

**Dr. Iain D Boyd**  
**Vice-Chair, U. S. Air Force Scientific Advisory Board**

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Ph.D.	Aeronautics & Astronautics	University of Southampton, UK	1989
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- James E. Knott Professor of Aerospace Engineering, University of Michigan
- Vice Chair, U.S. Air Force Scientific Advisory Board (SAB) – Air Force Pentagon, Washington, D.C.
- Fellow – American Institute of Aeronautics & Astronautics (AIAA)
- Fellow – American Physical Society (APS), Division of Plasma Physics
- Founding Director, Nonequilibrium Gas & Plasma Dynamics Laboratory, University of Michigan
- Lawrence Sperry Award, American Institute of Aeronautics & Astronautics (AIAA)
- Monroe-Brown Foundation Research Excellence Award, University of Michigan
- Editorial Boards: Physics of Fluids, Journal of Spacecraft & Rockets

Dr. Iain D. Boyd is the current Vice Chair of the [U.S. Air Force Scientific Advisory Board \(SAB\)](#), and has served with the SAB in various capacities since 2010. He has participated on six SAB Studies, and chaired the 2014 Study “Technology Readiness of Hypersonic Vehicles.” Dr. Boyd has also participated in eight SAB reviews of AFRL Technical Directorates. He is a past member of the Defense Science Study Group (DSSG) at the Institute for Defense Analyses (IDA) in Washington, D.C.

Dr. Boyd is the James E. Knott Professor of Aerospace Engineering at the University of Michigan. He is a Fellow of the American Physical Society (APS) in the Division of Plasma Physics (DPP), a Fellow of the American Institute of Aeronautics and Astronautics (AIAA), a recipient of the Lawrence Sperry Award from AIAA, and a recipient of the Monroe-Brown Foundation Research Excellence Award from the University of Michigan.

He received his Ph.D. degree in Aeronautics & Astronautics from the University of Southampton in 1989, and previously worked as a Research Scientist in the Aerothermodynamics Branch at the NASA Ames Research Center at Moffett Field in California, and as a faculty member in the Sibley School of Mechanical and Aerospace Engineering at Cornell University. He also has a B.Sc. in Mathematics from the University of Southampton.

Dr. Boyd is the Founding Director of the Nonequilibrium Gas and Plasma Dynamics Laboratory at the University of Michigan. He is an author of over 500 refereed technical articles, conference papers, and technical publications, and has given over 500 technical presentations, including more than 100 invited, plenary, and keynote lectures worldwide, on a variety of topics dealing with aerospace engineering and defense sciences. He has licensed software for engineering analysis to several aerospace companies, and has served as a consultant to more than 40 different organizations in industry.