

Biography of Mehran Mehregany, Ph.D.

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Mehran Mehregany received his M.S. and Ph.D. in Electrical Engineering from Massachusetts Institute of Technology in 1986 and 1990, respectively. From 1986 to 1990, he was a consultant to the Robotic Systems Research Department at AT&T Bell Laboratories, where he was a key contributor to ground-breaking research in microelectromechanical systems (MEMS). He joined the Department of Electrical Engineering and Applied Physics at Case Western Reserve University as an Assistant Professor in 1990. He was promoted to Associate Professor in 1994 and Full Professor in 1997, held the George S. Dively Professor of Engineering endowed chair (1998 to 2000), and has since held the Goodrich Professor of Engineering Innovation endowed chair. He served as the Director of the MEMS Research Center (1995 to 2002) and Chairman of the Electrical Engineering and Computer Science Department (January 2003 to January 2006) at Case. He served as the founding Executive Vice President of Engineering, Chief of Engineering Research, and the Gary and Mary West Endowed Chair of Wireless Health Technology at the West Wireless Health Institute from November 2009 through August 2010 (taking a leave from Case), during which time he formulated the Institute's engineering program, recruited the initial talent, and launched the initial research activities and product developments, including Sense4Baby. He served as the Faculty Director of Development for the Case School of Engineering 2010-2011. He founded the Case School of Engineering San Diego Programs in July 2007 and its Wireless Health Program in 2010; he is the Director of these programs and has a secondary appointment in the Biomedical Engineering Department.

Professor Mehregany is well known for his research in the area of MEMS and silicon carbide, as well as for offering the first educational resource in MEMS (starting in early 1990's) and the first graduate education program in wireless health (starting in 2011). He has over 350 publications describing his work, holds 19 U.S. patents, is the recipient of a number of awards/honors and has founded several technology startups. He served as the Editor-in-Chief of the Journal of Micromechanics and Microengineering (1/1996 to 12/1997) and Assistant-to-the-President of the Transducers Research Foundation (1994 to 2004), where he currently serves as a Trustee and the Treasurer. He is an Editor for the Journal of Microelectromechanical Systems. He is the Technical Program Chair (2012) and General Chair (2014) of the Solid-State Sensors, Actuators & Microsystems Workshop, the premier Americas' venue on the topic. He has been an active entrepreneur over his career, with NineSigma, Inc. and Qualtre, Inc. being examples of two current technology companies he co-founded. He has served on the Board of Directors of EvoNexus (San Diego's first community-supported, fully pro-bono technology incubator) and the Advisory Board of the San Diego Venture Group. His current research interests are micro/nano-electro-mechanical systems, silicon carbide technology and microsystems, and wireless health.