

Dr. Victor B. Lawrence

Associate Dean and Batchelor Chair Professor
Charles V. Schaefer, Jr. School of Engineering

Electrical and Computer Engineering
Stevens Institute of Technology
Hoboken, NJ 07030

email: Victor.Lawrence@stevens.edu
Tel: 201-216-5636 Fax:201-216-8246
Mobile: 732-407-9500

Victor Lawrence is an industry leader in digital communications R&D, an entrepreneur, an active member of engineering professional organizations, an author, and a teacher who has extensive international experience. Dr. Lawrence has been a key proponent of R&D globalization and has championed the effort to bring fiber optic connectivity to Africa.

Education

1972–Ph.D. , Electrical Engineering, University of London, United Kingdom

1969–D.I.C., Imperial College, University of London, United Kingdom

1968–B.Sc., University of London, United Kingdom

Honors and awards:

- Charter Fellow of the National Academy of Inventors (NAI).
- IEEE Simon Ramo Gold medal for technical Innovation and Leadership, 2007
- IEEE Award in International Communications, 2004
- Member of National Academy of Engineering, 2003
- IEEE Millennium Medal, 2000
- Emmy Award for HDTV Grand Alliance Standard, 1997
- Black Engineer for Outstanding Technical Contributions, 1995
- Fellow of AT&T Bell Laboratories, 1992
- Fellow of IEEE, 1987
- 1986 University of California at Berkeley, Chancellor's Distinguished Lecture Series
- 1984 J. Harry Karp Best Paper Award at Interface '84
- 1981 Gullemin–Cauer Prize Award, IEEE Circuits & Systems Society

Seminars/Lectures

- IEEE (South Jersey Chapter) Fellow and Awards Banquet, April 1996
- Electro '96, April 1996, Somerset, NJ
- David Sarnoff Symposium 2009
- Engineering Networking Society of Paris, France
- IEEE (Stevens chapter)ECE Undergraduate Awards, May 2010
- “The Art of Scientific Innovation”, Seminar Presented at University of Medicine and Dentistry, Newark, New Jersey (UMDNJ), for the doctoral students in Medical Informatics, November 2005.
- "Modem Communication System", Seminar course, Pacific Telecommunications Conference,

January 13-17, 1991, at Sheraton Waikiki, Honolulu. 15 pages, 35 figures. - with S. V. Ahamed and David Tsao, AT&T Bell Laboratories.

Professional Activities

- Member, NAE Peer Review Committee, 2004 --
- Corporate Patrons Chair, ICC2002, 2001–2002
- Member, IEEE Kilby Medal Selection Committee, 2000–
- Chairman, IEEE Awards Board, 1994–1995.
- Vice–Chairman, IEEE Awards Board, 1992–1993.
- Editor–In–Chief, IEEE Transactions on Communications, 1987–1991.
- Member of the Board of Governors, IEEE Communications Society, 1990–2014.
- Member of IEEE Fellow Nomination Committee, 1989–1992.
- Member of IEEE Awards Policy Planning Committee , 1989–1992.
- Associate Editor, IEEE Communications Society Magazine, Oct. 1977–1981.
- Associate Editor, Digital Signal Processing, IEEE Transactions on Circuits and Systems, 1981–1983.
- Technical Program Chairman, 1st International Workshop on VLSI in Communications, 1981.
- Technical Program Chairman, 1st International Workshop on Metropolitan Networks, 1986.
- General Chairman, 4th International Workshop on VLSI in Communications, 1986.
- Secretary, IEEE Communications Society Technical Committee on Signal Processing and Communication Electronics, 1984–1986.
- AT&T Representative to CCITT Study Group XVII, 1982–1986.
- Special Rapporteur on Coding for CCITT SG XVII, 1982–1984.
- Special Rapporteur on Transmission Impairments for CCITT SG XVII, 1984

Work Experience:

2006–Present Associate Dean and Batchelor Chair Professor, Stevens Institute of Technology

1995–2005: Vice President, Advanced Communications Technology, Bell Labs, NJ

1994–1995: Director, Advanced Multimedia Communications Dept., Bell Labs, NJ

1988–1993: Department Head, Data Communications Research Dept., AT&T Paradyne, NJ

1986–1988: Department Head, Digital Techniques Dept., Network Systems Div. Bell Labs, NJ

1982–1986: Supervisor, AT&T Information Systems Laboratories, NJ

1979–1982: MTS, Data Communications Div., Bell Telephone Labs, NJ

1974–1979: MTS, Research Division, Bell Labs, NJ

1973–1974: Asst. Professor, Dept. of Electrical Engineering, Kumasi University, Ghana

1972–1973: Development Engineer, ITT, UK