Stan A. David

Dr. David received his Ph.D. degree in Metallurgical Engineering from the University of Pittsburgh. He was adjunct professor at the University of Pittsburgh and Colorado School of Mines, and a Visiting Professor at Coventry University, Coventry, United Kingdom.

Currently he is a consultant at Oak Ridge National Laboratory (ORNL) In 1977 he joined ORNL and currently retired as a Corporate Fellow of UT-Battelle, and Group Leader of the Materials Joining Group in the Materials Science and Technology Division. He is a Fellow of The Minerals, Metals, and Materials Society (TMS), American Association for the Advancement of Science, ASM International and the American Welding Society. He is the Editor-in-Chief of a new journal, "Science and Technology of Welding and Joining," published by the Institute of Materials, London.

In 2002 he was the recipient of five major awards: UT-Battelle Director's and Distinguished Engineer Awards; The Arata Prize from the International Insitute of Welding; The Warren F. Savage Memorial Award; and the McKay-Helm Award from the American Welding Society. In 1998 he was the recipient of the Distinguished Alumnus Award from the University of Pittsburgh, and the Warren F. Savage Memorial Award from the American Welding Society. In 1997 he was awarded the Elegant Work Prize of the Institute of Materials, London, for his publication on single crystal welding. In 1996 Dr. David was the recipient of the William Irrgang Memorial Award from the American Welding Society. In 1994 he was the recipient of the Champion H. Mathewson award from The Minerals, Metals and Materials Society. He served as the General Chairman of the International Conference on Trends in Welding Research, sponsored by ASM International in 1986, 1989, 1992, 1995, and 1998. He is the recipient of the 1992 Honorary Membership Award from the American Welding Society. In 1990 he was the recipient of the American Welding Society's Charles H. Jennings Memorial Award for the most valuable contribution to welding metallurgy. He was awarded the 1981 Lincoln Gold Medal by the American Welding Society for best technical contribution of the year. He received the McKay-Helm award in 1980 from the American Welding Society for significant contributions in the field of welding.

His is currently a consultant to a number of organizations and his current interests are in solidification behavior of welds, welding of intermetallic alloys, phase stability, process modeling and residual stresses in weldments.

He has contributed to over 350 papers in the fields of solidification and welding metallurgy and is the editor of eight international conference proceedings. He serves on several national committees of professional societies and industrial advisory board.