



Vice Admiral Joe Dyer USN, (Ret)

- Aerospace Safety Advisory Panel Chair
- Executive VP/General Manager, Military Government & Industrial Division, iRobot Corporation
- Former Commander, Naval Air Systems Command

Vice Admiral Joseph W. Dyer was commissioned through the Aviation Reserve Officer Candidate Program following graduation from North Carolina State University with a bachelor of science degree in chemical engineering. He subsequently earned a master of science degree in financial management from the Naval Post Graduate School, Monterey, CA. He received his wings in March 1971, and was selected as one of the first "Nuggets" (first tour aviators) to fly the Mach 2, RA-5C *Vigilante*. He flew nationally tasked reconnaissance missions in both the eastern and western hemispheres.

From April 1991 to December 1993, he was the Navy's chief test pilot. January 1994 to April 1997, he served as F/A-18 program manager leading the engineering and manufacturing development (E&MD) effort on the new F/A-18E/F, the continued production and fleet support of the F/A-18C/D and all F/A-18 foreign military sales. The F/A-18 program won the Department of Defense Acquisition Excellence Award and the Order of Daedalian during this period. Admiral Dyer was assigned as the Commander, Naval Air Warfare Center Aircraft Division, Patuxent River, in July 1997 and one month later assumed additional responsibilities as the Naval Air Systems Command, Assistant Commander for Research and Engineering. In June 2000, he was assigned as the Commander, Naval Air Systems Command.

Admiral Dyer is executive vice president and general manager of the iRobot Corporation's Military Government & Industrial Division. In this position, he works closely with the U.S. Department of Defense to develop reconnaissance robots that will change the way wars are fought in the future.



Dr. Amy Donahue

- Assistant Professor of Public Administration at the University of Connecticut Department of Public Policy
- Former Member of the NASA Stafford-Covey Return to Flight Task Group

Dr. Amy K. Donahue is assistant professor of public policy at the University of Connecticut, where she teaches in the master of public administration and master of survey research programs. Her research focuses on the productivity of emergency services organizations and on the nature of citizen demand for public safety services. She is author of published work about the design, management, and finance of fire departments and other public agencies. For the past two years, Dr. Donahue has served as a technical advisor to the Department of Homeland Security's Science and Technology Directorate, helping to develop research and development programs to meet the technological needs of emergency responders. From 2002-2004, Dr. Donahue served as senior advisor to the Administrator for Homeland Security at the National Aeronautics and Space Administration (NASA). She was the agency's liaison to the Department of Homeland Security and the Homeland Security Council and identified opportunities for NASA to contribute to homeland security efforts across government. In 2003, Dr. Donahue spent three months in Texas helping manage the Columbia recovery operation, an intergovernmental response that involved 450 organizations and 25,000 responders. Prior to her affiliation to the University of Connecticut, Dr. Donahue was a senior research associate at the Alan K. Campbell Public Affairs Institute at Syracuse University. She also has many years of training and field experience in an array of emergency services-

related fields, including managing a 911 communications center, and working as a firefighter and emergency medical technician in Fairbanks, Alaska and upstate New York. As a Distinguished Military Graduate of Princeton's Reserve Officer Training Corps, she served in the U.S. Army on active duty for four years in the 6th Infantry Division, rising to the rank of Captain. Dr. Donahue holds her Ph.D. in public administration and her M.P.A. from the Maxwell School of Citizenship and Public Affairs at Syracuse University. Her B.A. from Princeton University is in geological and geophysical sciences.



Ms. Deborah Grubbe, P.E.

- Former consultant, Columbia Accident Investigation Board
- Vice President – Group Safety; BP p.l.c.
- DuPont Corporate Director – Safety and Health (retired)

Ms. Deborah L. Grubbe is vice president – Group Safety, for BP plc. Based in London, she is accountable for providing global safety leadership in all business areas; exploration and production, refining and marketing, gas, solar, and renewables. Formerly, Deborah was employed by DuPont in Wilmington Delaware, USA, where she held corporate director positions in safety, operations, and engineering. Her many assignments have included capital project implementation, strategic safety assessments, manufacturing, management, and human resources.

Deborah received a bachelor of science degree in chemical engineering from Purdue University and was a Winston Churchill Fellow at the University of Cambridge, England. She is the former co-chair of the Benchmarking and Metrics Committee of the Construction Industry Institute, and is vice chair of the National Institute of Standards and Technology Visiting Committee on Advanced Technology. As part of the National Research Council, she has also advised the US Army on the demilitarization of the US chemical weapons stockpile. In 2002, Ms. Grubbe was honored as Engineer of the Year in the State of Delaware.



Mr. John Marshall

- Independent Aviation Consultant
- Former Delta Airlines, Vice President Corporate Safety and Compliance

Mr. John C. Marshall is an independent aviation consultant who formerly was vice president - Corporate Safety and Compliance for Delta Air Lines. Mr. Marshall had responsibility for six departments at Delta, including Flight Safety, Industrial Safety, Environmental Services, Emergency Planning and Operations, Safety Analysis and Quality Assurance, and Security. Inherent in these organizations are FAA, DOT, DoD, OSHA, EPA, TSA, and DHS compliance-driven programs for accident prevention, accident investigations, accident response, and a wide range of security programs. He also has collateral responsibilities for integrating safety, compliance, and security programs for Delta's wholly-owned subsidiaries including Comair, Atlantic Southeast Airlines, Delta Global Services, and Delta Technologies, into Delta's mainstream programs. Under his leadership, Delta routinely was recognized for industry-leading programs focused on reducing aircraft mishaps, employee injuries, and aircraft ground damages,

while enhancing environmental compliance programs and fostering the highest standards of security for world-wide commercial airline operations.

Mr. Marshall recently served as the industry co-chair of the Commercial Aviation Safety Team (CAST). CAST is a joint industry-government program to develop and implement an integrated, data-driven strategy to reduce the U.S. commercial aviation fatal accident rate by 80 percent by 2007. Participants include aircraft and engine manufactures, passenger and cargo airlines, labor unions, Flight Safety Foundation, Air Transport and Regional Airline Associations, NASA, DoD, and the FAA. Mr. Marshall is also the past Chairman of the Air Transport Association of America's Safety Council and the Society of Automotive Engineer's Aerospace Symposium. He currently serves on boards for the National Defense Transportation Association's Military Subcommittee, Safe America (a nation-wide non-profit organization focusing on safety awareness), the Flight Safety Foundation, and the Nature Conservancy's International Leadership Council.

Mr. Marshall gained world-wide aviation experience through his 26-year aviation career with the U.S. Air Force. His Air Force assignments included duties as a fighter pilot, special assistant to the Air Force Vice Chief of Staff, fighter squadron commander, base commander, and fighter wing commander. During his career, he primarily flew F-4s, F-15s, A-10s, and F-16s, but has experience in a variety of other aircraft as well. Mr. Marshall later served as the Inspector General of the Pacific Air Forces and then became the Director of Operations of the Pacific Air Forces. While in the Pacific, he oversaw the safe and efficient operations of over 400 combat aircraft, including developing plans and policies used for executing his command's annual flying program. In his last assignment, he served as the United State's Director of Security Assistance for the Middle East where he was responsible for all sales, marketing, training, and logistic support between the United States and eleven countries in the Middle East, Africa, and Southwest Asia during and immediately after the Gulf War.

Mr. Marshall received his Bachelor's degree in civil engineering from the Air Force Academy in Colorado. He also is a graduate from the National War College, holds a master of arts degree in personnel management from Central Michigan University, and a master of science degree in civil engineering (environmental) from the University of Hawaii.



Mr. John Frost

- Former Chief, Safety Office, US Army Aviation and Missile Command (retired)
- Former Chief, Safety Office, US Army Missile Command

Mr. John C. Frost is an independent safety consultant who retired from Federal Service with 33 years of Safety Engineering experience. Mr. Frost was the Chief of Safety for the Army Aviation and Missile Command (AMCOM) with worldwide responsibility for missile and aircraft safety. Mr. Frost directed and implemented a comprehensive System Safety Program for all aspects of a major high technology organization that develops, fields and supports all of the state-of-the-art aircraft and missile/rocket systems for the Army worldwide and provides facilities and services for approximately 20,000 residents, workers, visitors and contractors on Redstone Arsenal. Prior to this, he served as the Chief of the MICOM Safety Office and held other supervisory positions leading various Missile Command (MICOM) System Safety, Radiation Protection, Explosive Safety, Test Safety and Installation Safety program elements. Mr. Frost began his Federal career in the Safety Office of the Army's Electronics Command at Fort Monmouth, New Jersey, where he became Chief of System Safety Engineering.

Mr. Frost was born and raised in Birmingham, Alabama and earned a Bachelor of Science in Electrical Engineering from the University of Virginia where he was a DuPont Scholar. He completed a Master of Science specializing in Safety Engineering from Texas A&M and an additional year of advanced Safety Engineering training. Mr. Frost is a Senior member of the International System Safety Society, a Professional Member of the American Society Of Safety Engineers, and remains active in various System Safety organizations and initiatives. He was previously registered in Massachusetts as a Professional Engineer in the specialty of Safety Engineering and as a Certified Safety Professional. He and his wife Linda, of 33 years, have two sons, Christopher and Hampton.



Ms. Joyce A. McDevitt, P.E.

- Systems Safety Consultant
- Former Safety Program Manager, Futron Corporation and Computer Sciences Corporation
- Former NASA System Safety Engineer (retired)

Ms. Joyce McDevitt is a Systems Safety Consultant working with the John-Hopkins University's Applied Physics Laboratory (APL) to develop and launch the Pluto-New Horizons Mission Spacecraft. Prior to entering consulting full-time, she was a program manager with Futron Corporation, Bethesda, MD and Computer Sciences Corporation, Springfield, VA where she provided range safety and system safety support to government and commercial clients, including project safety responsibilities for APL's Mid-course Space Experiment Spacecraft. She also supported the Commercial Space Transportation Licensing and Safety Division of the Federal Aviation Administration. In addition, she served as a National Research Council committee member for Space Launch Safety and Safety of Tourist Submersibles studies.

During her nearly 30 years of Civil Service to NASA Headquarters, the Air Force Systems Command, and the Naval Ordnance Station, Ms. McDevitt's safety experience included space, aeronautical, facility, and weapons systems, and propellant, explosive, and chemical processes. She has developed and managed safety programs, hazard analyses, safety risk assessments, safety policies and procedures, investigations of mishaps, and safety training. She retired from the federal government in 1987.

Ms. McDevitt received a B.S. in Chemical Engineering from the University of New Hampshire and an M.S. in Engineering from Catholic University. She is a registered Professional Engineer in Safety Engineering and a member of the System Safety Society.