

Dr. Brian M. Kent is an independent aerospace consultant based in Centerville, Ohio. In addition to a long engineering career, he has had a lifelong personal interest in US Naval Aviation Carrier history and has read hundreds of books about carrier operations from the first carrier Langley through modern carrier design.

Dr. Kent continues to serve as Adjunct Professor of Electrical Engineering with Michigan State University's Department of Electrical Engineering. Dr. Kent is a Life Fellow of the Institute of Electrical and Electronics Engineering (IEEE) and an international IEEE Distinguished Lecturer for the Antenna and Propagation Society. He is also a Fellow of the Antenna Measurement Techniques Association (AMTA) and of the Air Force Research Laboratory (AFRL). In 2009, he became a Meritorious Presidential Rank Awardee.

Previously, Dr. Kent was a member of the scientific and professional cadre of senior executives as Chief Technology Officer with the Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio. He served as AFRL's principle scientific/technical advisor and primary authority for the technical content of the Science and Technology Portfolio. He evaluated the total Laboratory technical research program to determine its adequacy and efficiency in meeting national, DoD, USAF, AFMC, and AFRL objectives in core technical competency areas. He identified research gaps and analyzed advancements in a broad variety of scientific fields to advise on their impact on Laboratory programs and objectives. He recommended new initiatives and adjustments to current programs required to meet current and future Air Force needs. As such, he is an internationally recognized scientific expert who provided authoritarian counsel and advice to AFRL management and the professional staff as well as to other government organizations. He also collaborated on numerous interdisciplinary research problems that encompass multiple AFRL directorates, customers from other DOD components, as well as the manned space program managed by NASA.

Dr. Kent's technical specialties include Electromagnetic Scattering and Material Property Measurements, Radar, Antenna, and Radar Cross Section Measurements, Radar Performance Evaluation, and RF/EO Sensing Technologies. Dr. Kent also worked for Applied Research Associates (ECD, Fairborn, Ohio office) as Senior Scientist and S&T Lead for Electromagnetics (EM), Radio Frequency (RF), and Sensing Systems.