

PROFILE

Rick Blum

Rick S. Blum (F) received a B.S. in Electrical Engineering from the Pennsylvania State University (1984) and his M.S. and Ph.D in Electrical Engineering from the University of Pennsylvania (1987 and 1991).

Dr. Blum was a member of technical staff at General Electric Aerospace in Valley Forge, Pennsylvania (1984 to 1991) and he graduated from GE's Advanced Course in Engineering. Since 1991, he has been with the Electrical and Computer Engineering Department at Lehigh University in Bethlehem, Pennsylvania where he is currently a Professor and holds the Robert W. Wieseman Endowed Research Professorship in Electrical Engineering.

Dr. Blum was on the editorial board for the Journal of Advances in Information Fusion of the International Society of Information Fusion. He was Associate Editor, IEEE Transactions on Signal Processing (2000-2002) and IEEE Communications Letters. He has edited special issues for IEEE Transactions on Signal Processing, IEEE Journal of Selected Topics in Signal Processing and IEEE Journal on Selected Areas in Communications. He was Member, Sensor Array and Multichannel Signal Processing Technical Committee (2009-2014); Member, Signal Processing for Communications and Networking Technical Committee (1999-2001); Member, Communications Theory Technical Committee of the IEEE Communications Society; and Member, Awards Committee of the IEEE Communications Society.

Dr. Blum is a Fellow of the IEEE "for scientific contributions to detection, data fusion and signal processing with multiple sensors", which acknowledges contributions to the field of sensor networking. He is a former IEEE Signal Processing Society Distinguished Lecturer, an IEEE Third Millennium Medal winner, a Member of Eta Kappa Nu and Sigma Xi, and holds several patents. Dr. Blum was awarded an ONR Young Investigator Award and an NSF Research Initiation Award.

Dr. Blum's research interests include signal processing for smart grid, communications, sensor networking, radar and sensor processing.

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