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Dr. James W. Weber is the Principal Director for Hypersonics in the Office of the Under Secretary of Defense for Research and Engineering (OUSD(R&E)). In that role, Dr. Weber is responsible for the Department of Defense's vision and strategy for developing warfighting capability enabled by hypersonic systems. Dr. Weber has over 30 years of experience in the research and development of hypersonic systems supporting multiple Air Force, DARPA and NASA programs. Additionally, Dr. Weber served as a Special Assistant for Hypersonics in OUSD(R&E) and led the development of DOD's Hypersonics Science & Technology Strategy. Prior to assuming his current position, Dr. Weber was the Air Force Senior Scientist for Hypersonics, where he directed the department's hypersonics science and technology enterprise and advised Air Force senior leadership on hypersonic systems development. Dr. Weber received his B.S. degree in Aerospace Engineering from the University of Tennessee, and his M.S. and Ph.D. degrees in Aerospace Engineering (Hypersonics) from the University of Maryland.