



Tsuyoshi Shiina

**Professor and Director of Department of Human Health Sciences, Graduate School of
Medicine, Kyoto University
Japan**

Degrees:

Dr of Engineering (University of Tokyo)

Dr of Medical Science (University of Tsukuba)

Dr. Shiina was graduated from the Electronic Engineering Department, the University of Tokyo, in 1982. He received the MS and PhD degrees in electronic engineering in 1984 and 1987, respectively, from the University of Tokyo. He also received the DMSC degree in 2006, from University of Tsukuba.

From 1987 to 1992, he was Lecturer and Associate Professor at the Department of Electronic Engineering, Tokyo University of Agriculture and Technology.

In 1992, he moved to the University of Tsukuba, and he has been a Professor of Graduate School of Systems and Information Engineering, the University of Tsukuba since 2001.

From 1995 to 1996, he was with the institute of Cancer Research and the Royal Marsden NHS Trust in UK as Visiting Professor.

He is presently a Professor of Graduate School of Medicine, Kyoto University since 2008. Since 2012 to 2015, he also serves as a Deputy Director of Kyoto University Hospital.

His current research interests include visualization technique of structural and functional bio-information, for example, ultrasonic elasticity imaging, 3D blood-flow measurement, and brain function imaging based on biological signal processing. In 2003, He developed the world's first practical ultrasound elastography for breast diagnosis in cooperation with Hitachi Medical Corporation. Recently, he involves the development of photoacoustic mammography as Kyoto University-Canon joint research project supported by Japanese government grant.

http://ckpj.t.kyoto-u.ac.jp/group_e/ultrasound-imaging.htm?lang=en



Dr. Shiina was awarded the distinguished paper prize about his research on novel technology of ultrasound imaging by JSUM (the Japan Society of Ultrasonics in Medicine), 2000 and 2008, and Best Paper Award of the Japan Society of Applied Physics (JSAP) (2012). He was also awarded Prizes for Science and Technology about Real-Time Tissue Elasticity Imaging System which was developed by cooperation with Hitachi Medical Corporation, by Minister of Education, Culture, Sports, Science and Technology, 2010.

Dr. Shiina performed editors of many academic journals, IEICE, IEEJ and Ultrasound in Medicine and Biology. He is a member of executive board of the Japan Society of Medical Electronics and Biological Engineering (JSMBE). He is also Executive Trustee of the Japan Society of Ultrasonics in Medicine (JSUM). He was the president of 2009 Annual Conference of JSUM and the 20th Conference of JABTS. He also served as a general chair of Biomedical international conference (BMEiCON) 2010 in Kyoto. Dr. Shiina was also co-chair of working group for World Federation of Ultrasound in Medicine and Biology (WFUMB) Guidelines of Ultrasound Elastography.