

### **Short Biography - Katherine Whittaker Ferrara**

**Katherine Whittaker Ferrara** is a Distinguished Professor of Biomedical Engineering at the University of California, Davis and the Director of the Center for Content Rich Evaluation of Therapeutic Efficacy (cCRETE). In addition to her appointment at UC Davis, she is currently a visiting professor in the Department of Radiology at Stanford University. She is a member of the National Academy of Engineering and a fellow of the IEEE, American Association for the Advancement of Science, the Biomedical Engineering Society, the Acoustical Society of America and the American Institute of Medical and Biological Engineering. Dr. Ferrara received her Ph.D. in 1989 from the University of California, Davis. Prior to her PhD, Dr. Ferrara was a project engineer for General Electric Medical Systems, involved in the development of early magnetic resonance imaging and ultrasound systems. Following an appointment as an Associate Professor in the Department of Biomedical Engineering at the University of Virginia, Charlottesville, Dr. Ferrara served as the founding chair of the Department of Biomedical Engineering at UC Davis, now a vibrant department with 35 faculty members. Her laboratory is known for early work in aspects of ultrasonics and has more recently expanded their focus to broadly investigate molecular imaging and drug delivery. Dr. Ferrara's laboratory has received numerous awards including the Achievement Award from the IEEE Ultrasonics, Ferroelectrics and Frequency Control Society, the George Thorn Award from the Whitaker Foundation and mentoring and diversity awards from UC Davis. She previously served as a member of the National Advisory Council for the NIH National Institute of Biomedical Imaging and Bioengineering, and for the past two years she has served as the chair of the NIH Clinical Molecular Imaging Probes study section. Dr. Ferrara has a strong passion for diversity-related activities and served as a founding member and founding chair of the Women in Molecular Imaging Network within the World Molecular Imaging Society. Her Google Scholar profile can be found at <http://scholar.google.com/citations?user=7mTBiAQAAAAJ&hl=en>