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Ron Miles received a BSEE from the University of California at Berkeley in 1976, and his MS and PhD in mechanical engineering from the University of Washington. In 1977 he began work on structural acoustics and noise control at Boeing that continued for eight years.

He was an assistant research engineer and lecturer in the Department of Mechanical Engineering at UC Berkeley and has been with the Department of Mechanical Engineering at the State University of New York Binghamton since 1989 where he has served as the Director of Graduate Studies, Director of Undergraduate Studies, Associate Chair, Department Chair, and Professor.

Dr. Miles is presently the Associate Dean for Research and oversees research activities of the 5 academic departments within the Watson School at Binghamton.

Dr. Miles scholarship includes over 100 hundred publications in leading journals scholarly articles, national and international conferences, invited lectures and workshops and has received the University Award for Excellence in Teaching; the Chancellor's Award for Excellence in Teaching; the Research Foundation's Outstanding Inventor Award; the Chancellor's Award for Research in Science, Engineering and Medicine; the Research Foundation's Innovation, Creation and Discovery Award; and the Research Foundation's 2005 First Patent Award. His primary research is on the development of biologically-inspired microacoustic sensors.