



Yu Hsin Wang Ph. D.

**Researcher, Industrial Technology Research Institute (ITRI)
Taiwan**

I, Yu-Hsin Wang(王昱欣), received the B. S. degree in electrical engineering and the Ph.D degree in biomedical electronics and bioinformatics from National Taiwan University, Taipei, Taiwan in 2006 and in 2013, respectively. My Ph.D work included photoacoustic and ultrasound dual-modality imaging and its applications of molecular probe by combining the nanoparticles and microbubbles. From August 2013, I joined AmCad Biomed Corporation and focused on developing software for sonography and medical device. During this period of time, I also gained valuable experience in regulatory affair of medical device. In Mar 2016, I joined Biomedical Technology and Device Research Laboratories in ITRI as a researcher and host a project regarding shear wave elastography and its applications.

RESEARCH AND PROFESSIONAL INTERESTS

My current research and professional interests include, but not limited to, medical device development (including scientific research and regulatory affair) , system integration of multimodality (ultrasound/optics/photoacoustic), signal and imaging processing with biomedical application purpose.

PROFESSIONAL EXPERIENCE

Industrial Technology Research Institute, Biomedical Technology and Device Research Laboratories

Researcher (2016 Mar. –Present)/ Associate Project Manager (2017 Mar.- Present)

AmCad BioMed Corporation, Taipei City, Taiwan

Associate Product Manager (2014 Sep. – 2016 Mar.)



AmCad BioMed Corporation, Taipei City, Taiwan
Senior Engineer (2013 Aug. – 2014 Aug.)

EDUCATION

Ph.D. (Sep., 2007 – Jul., 2013),

Ultrasound Imaging Laboratory,

Graduate Institute of Biomedical Electronics and Bioinformatics, National Taiwan University,
Taipei, Taiwan.

Advisor: Prof. Pai-Chi Li.

Doctoral Dissertation:

Photoacoustic and Ultrasound Dual-modality Imaging: System Development and the
Applications of Molecular Probes

M.S. program (Sep., 2006 – Aug., 2007)

Ultrasound Imaging Laboratory,

Graduate Institute of Electrical Engineering, National Taiwan University, Taipei, Taiwan.

Advisor: Prof. Pai-Chi Li.

Approved for entrance into Ph.D program directly in 2007.

B.S. (Sep., 2002 –Jul. 2006)

Dept. of Electrical Engineering, National Taiwan University, Taipei, Taiwan