

## **Biographical Information for Dr. James D. Heidmann**

Dr. James (Jim) Heidmann currently serves as Acting Deputy Director of NASA's Advanced Air Vehicles Program. In this capacity, he helps lead advancement of a broad range of air vehicle technologies across the 4 NASA Aeronautics Centers – Ames, Armstrong, Glenn & Langley. Prior to this role, Dr. Heidmann managed NASA's Advanced Air Transport Technology and Transformational Tools & Technologies Projects, and also served as Chief of the Turbomachinery and Heat Transfer Branch. In addition to these management roles, Dr. Heidmann spent 20 years as an Aerospace Research Engineer, publishing over 20 papers and journal articles in the area of turbomachinery aerodynamics and heat transfer. He was elected Fellow of the American Society of Mechanical Engineers (ASME) in 2007, Associate Fellow of the American Institute of Aeronautics and Astronautics (AIAA) in 2015, and received the Outstanding Mechanical Engineer (OME) Award from Purdue University School of Mechanical Engineering in 2017. Dr. Heidmann received a Bachelor of Science in Mechanical Engineering from the University of Toledo in 1986, Master of Science in Mechanical Engineering from Purdue University in 1988, and Doctorate in Mechanical and Aerospace Engineering from Case Western Reserve University in 1997.