

Biographical Sketch for Dr. James W. Weber

Dr. James W. Weber is the Senior Scientist for Hypersonics, Air Force Research Laboratory, Pentagon, Arlington, Virginia. He serves as the principal scientific and technical authority and independent researcher for Air Force hypersonic systems. In that role, Dr. Weber leads the department's \$1B hypersonics science and technology strategy and advises Air Force senior leadership on hypersonic systems development. James has over 30 years of experience in the research and development of hypersonic technologies for strike weapons, air platforms, and space access. Dr. Weber began his career with AFRL in 1992 at Wright-Patterson AFB, Ohio, where he held assignments of increasing responsibility in hypersonic technology development, strategic planning, and program management, including assignments for the National Aero-Space Plane, Hypersonic Technology (HyTech), and Affordable Rapid Response Missile Demonstrator programs. In his most recent AFRL assignment, Dr. Weber was program manager of the \$420M High Speed Strike Weapon Technology Maturation program at Eglin AFB, Florida. Prior to assuming his current position, Dr. Weber was Special Assistant for Hypersonics in the Office of the Under Secretary of Defense for Research & Engineering at the Pentagon, where he led the development and implementation of DOD's Enabling Hypersonics Science & Technology Strategy. James received his B.S. degree in Aerospace Engineering from the University of Tennessee at Knoxville, and his M.S. and Ph.D. degrees in Hypersonics from the University of Maryland at College Park.