

Curriculum Vitae:

Professor Werner J.A. Dahm

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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 & Defense Systems Initiative (SDSI) – 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

Professor Werner J.A. Dahm is ASU Foundation Professor of Aerospace & Mechanical Engineering and Founding Director and Chief Scientist, Security & Defense Systems Initiative at Arizona State University (ASU).

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.

He is the current Chair of the [U.S. Air Force Scientific Advisory Board \(SAB\)](#), has served with the SAB since 2006 and has 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 also serves on advisory boards for NASA and Lawrence Livermore National Laboratory. 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 180 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.