

David M. Pozar
Professor of Electrical and Computer Engineering
University of Massachusetts Amherst
Amherst, MA 01003

Degrees:

- B.S., University of Akron, Electrical Engineering, 1975
- M.S., University of Akron, Electrical Engineering, 1976
- Ph.D., Ohio State University, Electrical Engineering, 1980

Work Experience:

- Professor Emeritus, University of Massachusetts Amherst, 2004-present.
- Visiting Professor, Ecole Polytechnique Federale de Lausanne, Lausanne, Switzerland, 1988 (6-month sabbatical)
- Professor, ECE Department, University of Massachusetts Amherst, 1980-2004
- Research Assistant, ElectroScience Lab, Ohio State University, 1976-1980
- Teaching Assistant, University of Akron, 1976
- Engineering Assistant (Co-op), National Security Agency, 1974

Professional Societies:

- Institute of Electrical and Electronics Engineers, Antennas and Propagation Society
- Member of Sigma Xi, Tau Beta Pi, and Eta Kappa Nu

Honors and Awards:

- Distinguished Achievement Award, IEEE Antennas and Propagation Society, 2020.
- IEEE Life Fellow, 2018
- S. A. Schelkunoff Transactions Prize Paper Award, 2003, IEEE Antennas and Propagation Society
- Chancellor's Medal, University of Massachusetts, 2003
- Distinguished Faculty Lecturer, University of Massachusetts, 2003-2004
- IEEE Third Millennium Medal, 2000.
- "H. A. Wheeler Applications Prize Paper Award", 1998, from IEEE Antennas and Propagation Society
- "College Outstanding Teacher Award", 1997, College of Engineering
- "Outstanding Senior Faculty Award", 1995, College of Engineering
- IEEE Fellow, 1990, for "contributions to the electromagnetic analysis, development, and design of microstrip antennas and phased arrays"
- United Technologies Corporation Outstanding Teaching Award, 1989
- R.W.P. King Best Paper Award, 1988, IEEE Antennas and Propagation Society
- Issac Koga Gold Medal Award by URSI in 1987 for "remarkable contributions to the analytical, numerical, and experimental study of printed antennas and phased arrays, and related problems in applied electromagnetics"
- R.W.P. King Best Paper Award, 1986, IEEE Antennas and Propagation Society
- Engineering Alumni Association, "Outstanding Junior Faculty Award", 1984-1985
- "Outstanding Young Professor for 1984-85 Award", from HKN

- IEEE Centennial “Keys to the Future Award” from IEEE Antennas and Propagation Society (Most Promising Young Engineer in IEEE AP-S)
- “Presidential Young Investigator Award”, 1984, National Science Foundation
- “Outstanding Professor for 1981”, teaching award from HKN

Professional Activities:

- Associate Editor of IEEE Antennas and Propagation Society Newsletter, 1982-1984
- Associate Editor of IEEE Transactions on Antennas and Propagation, 1983-1986
- Member of IEEE Antennas and Propagation Society ADCOM, 1989-1991
- Associate Editor of IEEE Transactions on Antennas and Propagation, 1989-1993
- Distinguished Lecturer for IEEE Antennas and Propagation Society, 1993-1995
- Member of the Board of Directors, Arcom Inc., 1996-1999
- Member of the Board of Directors, Sage Laboratories, Inc., 1997-1998
- Member of the Board of Directors, LNX Corporation, 2003-present
- Consulting with 3M, Lockheed, MACom, Raytheon, Prosensing, Millitech, Skyworks, etc.
- Expert Witness for wireless systems, antennas, microwave systems, and wireless security

Publications:

- Journal publications (see website www.ecs.umass.edu/ece/pozar/publications.htm)
- Conference publications – (see website www.ecs.umass.edu/ece/pozar/conferences.htm)

Books and Book Chapters:

- **Microwave Engineering**, 4th edition, John Wiley & Sons, 2012 (also translated into Chinese, Greek, and Korean).
- **Microwave and RF Design of Wireless Systems**, John Wiley & Sons, November 2000 (also translated into Korean).
- “Microstrip Antennas”, Chapter 36 in the **Electrical Engineering Handbook**, 2nd edition, R. C. Dorf, editor, CRC Press, 1997.
- **PCAAD - Personal Computer Aided Antenna Design for Windows**, version 7.0, Antenna Design Associates, Inc., 2002.
- “Microstrip Arrays: Analysis, Design, and Applications”, Chapter 3 in **Advances in Microstrip and Printed Antennas**, K.-F. Lee, editor, Wiley, 1997.
- **Microstrip Antennas**, Edited by D. M. Pozar and D. H. Schaubert, IEEE Press, 1995.
- **Microwave Engineering**, Addison-Wesley, 1990.
- “A Generalized CAD Model for Printed Antennas and Arrays with Arbitrary Multilayer Geometries”, by N. D. Das and D. M. Pozar, Chapter in **Computational Electromagnetics**, (Edited by L. Shafai), pp. 393-440, November 1991. Elsevier, Amsterdam.
- “Analysis and Design Considerations for Printed Phased Array Antennas”, Chapter 12 of **Handbook of Microstrip Antennas**, (Edited by J.R. James and P.S. Hall). Peter Peregrinus, London, 1989.
- **Antenna Design Using Personal Computers**, Artech House, 1985.