

Military Operations Research Society (MORS) Biography Dr. Seth Bonder (MORS President 1969-1970)



Introduction. Dr. Seth Bonder was inducted as a MORS Fellow in 1994 and is a Vance R. Wanner Memorial Award laureate from 1986. He received the Jacinto Steinhardt Memorial Award from the Military Applications Society (MAS) of INFORMS in 1999. He is a member of the National Academy of Engineering.

Education. Dr. Bonder completed his BS in Mechanical Engineering at the University of Maryland in 1960 and his PhD in Industrial Engineering (Operations Research) at Ohio State University in 1965.

Background. Dr. Bonder was the founder and Chairman/CEO of Vector Research, Incorporated (VRI) until 2001. The firm, which employed over 400 professionals, provided analysis and information technology services to national security, healthcare delivery, and financial enterprises in the public and private sector. He served in the US Air Force on active duty 1952-1956, and he was a Captain in the US Air Force Reserves 1957 – 1965. He was a full-time faculty member in the Department of Industrial and Operations Engineering at The University of Michigan until December 1972. He is currently an adjunct professor in that department and has been an advisor to engineering schools, business schools, and mathematics departments in major universities. Dr. Bonder has published many papers in various operations research and defense journals. Over the past 40 years he has developed new operations research analysis procedures, directed analyses for planning and operations of military forces, and has served as an advisor to senior management of the Department of Defense. He is a member of the US Army Science Board and has served on the US Defense Science Board.

Operations Research and MORS Affiliations and Contributions. Dr. Bonder was President of the Operations Research Society of America 1978-1979. He was Vice President of the International Federation of Operational Research Societies 1985-1988. Dr. Bonder was MORS Vice President (1st VP), 1968 – 1969 and MORS President, 1969-1970.

Awards and Honors.

INFORMS Omega Rho Distinguished Lecturer, 2004

INFORMS President's Award, 2001

INFORMS Fellow, 2001 (Charter Member)

Member, National Academy of Engineering, 2000

Kimball Award, Operations Research Society of America (ORSA), 1993

Award for Patriotic Civilian Service, awarded by Secretary of the Army, 1990