEST



Mr. West has made significant contributions, demonstrated true professionalism, expertise, and outstanding leadership during his career with the Service. He has influenced management direction throughout by providing policy support, strategic thinking, innovation, and exemplary leadership in the Alaska and Pacific Regions. Mr. West's published works have resulted in changes in industrial practices for disposal and contaminated drill muds and cuttings at Prudhoe Bay, Alaska. He negotiated a "no impact" oil and gas exploration program for Yukon Flats National Wildlife Refuge; developed subsistence hunting regulations following a court-directed Federal takeover of subsistence uses on Federal land; and was instrumental in developing international waterfowl research efforts, while working internationally to amend the 1916 Migratory Bird Treaty. For 14 years, Mr. West managed the Kenai National Wildlife Refuge, one of the largest and most complex refuges, where he effectively addressed complex and controversial management issues including oil and gas development, reduction of bear-human conflicts, and commercial use limitation. Mr. West's mastery of issues associated with navigating numerous widespread parties and interests has distinguished his performance in identifying appropriate actions, resolving conflicts, quelling political concerns, and deploying resources appropriately.

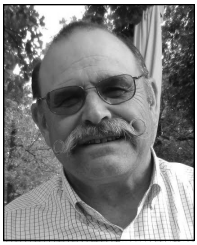
MARIA BURKS

Ms. Burks began her career at Independence National Historical Park in 1973, where she coordinated the events for the 1976 Bicentennial celebrations. During her career she has served as Lead Planner at Golden Gate National Recreation Area, Superintendent at Fredericksburg and Spotsylvania National Military Park, Facilitator of the organizational review of the National Park Service at the 1991 Vail Agenda, Superintendent at Cape Cod National Seashore, and, in 2004, was appointed as the first Commissioner of National Parks of New York Harbor. She has developed a visionary cooperative approach to public land management in urban areas, which today furthers the vision of President Obama's America's Great Outdoors initiative. In 2012, she facilitated an unprecedented agreement between the National Park Service and the City of New York to highlight features such as shared access points and connections, creative business plans, coordinated regional strategies for habitat restoration, and alternative energy generation strategies. She spearheaded key construction projects including the safety renovations at the Statue of Liberty National Monument and reopening of the crown to the public. Ms. Burks was also instrumental in coordinating the complex $14.5 million renovation, relocation, and reopening of the Hamilton Grange National Memorial.

STEVEN G. FANCY

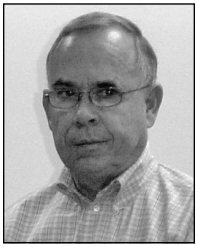
Dr. Fancy has been a leader in the development and implementation of the NPS Inventory and Monitoring Program, an unprecedented collaborative program that is the flagship of natural resource management in the NPS and a model for conservation outside of the United States. He guided more than 270 park units into 32 networks and led an interdisciplinary team in developing natural resource monitoring guidance and examples that are now used across the Nation by Federal, state, and local agencies. He was the driving force behind the concept and development of the Integrated Resource Management Applications (IRMA) Portal, a state-of-the-art information system that provides a common framework for the long term management of NPS information resources, which has empowered staff to search, view, and download information from multiple sources and systems. In 2011, the IRMA data system was recognized by the Department of the Interior as its signature initiative for improved customer service and for its efficient and effective delivery of scientific data resources. Dr. Fancy has worked tirelessly to design and promote a process to produce "State of the Park" reports, which summarize conditions of resources, visitor services, and infrastructure for each park.

TIM A. HUDSON



During his tenure at the Service, Mr. Hudson has demonstrated excellence in improving the strategic focus and business practices of the maintenance field. He championed the use of better data to guide the Service asset management and infrastructure investment decisions, including promoting the use of life-cycle cost analysis in the review of major capital investment projects. Mr. Hudson led the effort to use asset and work data from the facility management software system to determine project scope and priority. He has served as Chief of Maintenance at Yellowstone National Park and the Alaska Associate Regional Director for Operations. At Yellowstone, he developed a Park-wide road reconstruction and rehabilitation effort that led to increased visitor safety and led efforts to implement green maintenance operations. Mr. Hudson improved the quality of capital project requests transforming them into well-conceived and articulated proposals and worked with partners in private industry to introduce cost-models and standard designs for housing units in remote locations. Finally, while managing his region's American Recovery and Reinvestment Act of 2009, he deployed an interdisciplinary team management model which became the model within the Service.

JOHN F. MADIGAN

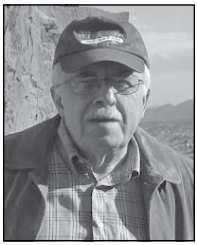


During the past 36 years, Mr. Madigan served in many different capacities such as Chief of Finance Integration, Deputy Manager of the Management Systems Team, and Deputy Chief Financial Officer for the NPS. He was instrumental in the conversion from manual financial systems to automated systems, and was the NPS representative for the conversion to the Financial and Business Management System. Mr. Madigan was responsible for system-generated processing and financial reporting to the Accounting Operations Center from 7 regional offices and represented the NPS as a member of the Department of the Interior's, Finance Officers' Partnership. Under his leadership, the NPS received 13 consecutive unqualified audit opinions, a remarkable accomplishment given the sheer quantity of park units within NPS. He was instrumental in creating the successful interface of labor, charge cards, third party drafts, fixed assets, Interior Department Electronic Acquisition System, e-Travel, and e-banking with the Federal Financial System. Mr. Madigan was also a key voice with Activity Based Cost Management reporting.

LINDA R. MEYERS

Ms. Meyers' expertise covers a wide range of print media and her efforts have established the highest standards of quality assurance for printing and publishing, while at the same time satisfying demands for efficiency and economy. Her efforts have contributed to an extraordinary body of work, meticulous organization of information, and methodical accounting of elements through the archiving of high quality pre-press, production, and post production of publication material for the Harpers Ferry Center. Ms. Meyers is renowned throughout the NPS for her attention to detail throughout the production process and has the ability to deconstruct complex concepts or intricate publishing problems and clearly articulate solutions. She has always responded rapidly to a wide variety of requests from colleagues, other divisions, regional offices, the NPS Director's office, agencies, parks, and the public at large. Her ability to always obtain the highest quality work has maintained a tradition of excellence that is a hallmark of the Harpers Ferry Center and a tribute to her skill and persistence.

HOWARD G. MILLER



Mr. Miller has worked with the National Park Service for over 47 years. While working with the Land Resources Division, he worked in mapping, applying knowledge of survey techniques and standards to the accuracy of land mapping for acquisition, and protecting the resources in the park units. As Mr. Miller's knowledge and expertise grew, he became Chief of the Land Resources National Program Center, and then Deputy Chief of the Land Resources Program for the Service. He is recognized by his peers as an expert in realty matters and has served as a key advisor to several Directors and Assistant Secretaries on realty issues, including doubling the park lands in Alaska, transferring land from the Bureau of Land Management, and the South Florida Ecosystem Restoration efforts. Mr. Miller has worked tirelessly over the past 5 years to ensure that there is a management succession strategy in place for the Land Resources Program and that the history of the Program is well documented as it moves forward.

RICHARD C. POWELL

For more than 48 years, Mr. Richard C. Powell has strived to protect the employees, guests, and resources of the National Park Service. He began his distinguished career in 1965 as a law enforcement ranger at Yosemite National Park and continued in assignments at Lassen Volcanic National Park and Death Valley National Park. During his time at Death Valley National Park, Mr. Powell tracked the perpetrators of an act of arson on Park property that resulted in the apprehension of Charles Manson and the "Manson Family." Mr. Powell continued his career at Sequoia and Kings Canyon National Parks where he discovered a passion for employee and visitor safety, and in 1980, became the Park's Safety Manager. He quickly earned a reputation as a proactive results-driven safety professional. In 1987, Mr. Powell was selected as the Rocky Mountain Region's Safety Manager. In his quest for personal and professional excellence, he completed a Graduate degree in Occupational Safety Management. Leaders within the NPS recognized Mr. Powell's leadership abilities and dogged efforts to promote safety, leading to his selection as the Chief, Risk Management Division.

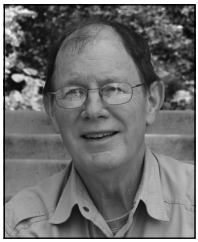
CAROL D. SHULL

During her career, which began in 1972, Ms. Shull has overseen the development of regulations that defined programs during their early years of development, broadened them to include sites representative of the diversity of our communities, and supported the efforts of other nations to establish similar national registers. Her vision of using the resources of the National Register as a basis for teaching and learning history led to the creation of the Teaching with Historic Places program and the Discover Our Shared Heritage Travel Itinerary Series, a partnership with the National Conference of State Historic Preservation Officers. Today, more than 140 on-line classroom-ready lesson plans, written in collaboration with scholars, educators, and interpreters, help tens of thousands of school children learn about history, social studies, and geography. Ms. Shull continues to be a tireless proponent for keeping history and preservation values alive and actively supports the NPS involvement in National History Day and inter-agency partnerships to promote service-learning at historic sites. In addition, since 2009 she has served as the Interim Keeper of the National Register, continuing to advocate for greater diversity in the National Register listings.

WILLIAM E. WELLMAN

Throughout a 43-year career in the NPS, Mr. Wellman worked diligently with fellow staff and partners to preserve and support a diverse cross section of parks across America generously sharing his time and experience, inspiring scores of NPS employees with his good humor, intent, and sense. Mr. Wellman has set an example for the NPS through his diplomatic efforts to preserve resources and the visitor experience while working with other Federal agencies to ensure national security along the border. He worked with Department of Homeland Security and Customs & Border Patrol at the Organ Pipe Cactus National Monument and Big Bend, enabling these Parks to maintain a balance between resource protection and increased border security. Mr. Wellman oversaw improvements in safety, wildland fire management, exotic species removal, and protection of the Park's "Dark Skies," a program that earned Big Bend National Park international accolades. He facilitated a meeting between the United States and Mexico and hosted the event where former Secretary of the Interior Ken Salazar and Secretary of Environment and Natural Resources Juan Elvira Quesada of Mexico signed the agreement to reopen Boquillas Crossing. Mr. Wellman displayed equal skill and expertise in park relations throughout his NPS career, putting into practice his belief that good stewards must "define, understand, and manage."

EDWARD D. ZAHNISER



Mr. Zahniser's innovative ideas and clarity of vision have been invaluable to the publication of numerous NPS brochures and handbooks. He has produced a multitude of texts and played a major role as reviewer, proofreader, and evaluator of brochures prepared by his publications colleagues, as well as been a frequent consultant to field staff with editorial questions. Mr. Zahniser has furthered the concept of consistent standards, a common language, and a discernible identity with which to effectively communicate the NPS messages. Mr. Zahniser also has an outstanding ability to deconstruct a project and ask thoughtful questions regarding the intended audience and primary themes. His most notable projects included NPS's Centennial Challenge; America's Great Outdoors Initiative; the NPS Accessibility Guidelines; and a highly acclaimed large-print brochure for low-vision visitors to the Chesapeake and Ohio Canal National Historical Park. Mr. Zahniser was the startup editor of the Department's first-ever all employee newsletter, "People, Land and Water." He has also spoken publicly at interagency wilderness training sessions, national wilderness conferences, and to state wilderness advocacy groups, colleges, and universities about wilderness and the history of protected natural areas in the United States.

MICHAEL A. COLBURN

Mr. Colburn has been an integral member of the Interior Business Center, formerly the National Business Center, for 24 years. Using innovative technical knowledge and skills, Mr. Colburn has led development and deployment of numerous human resource systems. Mr. Colburn led the implementation of the Workforce Transformation and Tracking System (WTTS), Entrance on Duty System (EODS), the HR System Integration Framework, and the Federal Personnel and Payroll System (FPPS), which is still the only fully integrated HR and payroll system in the Federal Government. Mr. Colburn also helped the Department in achieving significant cost savings through contract consolidations and creative technical solutions. Achieving significant efficiency gains, Mr. Colburn helped lead the elimination of manual key strokes and real time interfacing of transactional data and documents into the Electronic Official Personnel Folder system and Federal Personnel Payroll System which combined have saved the Department and American taxpayers in excess of $12.5 million.

Citizen's Award For Bravery

The Citizen's Award for Bravery is granted to private citizens for heroic acts or unusual bravery in the face of danger. Recipients have risked their lives to save the life of a Departmental employee or the life of any other person while on property owned by or entrusted to the Department of the Interior. A special certificate and citation signed by the Secretary is presented to each of the recipients.

Award Recipients

Nominated By National Park Service

Mark Allee
Richard B. Shatto
Christopher D. Scarbrough

MARK ALLEE

While hiking from the O'Shaughnessy Dam to the Wapama Falls Bridge in Yosemite National Park on June 29, 2011, Mr. Allee of the California Conservation Corps came across five hikers attempting to cross the bridge. The situation was tense as a rare June storm had dumped many inches in 14 hours causing water to flow at double the normal rate and plunging over the western end of the bridge. The first two hikers were immediately knocked to their knees in the current, and Mr. Allee climbed onto the bridge to help. Sadly, while he was getting into position, the first hiker was pulled under the lower rail of the bridge's handrail to his death. Mr. Allee then noticed the second victim get pulled beneath the lower rail while grabbing the rail in an attempt to hold on. Exposed to the full fury of the water's flow, Mr. Allee was able to disconnect the buckle on the hiker's backpack and belt which was immediately swept away by the swift current. Despite Mr. Allee's efforts, the exhausted hiker was pulled off of the lower rail by the current and did not survive. Mr. Allee displayed selfless courage that day attempting to save the lives of others.

RICHARD B. SHATTO

On September 26, 2011, Mr. Shatto, flying Yosemite Helicopter 551 for Kachina Aviation, responded to a report received by Yosemite Dispatch of an injured climber on the famous climbing route "The Nose" on EI Capitan in Yosemite National Park. The climber had fallen and, in the process, lost his thumb. Traditionally for a rescue this involves lowering a rescuer from the summit, then lowering the injured climber and rescuer to the ground. Instead, an advanced and experimental technique was used which involved establishing a tag line from the helicopter to the wall, which to this point had only been practiced but never employed. Mr. Shatto hovered the helicopter near the wall, allowing a spotter to throw a weighted ball to the climbers anchored on a small ledge. He then positioned the helicopter so that the rescuers, suspended by short haul, were level with the climbers. He also had to maintain a hover for several minutes in an area known for unpredictable winds. Once the rescuers were ready to evacuate the climber, Mr. Shatto slowly took up slack in the short haul lines allowing a rescuer and the victim to safely release from the wall. He then piloted the helicopter down where the injured climber was transferred to a waiting air ambulance. Later that evening, the injured climber underwent surgery and his thumb was successfully reattached.

CHRISTOPHER D. SCARBROUGH

Mr. Scarbrough, a volunteer with the Town of Townsend Fire Department, distinguished himself by taking decisive and courageous action on the evening of Sunday, December 11, 2011, when he assisted in the rescue of a motorist trapped within a partially-submerged vehicle in the middle of the Little River in Great Smoky Mountains National Park. Mr. Scarbrough responded to the scene where a pickup truck had driven off the road, over an embankment, and crashed into the Little River. The driver was barely conscious and trapped inside a crushed cab with 45 degree water up to his chest. The vehicle was approximately 3 feet from the shore and approximately 20 feet down a steep embankment. The River was much higher than normal and the vehicle was resting in the middle of a section of rapids. Upon his arrival, Mr. Scarbrough saw a park ranger was on top of the partially submerged vehicle, struggling to gain access to the driver. Mr. Scarbrough recognized that the ranger was in urgent need of assistance. Not knowing if the vehicle was stable or if the hood would provide a good landing, Mr. Scarbrough donned a life vest and helmet, climbed down the embankment, and jumped across the 3-foot section of swiftly moving water to land on the submerged hood of the vehicle. Working in the dark, he and the ranger attached a winch cable to the driver's door frame allowing rescue personnel on land to winch open the door against the strong force of the current. After much effort and continued exposure to risk, Mr. Scarbrough and the ranger freed the extremely hypothermic driver by cutting his seatbelt and pulling him onto the hood. The patient was then secured on a litter and raised to the road surface for transport to the hospital. He has subsequently fully recovered from his injuries. Firefighter Scarbrough put himself in danger by facing the very real possibility of losing his footing and falling into the dark, cold and fast-moving water. His swift action enabled the crash victim to promptly reach advanced medical care. Park officials believe that this immediate action likely saved the visitor's life.

Valor Awards

The Valor Award is presented to Department of the Interior employees who have demonstrated unusual courage involving a high degree of personal risk in the face of danger. The act of heroism is not required to be related to official duties or to have occurred at the official duty station. Recipients receive a citation signed by the Secretary and an engraved gold Valor Award Medal.

Valor Awards

Award Recipients

National Park Service

Margaret A. Anderson
Bradley A. Griest
Philip N. Johnson
Jessica Keller
Peter C. Maggio
Jeffrey A. Pirog
Bradley M. Ross
Eric D. Small
Craig Thexton
Jeffrey H. Webb
Jack J. Corrao
Don E. Hutson
Jeremie M. Johnston
Henry J. Lachowski
Therese Picard
David J. Pope
Danielle L. Sandoval

U.S. Fish and Wildlife Service

Robert Fortiz
Russell D. Haskett
Dustin M. Schelling
Dominique E. Watts
Todd Gallion
Adam S. Rawlinson
George E. Walters

MARGARET ANDERSON

On January 1, 2012, U.S. Park Ranger Margaret Anderson was shot and killed when she stopped a vehicle driving in Mount Rainier National Park. The driver evaded a mandatory chain-up area, refused to stop for pursuing rangers, and seemed to be intent on continuing up the road. It was determined that a high risk stop was necessary, which was successfully completed. Unfortunately, the driver had numerous weapons, ammunition, a ballistic vest, and had been involved in a shooting outside the Park. A shooting transpired and Ranger Anderson was mortally wounded.

JACK J. CORRAO
PHILIP N. JOHNSON

On the afternoon of August 23, 2011, a solo climber fell while attempting an ascent of Thunderbolt Peak, a 14,003 foot summit in the North Palisades section of Kings Canyon National Park. The climber suffered compound fractures in the lower leg and arm, a head injury, and was stranded on a narrow ledge that left him exposed and isolated. The Park staff received word of the accident early that evening but it was not until the morning of August 24 that the climber was located by helicopter. Unfortunately a helicopter evacuation was not an option due to high winds and limited clearance caused by the sheer rock walls above the climber. At that point, Park Rangers Philip N. Johnson and Jack J. Corrao volunteered to ascend the 1,300 foot sheer rock wall to reach the injured climber. Despite the danger of rock fall, extreme vertical exposure, and climbing an un-scouted route, Rangers Johnson and Corrao ascended the cliff. Once they reached the injured climber, they secured him to the rock wall and stabilized his injuries. While there the weather stabilized enough to attempt a helicopter evacuation. With night approaching, the rangers were able to perform a helicopter short haul rescue. The unattended patient was down and then taken to a hospital. The climber's survival is directly attributable to the rescue and medical care provided by Rangers Johnson and Corrao.

BRADLEY A. GRIEST

National Park Ranger Bradley A. Griest distinguished himself by taking decisive and courageous action on the evening of Sunday, December 11, 2011, when he rescued a motorist trapped within a partially submerged vehicle in the middle of the Little River in the Great Smoky Mountains National Park. Outfitted with only minimal tools, a life vest and a rudimentary safety line, Ranger Griest did not hesitate to climb down the 20 foot steep embankment and jump onto the

submerged hood of the car. The driver of the vehicle was barely conscious and trapped inside a crushed cab with 45 degree water up to the driver's chest. After a few minutes a volunteer firefighter arrived on scene and joined Ranger Griest on the vehicle. They used a winch cable to open the door against the strong force of the current and freed the hypothermic driver. The driver was then secured on a litter and raised to the road surface for transport to the hospital. Ranger Griest and his swift action enabled the crash victim to promptly reach advanced medical care. Park officials believe that this quick action likely saved the visitor's life.

DON E. HUTSON

On August 24, 2010, Chief Lifeguard Don E. Hutson was working at the Ocracoke Swim Beach in Cape Hatteras National Seashore. Ocean conditions that day were dangerous for swimming conditions. In the early afternoon, Mr. Hutson observed two swimmers caught in a rip current 150 yards north of the lifeguarded beach and about 100 yards out into the Atlantic Ocean. Running along the beach and battling through the currents and surf, Mr. Hutson made it out to the swimmers and immediately began securing the two subjects to a rescue buoy to tow them ashore. It was a herculean effort given the distance and surf conditions. Once back on shore, Mr. Hutson was advised of another situation about 200 yards from his location involving three swimmers. He responded right away and found that another lifeguard had stabilized the panicked and fatigued subjects on a rescue buoy. Mr. Hutson swam the first boy to shore, went back out, and swam the third subject in while the other lifeguard brought in the second one. All subjects were returned to shore exhausted but requiring no medical attention. All swims by Mr. Hutson required quick and decisive action, and extraordinary physical exertion in a dangerous ocean surf environment.

DANIELLE L. SANDOVAL
JEREMIE M. JOHNSTON

On July 11, 2011, Ms. Danielle L. Sandoval and Mr. Jeremie M. Johnston were driving to the site of a Youth Conservation Corps (YCC) trail project in Joshua Tree National Park and Ms. Sandoval noticed a puff of smoke on the horizon. Ms. Sandoval and Mr. Johnston investigated the source of smoke and discovered the site of a plane crash half a mile from an existing Park road. The pilot had been ejected from the plane but a brush fire impeded access to him. Ms. Sandoval immediately called dispatch to report the accident, moved everyone to a safe distance and then put out the fire between herself and the pilot. Ms. Sandoval and Mr. Johnston removed the pilot from danger, while Mr. Johnston administered first aid. The two asked the YCC members to help rescue workers get to the crash

site. The pilot was successfully evacuated from the wreckage and transported to a local hospital where he began recuperating. Without the quick and decisive response of Ms. Sandoval and Mr. Johnston, a life could have been lost in this accident.

JESSICA KELLER

On November 4, 2012, while engaged in a routine training dive utilizing rebreathers at Lake Mead National Recreation Area, newly trained rebreather diver Ms. Jessica A. Keller saved the life of her dive partner after his equipment malfunctioned causing a dangerous and ultimately toxic overabundance of oxygen to be injected into his breathing loop. Almost 30 minutes into their dive, Ms. Keller's partner experienced a full-body, oxygen-induced grand mal seizure that left him unconscious, not breathing, and without a mouthpiece in his mouth. Unable to replace the mouthpiece due to his clenched teeth and ongoing seizure, Ms. Keller continued implementing emergency protocols. At risk to herself, Ms. Keller executed a rapid emergency ascent with her partner to a depth of approximately 70 feet where she fully inflated his buoyancy control device and then released him unaccompanied to the surface. After doing what she could for her partner, Ms. Keller continued to assist in the rescue by indicating on her emergency diving slate the nature of her partner's problem, that she was okay, and that she would complete her required decompression, which allowed the surface team to focus efforts and resources on her partner. The follow-up action contributed substantially to the full recovery of her dive partner. If not for her skilled, purposeful, and rapid response to the diving accident, Ms. Keller's diving partner would have died.

HENRY J. LACHOWSKI

On the afternoon of August 5, 2012, Park Ranger Henry J. Lachowski was dispatched to Peterson Beach in Sleeping Bear Dunes National Lakeshore after a swimmer was reported missing in Lake Michigan. Using his binoculars, Ranger Lachowski located the missing victim floating face down in the water about 100 feet from shore. He swam towards the man but was unable to locate him in the rough water. Seconds after returning to the beach, the victim was spotted again, now about 50 feet off shore. With multiple visitors frantic on the shore, this time he was able to retrieve the unresponsive man. Personnel from Benzie County Emergency Medical Services and Ranger Lachowski performed CPR and advanced life support on the victim but were unable to revive him. Due to Ranger Lachowski's quick thinking, bravery, and rescue skills, every effort was made to save a life and no one else was injured.

PETER C. MAGGIO

On June 5, 2010, Ranger Peter C. Maggio responded to an incident in which the driver of a sport utility vehicle fell asleep at the wheel, driving off the Nisqually River road, down a 40-foot embankment, and coming to rest upside down in roughly 4 feet of fast moving water of glacier-fed Nisqually River. The rear window was broken and the driver was pinned in both by the force of the water and his seatbelt making it difficult to keep his head above water. Ranger Maggio secured a rope around one of the pillars of the vehicle, donned personal protective gear, and entered the missing rear window. He struggled against the force of the river to release the driver's seat belt and, after several attempts to locate the seat belt release under water, successfully cut the seat belt away. After that he calmly coached the driver to submerge completely and navigated his way out of the passenger door. With the assistance of bystanders, the driver was taken across the river and up to the road, where he was treated for hypothermia and eventually released.

CRAIG THEXTON
THERESE PICARD

On the evening of April 30, 2010, Zion National Park dispatch received a report of a canyoneer in distress as one in their party had lost control while rappelling, was hanging upside down, and falling out of his harness. Rangers Craig Thexton and Therese Picard were part of the team that responded to the emergency. The team rigged a lowering system and a belay line and lowered Thexton and Picard 200 feet down a cliff wall to the distressed canyoneer. Thankfully, the distressed canyoneer had wrapped the rappel rope around his body several times but was getting weak and concerned about being able to hold onto it much longer. Rangers Thexton and Picard then wrapped webbing around the victim to create a harness. They got the distressed canyoneer up to a point where other rangers used a mechanical pulley system to haul all three to safety. Because of their rapid response, the individual did not suffer any long term injuries as a result of the incident.

JEFFREY A. PIROG
DAVID J. POPE
ERIC D. SMALL
JEFFREY H. WEBB

On September 26, 2011, Yosemite Dispatch received a report of an injured climber about two-thirds of the way up the famous climbing route "The Nose" on EI Capitan in Yosemite National Park. The climber had suffered a fall, which resulted in the amputation of his thumb. With the traditional rescue taking many hours, and darkness coming, the rescuers employed an advanced and experimental technique that involves establishing a tag line from a helicopter to the wall. This technique, while practiced but never before employed in an actual rescue, required long hover times by the pilot and rescuers are suspended below the helicopter by short haul lines and work in an extremely exposed and dynamic environment. During the operation, Jeff Pirog, Yosemite assistant Helitrack foreman, rigged the tag lines on board the helicopter and monitored tail and rotor clearances while the helicopter hovered in close proximity to the wall. Park Rangers Jeff Webb and David Pope were suspended under the helicopter by short haul. Once the tag line was established, it was dropped down to Mr. Webb and Mr. Pope. They used the tag line to pull themselves over to the wall, anchor, and prepare the injured climber to be evacuated. While anchored to the wall, they worked in an extremely tight space with the helicopter hovering less than 150 feet away. When they were ready, Mr. Pope and the injured climber were released from the wall and onto the short haul system. The helicopter returned to EI Capitan Meadow where the injured climber and his amputated thumb were transferred to an air ambulance and later that night the injured climber's thumb was successfully reattached. Mr. Webb remained on the wall with the injured climber's partner and the two were evacuated the next morning.

BRADLEY M. ROSS

On May 11, 2011, Ranger Bradley M. Ross witnessed a significant avalanche pour onto the roadway creating a 30 foot high debris field. Concerned about potential buried victims, Ranger Ross quickly began a search for survivors. Recognizing additional threats developing, Ranger Ross moved quickly across the debris, urgently directing 25 vehicles with visitors out of the danger zone. Soon after, another avalanche released above where Ranger Ross had evacuated visitors only moments before, including his own truck. Ranger Ross decision to evacuate visitors from the hazardous area prevented serious, if not fatal, consequences as a total of 4 large avalanches released within a 20 minute period. During this time, Ranger Ross coordinated responding units, initiated road closure, and

cleared visitors from the danger zone, all while putting himself in harm's way. Ranger Ross' situational awareness, experience, and judgment paid off fast in the safe zone he had identified. In a characteristic show of modesty and resilience Ranger Ross commented, "I wasn't always comfortable being there, but I feel like I had a front row seat to something really dangerous." Ranger Ross held fast to the principles of emergency response, took calculated risks to provide for the safety of visitors, and remained steadfast during a life threatening situation.

ROBERT FORTIZ

On October 12, 2010, Robert Fortiz, a Federal Wildlife Officer, was first on scene of a motor vehicle accident on Arivaca Road in Arivaca, Arizona. Upon his arrival, Officer Fortiz discovered a rolled vehicle in the middle of the roadway on the downhill side of a curve on a winding road making it at risk of being struck by an oncoming vehicle. Without hesitation, Officer Fortiz risked his own life and climbed inside the flipped vehicle in order to rescue the occupants. Inside the vehicle was an adult female struggling to get out and a young child trapped in his car seat, hanging upside down. Unable to unbuckle the child's seatbelt, he physically cut the seatbelt and got the child out to safety. His quick thinking, tremendous courage, and willingness to put his life at risk saved two lives.

TODD GALLION

On June 1, 2013, at approximately 2:25 p.m., U.S. Fish and Wildlife Officer Todd Gallion and a Service park ranger, received and responded to a call reporting a capsized canoe on Lake Ilo at the Lake Ilo National Wildlife Refuge. Mr. Gallion and the ranger located the capsized canoe and its two occupants. One victim was still clinging to the canoe while the other was unable to keep his grip and was drifting away. They had been in the water for roughly 45 minutes and Officer Gallion could tell that hypothermia was starting to set in. He quickly entered the water and pulled the men to safety. Once on shore, neither men could walk due to hypothermia. One was taken to the hospital and the other was taken home per the man's request.

RUSSELL D. HASKETT

On the morning of December 1, 2012, two duck hunters overturned their canoe into the frigid waters of the Snake River in Power County, Idaho. High winds and cold water prevented the hunters from escaping the River's current. The Power County Sheriff's Department was notified and all available emergency response personnel were dispatched immediately. Federal Wildlife Officer

Russell D. Haskett promptly responded. Without hesitation, he charged into the frigid waters. Using only a stick and a chord, he was able to get a makeshift lifeline to the victims. He pulled both victims to shore and both were suffering from extreme hypothermia, one being unresponsive. Officer Haskett, and other members of the hunting party, acted quickly to dry off and warm the victims. Both victims were transported to the hospital, where one was listed in critical condition with a body temperature of 85 degrees Fahrenheit. Both survived and eventually made a full recovery. Without the quick response and bravery shown by Officer Haskett, the men most certainly would have drowned or succumbed to hypothermia.

ADAM S. RAWLINSON
DUSTIN M. SCHELLING

On December 20, 2012, the Williamson County, Illinois Sheriff's Office contacted the Crab Orchard National Wildlife Refuge to assist in locating four waterfowl hunters whose boat had overturned on Crab Orchard Lake during high winds. Bureau of Land Management Law Enforcement Officers Dustin M. Schelling and Adam S. Rawlinson responded immediately to the call, even though the exact location of the distressed hunters was uncertain and conditions consisted of wind gusts that exceeded 50 mph, overlapping high waves, and freezing temperatures. Nevertheless, at great personal risk, the officers navigated their patrol boat in these difficult conditions and located the hunters near the center of the Lake. All four hunters were in the water and clinging onto their overturned and nearly submerged boat. Officer Rawlinson was able to maneuver the patrol boat safely alongside the hunters despite the extreme weather conditions and Officer Schelling was then able to pull all four hunters from the water. All were immediately transported to the other side of the lake to await the paramedics' arrival. As a result of exposure to high winds and extremely cold water temperatures, the four hunters all developed symptoms of shock and hypothermia and were treated and released by emergency personnel. Without the quick response and bravery shown by Officers Schelling and Rawlinson, the four hunters most certainly would have succumbed to the elements and drowned.

GEORGE E. WALTERS

At approximately 2:30 p.m., on April 15, 2011, a mayday call was broadcast by Yukon Delta National Wildlife Refuge pilot George E. Walters that his DH-2 Beaver (N720) plane had experienced a catastrophic engine failure. The incident location was between Kigigak Island and Baird Inlet on Alaska's west coast.

U.S. Fish and Wildlife Service employees, Robert Sundown and Earl Samuelson, were in the area on Kigigak Island and immediately responded to the incident. All three men were extracted and were back safely to the refuge's operational base in Bethel, Alaska, within 3 hours of the mayday call. Using his years of knowledge and experience, Mr. Walters had prepared field staff for emergency conditions, enacted immediate radio communications, and conducted a pre-flight briefing to ensure his passengers were prepared for any situation that might arise. When the worst happened, Mr. Walters used his experience and exhibited exceptional piloting skills. His quick thinking prevented the plane being damaged and reduced the length of time needed to perform a rescue operation on Bering Sea Island. As a result of Mr. Walters' decision to fly at a higher altitude, he had time to select a location to safely land the plane. These factors, along with his extraordinary piloting skills and his ability to dead-stick the fully loaded plane, ensured a safe landing and saved the lives of three FWS employees.

DOMINIQUE E. WATTS

On March 16, 2013, at approximately 4:00 a.m., Mr. Dominique E. Watts, a Refuge Biologist at Alaska Peninsula and Becharof National Wildlife Refuges, awoke on the second floor of one half of a refuge duplex house to find his back porch and wall area in flames. He called 911 to report the house fire and used the fire extinguisher to attempt to put out the flames. He also located a small propane tank on the porch and tossed the tank away from the fire to prevent an explosion, injuring his hands and foot in the process. Mr. Watts then quickly exited his home without winter clothing to confirm that his duplex neighbor, another Refuge Biologist, knew about the fire. Unfortunately, the fire alarm system had failed to operate and when he was unable to locate his neighbor outside, ran to the house. Through the darkness and smoke he found Mr. Britton asleep in his bed, got him up, and both were able to get out safely. Without the quick response and bravery shown by Mr. Watts, Mr. Britton would most certainly have been severely injured or possibly died from smoke inhalation or the fire.

Secretary's Award for Outstanding Contribution to Aviation Safety

The Secretary's Award for Outstanding Contribution to Aviation Safety award is established to recognize an individual, group, or organization for outstanding contribution to aviation safety or aircraft accident prevention within DOI.

Award Recipients

National Park Service

Mike Ebersole
Reynold (Renny) G. Jackson

Office of Aviation Services

Stephen Victor Rauch

REYNOLD (RENNY) G. JACKSON

Ranger Reynold "Renny" Jackson's National Park Service career spanned 36 years and epitomized the term "Rangering." For over 25 years, Ranger Jackson has been involved with the Park Service's Short Haul Program. His expertise and leadership has made Ranger Jackson synonymous with Short Haul both nationally and internationally.

As an original member of the short-haul program at Grand Teton National Park in 1985, Ranger Jackson was one of the rangers who participated in the first short-haul rescue on Mt. Moran on July 14, 1986. In April 1991, he was one of the original climbing rangers in the Denali National Park short-haul program. A month later, on May 15, 1991, he participated in the first rescue using short-haul techniques at Denali. He also holds the distinction as the first ranger to be short-hauled to 18,000 ft. Ranger Jackson has participated as a member and chair of the National Short-Haul Committee and has contributed extensively to the policies and procedures set forth in the Short-Haul Handbook. Of his many program improvements, Ranger Jackson adapted the short-haul 3-ring emergency release system to the Teton contract helicopter and initiated independent stress testing of equipment to validate manufacturer data. He was also one of the original proponents of the Short-Haul Escape (SHAPE) Emergency Parachute System, a safety device that is currently in use in Law Enforcement Short-Haul programs. Ranger Jackson is an author of guidebooks and is an internationally recognized Mountaineer and Search and Rescue specialist. He is a recipient of numerous DOI Unit Citations, Exemplary Act Awards, and the Department of Interior's Valor award.

STEPHEN VICTOR RAUCH

Since joining the Office of Aircraft Services in 1999, Mr. Stephen V. Rauch has been instrumental in the successful achievement of many of the Office of Aviation Service's goals. His commitment to aviation safety was prevalent throughout his accident investigations and training presentations which ultimately contributed to improving the safety standards of the Department of the Interior's aviation programs. Mr. Rauch has consistently utilized his vast operational and academic experience in extracting factual information to determine the contributing factors of each of the 77 mishap investigations he led as a DOI Investigator in Charge (IIC), often able to identify and isolate all of the programmatic weaknesses that led to the event regardless of its severity. Mr. Rauch is enthusiastically dedicated to teaching others and this is perhaps one of his greatest impacts on the Department's aviation safety culture. A skilled speaker and educator, he drew large audiences

to his aviation mishap reviews, as well as his lectures on risk mitigation, crew resource management, human factors, and other related topics. He is highly adept at transferring significant amounts of knowledge to his students in ways they could relate thus amplifying his impact. Some of his other significant contributions include his participation in the transition from a paper Aviation Safety Communiqué (SAFECOM) hazard reporting system to a web based tool that ultimately provided the Department with invaluable data that benefited the entire aviation community. Mr. Rauch's improvements to the Interagency Aviation Mishap Response Guide serve as a model for other Federal and civil agencies.

MIKE EBERSOLE

Mr. Mike Ebersole led a very large interagency aviation program encompassing three exclusive use helicopters and one fleet fixed-wing aircraft. This also included specialty programs with a broader mission profile than most single aviation units within the entire Department. During his 36 years of service, Mr. Ebersole has been an interpreter, a Ranger, a Ranger/Pilot, an Aviation Manager/Pilot, and the only Interagency Aviation Manager within the entire Department of the Interior (DOI). Mr. Ebersole was instrumental in important policy changes that had far reaching impact throughout the United States and international communities. Mr. Ebersole's early innovative strategies for discovering a quieter means of aircraft access to park vistas included trials of lighter than air aircraft, balloons, and ultralights planes. Mr. Ebersole also developed a comprehensive internal aviation management plan for the Grand Canyon National Park in addition to leading and developing Department-wide aviation policies and procedures. His tireless and meticulous efforts in working with the FAA, military airspace/range councils, commercial and private pilot organizations, and interagency partners were widely lauded as the example for others to benchmark. As the National Park Service (NPS) representative to the IFP, Mr. Ebersole also served as the Incident Commander of the NPS Exhibits Team, and the IFP Aircraft Coordinator.
For more than 30 years, Mr. Ebersole has been a licensed fixed wing pilot with commercial privileges including Lighter than Air, Single Engine Land, Single Engine Sea, and advanced Ground Instructor ratings.

Meritorious Service Award

The Meritorious Service Award is the second highest honorary recognition granted to employees in the Department of the Interior. It is presented for an important contribution to science or management, a notable career, superior service in administration or in the execution of duties, or initiative in devising new and improved work methods, and procedures. A special certificate and citation signed by the Secretary, as well as an engraved silver Meritorious Service Medal and silver lapel pin are presented to recipients by their Bureau or Office head. These are the recipients who have been honored since the last Departmental Honor Awards Convocation on March 7, 2012.

Award Recipients

Office of the Secretary

Donald J. Bieniewicz
Michael J. Johnston
Glenn F. Smith
Gary L. Van Horn
Grace Cleckley
Douglas L. Mutter
Stephen R. Spencer

Bureau of Safety & Environmental Enforcement

George F. Triebsch

Bureau of Ocean Energy Management

Kim F. Coffman
Peter F. Harrison
Sam J. Fraser
Jane A. Roberts

U.S. Fish and Wildlife Service

Matthew D. Baun
Ken S. Berg
Donald Gober
Charles E. Hebert
Brian Kelly
Cynthia Martinez
Russell M. Oats
Bernard L. Perez
Robert C. Belden
Douglas Gentile
John B. Hamilton
Christopher P. Jensen
Roy W. Lowe III
Estyn R. Mead
Robert Pace
George A. Phocas

Theresa E. Rabot
Larry R. Salata
Susan L. White
Nan H. Rollison
Jean E. Takekawa

U.S. Geological Survey

George Arcement
Michael Benson
Larry R. Bohman
Mehmet Celebi
B. Arlene Compher
Gregory Desmond
Susan Finger
Robert Fleck
Marianne Guffanti
Robert Hainly
Jennifer Harden
Pamela Haverland
James Hines
Kevin Kenow
Victoria Langenheim
William Leith
Gregory Meeker
Wayne Miller
Pamela Pietz
Christopher Potter
William Rambo
William Ian Ridley
Graham Smith
Robert Striegl
Joanne Taylor
John Townshend
John Vaccaro
Jess Weaver
Janet Arneson
John Karl Böhlke
Leon Carl
David Clark
Frank D'Erchia
Ned Euliss
Edward Fischer
Kathleen Gohn
Barbara Gunderson
Stephen Hammond
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James Lienkaemper
Stephen Ludington
David Miller
David Ozman
Loretta Pope
Catherine Puckett
Bonnie Ridgeway
Brian Sherrod
Kathi Stone
Kent Swanjord
Charles Thompson, Jr
Pui-Kwan Tse
Jean Weaver
William Werkheiser

Richard Whitman
John Whitney
Paul Young
Michael Zientek

Office of Surface Mining Reclamation & Enforcement

Daniel Schrum
Dennis Boyles
Thomas Koppe
Sheila Hartless

Bureau of Reclamation

Roseann C. Gonzales
Lowell D. Pimley
William D. Gray
Frederick L. Nibling, Jr
Joan M. Ward

National Park Service

Ted Birkedal
Scott Wanek
Margaret G. O'Dell
John R. Quinley
H. Bryan Mitchell
Lynn Black
Dr. William L. Jackson
Gregory P. "Skip" Brooks
Dennis R. Reidenbach
Gary E. Pollock
James Vekasi
Gordon H. Wissinger

Bureau of Land Management

Philip A. Allard

Interior Business Center

Samuel Doutrich, III

The Star-Spangled Banner

Text: Francis Scott Key 1814
Music: John Stafford Smith

Oh say, can you see, by the dawn's early light,
What so proudly we hailed at the twilight's last gleaming,
Whose broad stripes and bright stars, through the perilous fight,
O'er the ramparts we watched, were so gallantly streaming?
And the rockets' red glare, the bombs bursting in air,
Gave proof thru the night that our flag was still there.
Oh say, does that star-spangled banner yet wave
O'er the land of the free and the home of the brave?

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Tanalian Falls, Lake Clark National Park & Preserve