

Biographical Sketch

Jerry D. Gibson is Professor of Electrical and Computer Engineering at the University of California, Santa Barbara. He is co-author of the books *Digital Compression for Multimedia* (Morgan-Kaufmann, 1998) and *Introduction to Nonparametric Detection with Applications* (Academic Press, 1975 and IEEE Press, 1995) and author of the textbook, *Principles of Digital and Analog Communications* (Prentice-Hall, second ed., 1993). He is Editor-in-Chief of *The Mobile Communications Handbook* (CRC Press, 2nd ed., 1999), Editor-in-Chief of *The Communications Handbook* (CRC Press, 2nd ed., 2002), and Editor of the book, *Multimedia Communications: Directions and Innovations* (Academic Press, 2000).

Dr. Gibson was Associate Editor for Speech Processing for the *IEEE Transactions on Communications* from 1981 to 1985 and Associate Editor for Communications for the *IEEE Transactions on Information Theory* from 1988-1991. He was President of the IEEE Information Theory Society in 1996, and a member of the Speech Technical Committee of the IEEE Signal Processing Society from 1992-1994. Dr. Gibson served as Technical Program Chair of the 1999 IEEE Wireless Communications and Networking Conference, Technical Program Chair of the 1997 Asilomar Conference on Signals, Systems, and Computers, and General Co-Chair of the 1993 IEEE International Symposium on Information Theory. He was an elected Member-at-Large on the Communications Society Board of Governors for 2005-2007. Currently, he serves on the Steering Committee for the Wireless Communications and Networking Conference and on the Editorial Board of the Hindawi Open Access journal *Advances in Multimedia*. He is an IEEE Communications Society Distinguished Lecturer for 2007-2008 and he is a member of the IEEE Awards Committee.

In 1990, Dr. Gibson received The Fredrick Emmons Terman Award from the American Society for Engineering Education, and in 1992, was elected Fellow of the IEEE “for contributions to the theory and practice of adaptive prediction and speech waveform coding.” He was co-recipient of the 1993 IEEE Signal Processing Society Senior Paper Award for the Speech Processing area.

His research interests include data, speech, image, and video compression, multimedia over networks, wireless communications, information theory, and digital signal processing.