

CMOS MEMS Fabrication and Design

Gary K. Fedder

Department of Electrical and Computer Engineering
Carnegie Mellon University, Pittsburgh, PA



Gary K. Fedder is the Howard M. Wilkoff Professor of Electrical and Computer Engineering at Carnegie Mellon University, with courtesy appointments in Mechanical Engineering, Biomedical Engineering and the Robotics Institute. He is also the faculty director of the university's Manufacturing Futures Institute. Dr. Fedder received his B.S. and M.S. degrees in EECS from MIT in 1982 and 1984, respectively, and his Ph.D. in EECS from the University of California at Berkeley in 1994. He is an IEEE Fellow for contributions to integrated MEMS and has over 300 publications and 21 patents. He has served in administrative roles at Carnegie Mellon as Vice Provost for Research, Director of the Institute for Complex Engineered Systems, and Associate Dean for Research in the College of Engineering. He was founding president and served as interim CEO of the Advanced Robotics for Manufacturing (ARM) Institute in 2017 and 2020.