

Dr. Daniel K. Berry, D.O., M.S., PhD

Col(r), USAF, MC, CFS

Medical Licenses: Kansas, Oklahoma, New Jersey



Dr. Berry is a physician and has a PhD in Biomedical Engineering. Dr. Berry has experience in developing medical devices for the United States Air Force. Dr. Berry also oversaw Biological Defense for the United States Army, Navy, Air Force, and Marines, where he developed and deployed the medical sensors that detect biological agents. Dr. Berry is an inventor with 5 patents.

Background:

Dr. Daniel K. Berry is a graduate of Southern Adventist University in Collegedale, TN with a bachelor's degree with a Mathematic major and a Chemistry minor. He earned a Master's of Science Degree in Biomathematics from Loma Linda University in California, with his research in 3-dimensional modeling of cardiac electrical activity using Aitoff projections, and a PhD in Biomedical Engineering from the California Coastal University in California with his research in statistical analysis of cardiac disorders using the angiogram as the gold standard. Dr. Berry is a physician who graduated from Kansas City University of Medicine and Biosciences, and completed his post graduate training at the Tulsa Regional Medical Center, which is now the Oklahoma State University Hospital. Dr. Berry

completed the RAM requirements for a Master's of Public Health at the University of Oklahoma, School of Public health, in Oklahoma City, OK. Dr. Berry is Board Certified in Aerospace Medicine by the American Osteopathic Board of Preventive Medicine and is Board Certified in Family Practice by the American Osteopathic Board of Family Practice.

Dr. Berry served in the United States Air Force for 28 ½ years as a physician. Dr. Berry started his career as a Flight Surgeon at Tinker AFB in Oklahoma City, OK. Within one year he was promoted to the chair of the 10 physician department. His next assignment was at McGuire Air Force Base in New Jersey, where he was the Director of Preventive Health Services and directed the offices of Flight Medicine, Public Health, Bioengineering, Infectious Diseases, and the Immunizations Clinic. He was then assigned as the Aerospace Medicine Squadron Commander at Tyndall Air Force Base in Panama City, Florida. He provided medical support for Space Shuttle launches and landings at the Kennedy Space Center at Cape Canaveral. Then Dr. Berry was selected to be the Command Chief of Aerospace Medicine, and the Chief of Clinical Medicine, and the Medical Director of the Personnel Reliability Program for headquarters Space Command at Peterson Air Force Base in Colorado Springs, Colorado. Dr. Berry then became the Aerospace Medicine and Aeromedical Information Systems Director for the Human Systems Program Office at Brooks City Base in San Antonio, Texas, where Dr. Berry directed the departments for the development and FDA certification for 17 medical device and medical information systems development. Dr. Berry then became the Human Systems Office deputy Group Commander. Dr. Berry's last assignment with the United States Department of Defense was as the Joint Project Manager for Biological Defense, where he ran the joint (Army, Navy, Marines, Air Force) programs for the Biological Defense. Dr. Berry had over 100 civilian and military personal and over 500 contractors and a \$1.3 billion dollar budget over the FYDEP. Dr. Berry retired from the Air Force, but continued to practice Aerospace Medicine in the Federal Aviation Administration as first the Deputy Regional Flight Surgeon, and then as the Regional Flight Surgeon for the Central Region of the United States. Dr. Berry is currently the Senior Regional Flight Surgeon for the Federal Aviation Administration in which he provides

management and oversight of 135 personnel including 41 physicians, and oversight of approximately 2,100 Aviation Medical examiners and staff located in the 9 regions of the United States

Dr. Berry has also been extensively involved in professional activities with the American Osteopathic Association. Dr. Berry held nearly every office in the American Osteopathic College of Occupational and Preventive Medicine (AOCOPM) including President of the College. Dr. Berry developed and founded the Osteopathic Specialty of Undersea and Hyperbaric Medicine and established the Undersea and Hyperbaric Medicine Conjoint Committee. Dr. Berry is chaired the American Osteopathic Board of Preventive Medicine (AOBPM). Dr. Berry served in this position for 16 years. Dr. Berry was also the President of the American Society of Aerospace Medicine Specialists (ASAMS).

Dr. Berry is a distinguished Fellow of the American Osteopathic College of Occupational and Preventive Medicine and a fellow of the Aerospace Medical Association.

Dr. Berry is one of the authors of the “Aerospace Medicine Board Essentials” text book. Dr. Berry is also a frequent lecturer on topics in Aerospace Medicine and has written articles on Aerospace Medicine. Dr. Berry is a trained item writer for Board questions, and is trained in Anghoff psychometric procedures. Dr. Berry developed the first Undersea and Hyperbaric Medicine Table of Specifications (TOS), and Joint Task Analysis (JTA), and has participated in updating the previous Aerospace Medicine TOS, and JTAs.

Dr. Berry holds five medical patents and was the president and owner of Obtronics, Inc., which was a medical device development company.