

2016 Annual Lecturers

62nd Annual Louis H. Bauer Lecturer: Douglas Robb, Lt. Gen. (Ret.), USAF, MC

“Aerospace Medicine: Adapt or Perish”

Lt. Gen. (Ret.) Douglas J. Robb is the former Director, Defense Health Agency (DHA), Defense Health Headquarters, Falls Church, Virginia. He led a joint, integrated Combat Support Agency enabling the Army, Navy, Air Force, and Marine Corps medical services to provide a medically ready force and ready medical force to Combatant Commands in both peacetime and wartime.



Gen. Robb received his Bachelor of Science degree in biological sciences from the U.S. Air Force Academy, Colorado Springs, CO, in 1979. In 1984, he earned his Medical degree, from Chicago College of Osteopathic Medicine. He later received his Master's degree in public health in occupational medicine, from the Harvard School of Public Health, Cambridge, MA in 1992. His Residency training and board certification in aerospace medicine and occupational medicine, was done at Brooks AFB, TX in 1994.

Gen. Robb entered the Air Force in June 1979 as a graduate of the U.S. Air Force Academy. He is board certified in aerospace medicine. He has spent 20 years in the practice of aerospace medicine in support of Air Force, joint, and coalition aviation forces. Clinically, he has held the positions of chief of flight medicine; aerospace medicine squadron commander; and hospital and medical center commander. Additionally, he has held staff positions as the chief flight surgeon for U.S. Air Forces in Europe, Command Surgeon, U.S. Central Command, Command Surgeon, Air Mobility Command, and Joint Staff Surgeon, Office of the Chairman, Joint Chiefs of Staff. Prior to his most recent position before retiring in January 2016, General Robb served as Deputy Director, TRI-CARE Management Activity. A chief flight surgeon with more than 1,600 flying hours, he has maintained additional crewmember status in the A-7, OV-10, F-16, C-9, C-130, and KC-135 aircraft.

Gen. Robb's awards and decorations include the Distinguished Service Medal, Defense Superior Service Medal with oak leaf cluster, Legion of Merit, Meritorious Service Medal with three oak leaf clusters, Joint Service Commendation Medal, Air Force Commendation Medal with "V" device two oak leaf clusters, and the Air Force Achievement Medal.

3rd Annual Reinartz Lecturer: Frank K. Butler, Jr., CAPT (Ret.), MC, USN

“The Top Ten Lifesaving Advances in Aeromedical Evacuation from 14 Years of Conflict”

Frank K. Butler, Jr., is a retired Navy Undersea Medical Officer and an ophthalmologist who served as a Navy SEAL platoon commander prior to attending medical school. He spent most of his career in Navy Medicine supporting the Special Operations community and was the first Navy physician selected to serve as the Command Surgeon for the U.S. Special Operations Command.

In his current position at the Joint Trauma System, he chairs the Department of Defense's Committee on Tactical Combat Casualty Care, helping to ensure optimal battlefield trauma care for our country's wounded service men and women. He also serves as co-chair of the

Decompression Sickness and Arterial Gas Embolism Treatment Committee for the Undersea and Hyperbaric Medical Society.

Dr. Butler spent 5 years at the Navy Experimental Diving Unit and helped to pioneer numerous advances in SEAL diving capabilities. As Director of the SEAL Biomedical Research Program for 15 years, his landmark projects included refractive surgery in the military, the Naval Special Warfare decompression computer, and Tactical Combat Casualty Care.



Dr. Butler received his Bachelor of Science degree Magna Cum Laude from Georgia Institute of Technology in 1971, and then went on to receive his M.D. from the Medical College of Georgia in 1980. His Internship in Family Practice was complete in 1981 at the Navy Regional Medical Center, Jacksonville, FL. He went on to Undersea Medical Officer Training at Groton,

CT. In 1986-89 he did his ophthalmology residency at the National Naval Medical Center, in Bethesda MD. A reviewer for many scholarly journals including Undersea and Hyperbaric Medicine, Journal of Trauma and Acute Care Surgery, Retina, and Medicine and Science in Sports and Exercise, he has also published well over 100 scientific papers.

Dr. Butler has been awarded the U.S. Special Operations Command Medal, the Academy of Underwater Arts and Sciences NOGI Award for Distinguished Service to the diving community, the Auerbach Award for contributions to Wilderness Medicine, the Norman McSwain Award for leadership in Prehospital Trauma Care, and the first Committee on Tactical Combat Casualty Care Award for outstanding contributions to battlefield trauma care.

51st Annual Harry G. Armstrong Lecturer: Arnaud Desjardin

“BEA's Safety Investigation into the German Wings Accident - Findings and Lessons Learned”

Arnaud Desjardin was the Chief Investigator for the Germanwings Flight 9525 crash on March 24, 2015. As the Deputy Head of the Investigations Dept., Bureau d'Enquêtes et d'Analyses pour la sécurité de l'aviation civile (BEA), Paris-Le Bourget, France, he manages a team of 33 investigators, analysts, and special advisers; ensures investigations and safety studies are objective and compliant with ICAO Annex 13 and EU regulation 996/2010; develops procedures and methodologies with all investigating partners. Prior to this Mr. Desjardin was a Senior Safety Investigator from 2010-2012, conducting over 20 investigations, and was a flight data specialist from 2005-2010.



Mr. Desjardin received his Bachelor of Science degree in Mathematics from Fabert, Metz, France, and then received his Master's in Aeronautical Engineering, from the National Civil Aviation Academy (ENAC), Toulouse, France.

Mr. Desjardin began his flight safety engineering career with the French National Space Agency, and then as head of IFR procedure and airspace division of the French Civil Aviation Authority. He spent several years in Dallas Texas with Wyndemere Inc. and then Flatirons Solutions Corp.