

Dr. Werner J.A. Dahm Chair, U.S. Air Force Scientific Advisory Board

ASU Foundation Professor of Aerospace and Mechanical Engineering
Founding Director and Chief Scientist, Security and Defense Systems Initiative
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Ph.D.	Aeronautics	California Institute of Technology	1985
M.S.	Mechanical Engineering	University of Tennessee Space Institute	1981
B.S.E.	Mechanical Engineering	University of Alabama in Huntsville	1978

- Founding Director and Chief Scientist, Security and Defense Systems Initiative – Arizona State University
- ASU Foundation Professor of Aerospace & Mechanical Engineering – Arizona State University
- Chair, U.S. Air Force Scientific Advisory Board (SAB) – Air Force Pentagon, Washington, D.C.
- Former [Chief Scientist of the U.S. Air Force \(AF/ST\)](#) – Headquarters Air Force, Pentagon, Washington, D.C.
- Air Force Decoration for Exceptional Civilian Service – United States Air Force
- Emeritus Professor of Aerospace Engineering – The University of Michigan
- Fellow – American Institute of Aeronautics & Astronautics (AIAA)
- Fellow – American Physical Society (APS), Division of Fluid Dynamics
- Former Consultant, Defense Science Board (DSB) – Defense Pentagon, Washington, D.C.
- Air Force Meritorious Civilian Service Award – United States Air Force
- George J. Huebner Research Excellence Award – The University of Michigan
- 1938E Distinguished Achievement Award – The University of Michigan
- William F. Ballhaus Aeronautics Prize – Caltech
- Donald Wills Douglas Prize Fellowship – Caltech

Dr. Werner J.A. Dahm is the current Chair of the [U.S. Air Force Scientific Advisory Board \(SAB\)](#), and has served with the SAB in various capacities since 2006. He has also served on numerous task forces of the Defense Science Board (DSB) for the Office of the Under Secretary of Defense (OUSD AT&L), and is a past member of the Defense Science Study Group (DSSG) at the Institute for Defense Analyses (IDA) in Washington, D.C.

He previously was the [Chief Scientist of the U.S. Air Force \(AF/ST\)](#), a member of Headquarters Air Force in the Pentagon serving as the direct science and technology advisor to the Secretary of the Air Force and the Air Force Chief of Staff. As the Air Force's Chief Scientist he led development of "[Technology Horizons](#)", the Headquarters-level vision identifying key science and technology focus areas for the U.S. Air Force during 2010-2030.

Dr. Dahm is also ASU Foundation Professor of Aerospace and Mechanical Engineering and Founding Director and Chief Scientist of the Security and Defense Systems Initiative at Arizona State University (ASU). He is a Fellow of the American Physical Society (APS) in the Division of Fluid Dynamics (DFD), a Fellow of the American Institute of Aeronautics and Astronautics (AIAA), a recipient of the William F. Ballhaus Aeronautics Prize from Caltech, the 1938E Distinguished Achievement Award from the University of Michigan, and the George J. Huebner Research Excellence Award from The University of Michigan.

He received his Ph.D. degree in Aeronautics from Caltech in 1985, and previously worked as a Research Engineer in the Propulsion Wind Tunnel Facility at the USAF Arnold Engineering Development Center (AEDC) in Tullahoma, TN. He also has an M.S. degree in Mechanical Engineering from The University of Tennessee Space Institute (UTSI) in Tullahoma, TN and a B.S.E. in Mechanical Engineering from The University of Alabama in Huntsville.

Dr. Dahm also is Emeritus Professor of Aerospace Engineering at The University of Michigan, where he was on the faculty for 25 years and led the Laboratory for Turbulence & Combustion. He is an author of over 200 refereed technical articles, conference papers, and technical publications, a holder of six U.S. and international patents, and has given over 260 technical presentations, including more than 170 invited, plenary, and keynote lectures worldwide, on topics dealing with aerospace engineering and defense science. Additionally, he has founded and served on the Board of two technology-oriented entrepreneurial companies, and has served extensively on technical advisory and organizational committees for numerous technical conferences, and as a consultant for industry.