

Kullervo Hynynen, Ph.D.

Dr. Hynynen received his Ph.D. from the University of Aberdeen, United Kingdom. After completing his postdoctoral training in biomedical ultrasound also at the University of Aberdeen, he accepted a faculty position at the University of Arizona in 1984. He joined the faculty at the Harvard Medical School, and Brigham and Women's Hospital in Boston, MA 1993. There he reached the rank of full Professor, and founded and directed the Focused Ultrasound Laboratory. In 2006, he moved to University of Toronto where he led a \$160 million effort to establish the Centre for Research in Image-Guided Therapeutics, a consortium between the Canadian government and Sunnybrook Hospital.



He is currently the Director of Physical Sciences Platform at the Sunnybrook Research Institute and a Professor in the Department of Medical Biophysics and Cross Appointed Professor in Institute of Biomaterials & Biomedical Engineering (IBBME) at University of Toronto, Toronto, Ontario, Canada. He holds a Canada Research Chair in Imaging Systems and Image-Guided Therapy awarded by the Government of Canada and leads the Centre for Research in Image-Guided Therapeutics.

Dr. Hynynen has published over 350 peer reviewed papers on basic and clinical research and has 30 patents or pending applications many of which have been licensed by industry. He has been the recipient of numerous NIH and other agency grant awards, private sector research contracts; served on study sections, editorial boards, and has been extensively involved in commercializing ultrasound technology. He is a Fellow of the American Institute of Ultrasound in Medicine, the Acoustical Society of America, and was Honorary President of the 2nd International Symposium on MRI-guided Focused Ultrasound by the Focused Ultrasound Foundation. He was named the J. Eugene Robinson Awardee by the Society of Thermal Medicine, the William and Francis Fry Honorary Fellow by the International Society for Therapeutic Ultrasound and was awarded the Silver Medal by the Acoustical Society of America. He was awarded the IEEE Rayleigh Award (highest honor for achievement within the UFFC Society in the field of Ultrasonics) and has received the Focused Ultrasound Visionary Award (August 2016). In January 2018, he has also been named an IEEE fellow for contributions to image-guided therapeutic focused ultrasound, which is the highest grade of membership in the IEEE.