Biography of Mehran Mehregany, Ph.D.

Mehran Mehregany is the Director of Case School of Engineering San Diego and Veale Professor of Wireless Health Innovation. He is the editor of first Wireless Health textbook titled “Wireless Health: Remaking of Medicine by Pervasive Technologies” and a faculty of the Electrical Engineering and Computer Science Department and the Biomedical Engineering Department at Case Western Reserve University.

Mehregany received his Ph.D. in Electrical Engineering from Massachusetts Institute of Technology in 1990, when he joined Case Western Reserve University. Mehregany—on behalf of Case Western Reserve University—founded the Case School of Engineering San Diego in July 2007, and its Wireless Health and Wearable Computing programs in 2011 and 2014, respectively. He held the Goodrich Professorship of Engineering Innovation from 2000 to 2015.

Previously, he was a consultant to the Robotic Systems Research Department at AT&T Bell Laboratories (1986-1990), where he was a key contributor to groundbreaking research in microelectromechanical systems (MEMS). From November 2009 through August 2010 (taking a leave from Case), Mehregany was 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 Health Institute (fka, West Wireless Health Institute). During this period, he formulated the Institute's engineering program, recruited the initial talent and launched the initial research activities and product developments, including Sense4Baby, which was brought to the market by AirStrip and Apple.

Mehregany is well known for his research in the area of sensors, MEMS and silicon carbide. He has over 360 publications describing his work, holds 20 U.S. patents, is the recipient of a number of awards/honors and has founded several technology startups. His research interests are sensors, micro/nano-electro-mechanical systems, silicon carbide technology and microsystems, wearables and wireless health.