

Curriculum Vitae

Personal Information		
Title (i.e. Prof., Dr., etc.)	Dr.	
Name (First name_ Last Name)	Sunghwan Lim	
Degree (i.e. MD, Msc, PhD, etc.)	PhD	
Country	Korea	
Affiliation	Korea Institute of Science and Technology	
Educational Background		
Johns Hopkins University, Baltimore, MD, USA Ph.D., Medical Robotics, Department of Mechanical Engineering, 2019 University of Tokyo, Japan M.S., Department of Biomedical Engineering, 2010 Yokohama National University, Japan B.S., Department of Mechanical Engineering and Material Science, 2008		
Professional Experience		
Biomedical Research Institute, Korea Institute of Science and Technology, Korea Senior Researcher, Oct. 2012 – Jul. 2014, Sep. 2019 - Present Urology Robotics Laboratory, Brady Urological Institute, Johns Hopkins University, MD, USA Research Assistant, Sep. 2014 - Aug.2019 Gondar Polytechnic College, Gondar, Ethiopia Instructor, Jul. 2010 – Jul. 2012		
Professional Organizations		
Member, IEEE Engineering in Medicine & Biology Society Member, IEEE Robotics & Automation Society Member, Medical Metaverse Society Member, Korea Computer Vision Society		
Main Scientific Publications		
S. Lim , C. Jun, D. Chang, D. Petrisor, M. Han, D. Stoianovici, “Robotic Transrectal Ultrasound-Guided Prostate Biopsy,” <i>IEEE Trans. Biomed. Eng. (TBME)</i> , vol. 66, no. 9, pp. 2527-2537, (2019) (<i>Selected for the cover of journal</i>). S. Lim* , K. Sharma*, P. Li, D. Petrisor, S. Fricke, D. Stoianovici, K. Cleary, “Robotically Assisted Long Bone Biopsy under MRI: Cadaver Study Results,” <i>Int. J. Comput. Assist. Radiol. Surg.(IJCARS)</i> , vol. 14, no. 1, pp. 147-156 (2019) (* indicates co-first authorship). W. Ludwig, S. Lim , D. Stoianovici, B. Matlaga, “Endoscopic Stone Measurement During Ureteroscopy,” <i>Journal of Endourology</i> , vol. 32, no. 1, pp. 34-39 (2018) (<i>Selected for the cover of journal</i>).		