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Mr. Leonard received his Bachelor of Electrical Engineering degree from the University of Akron in 1961; he received an MSEE (Power) from Washington University of St. Louis in 1966; and he received an MSEE (Digital) from the University of Missouri at Rolla in 1976 and a Professional Development degree from the University of Missouri at Rolla in 1984. He received an Honorary Professional Degree (Computer Science) from the University of Missouri at Rolla in 1997. He is currently employed in industry as a Technical Fellow at Boeing IDS in St. Louis, Missouri. He has been at Boeing IDS for over 41 years and is currently responsible for the aircraft integration of the U. S Navy air-to-surface Harpoon and Standoff Land Attack Missile into U.S. Navy, U.S Air Force and foreign aircraft. He received the 1984 IEEE Centennial Medal, the 1986 USAB Achievement Award, the 1991 Region 5 Outstanding Member Award, the 1996 USAB Award for Distinguished Contributions to Engineering Professionalism, the 2000 IEEE Millennium Medal, the 2000 Region 5 Outstanding Member Award, and the 1991 McDonnell-Douglas/U.S. Navy Reliability, Maintainability, and Quality Assurance Award (Salty Dog). He has 27 published papers, a three-volume reference series on "Progress in Simulation" (Ablex Publishing), an IEEE Press Book entitled "Object Oriented Simulation", and has produced the IEEE video for Region 5 "Your Future After Graduation". He holds five US Patents and two Australian Patents. Mr. Leonard is a registered Professional Engineer in Ohio and Missouri. In June, 1998, Mr. Leonard was elected a fellow of the St. Louis Academy of Science. On Feb. 7, 2003, Mr. Leonard was elected to the Academy of Electrical and Computer Engineering at UMR.

IEEE Activities--(S'60-M'62-SM'81)

OFFICES: Board of Directors, 1992-93 and 2003; IEEE Executive Committee 2003, President IEEE-USA 2003, Region 5 Director, 1992-93; USAB Director, 1992-93

COMMITTEES/BOARDS: Vice-Chairman USAB 1993-94; USAB OPCOM 1992-1994; IEEE-USA OPCOM 00-04 Pension/EEBC/CPC Committee, 1991-02; USAB Student Professional Awareness Committee Chairman, 1989-90, Ad Hoc Member Professional Awareness Committee Chairman, 1996-99; Membership Development Committee, 1993-94; RAB Section/Chapter Support Committee, 1992-93; IEEE Executive Quality Committee, 1992-93; USAB Opinion Survey Committee, 1993-94; RAB Awards and Recognition Committee, 1992-93; USAB National Government Activities Committee, 1992; Member/Customer Services Advisory ad hoc Committee, 1994; Chairman USAB Government Procurement and Regulations Committee, 1986-88. IEEE-USA Liaison to MDC 1998 and 2001; IEEE-USA Member-at Large 2000-2001.

REGION: Region 5 Director, 1992-93; Region 5 Bylaws and N&A Committee, 1994; Region 5 PACE Chairman, 1988; Region 5 East Area Chairman, 1985-87; Region 5 Educational Activities Chairman, 1997, Region 5 Conference Committee Chair 1998-02

SECTION: St. Louis Section Chairman, 1980-81; Section PACE Chairman, 1988-93; Section Membership Development Chairman, 1994-96, 98-02; Section Student Activities Chairman, 1981-85; Section Technology Policy Chairman. 1997-03

SOCIETIES: Organized the St. Louis Chapter Of AESS in 1994; Chairman 1994-99 (St. Louis Chapter was selected as U.S. National Chapter of the Year 95-96, 00-01); AESS Board of Governors 1997-02, 04. Helped organize the UMR IEEE/AESS Student Chapter 1998; AESS Vice-President Member Affairs 2000-2003, AESS Executive VP 2004

CONFERENCES: Co-Founder of the St. Louis Section "Missouri Conference", in 1988 and currently a Director, Pub. Chair 18th DASC (99); Co-Chair St. Louis 2000 Region 5 Conf.

REPRESENTATIVE: United States Department of Defense Microcircuit Obsolescence Committee, 1988-90.

(updated 12 December 2003)