



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		
<p>Johns Hopkins University, Baltimore, MD, USA Ph.D., Medical Robotics, Department of Mechanical Engineering, 2019</p> <p>University of Tokyo, Japan M.S., Department of Biomedical Engineering, 2010</p> <p>Yokohama National University, Japan B.S., Department of Mechanical Engineering and Material Science, 2008</p>		
Professional Experience		
<p>Biomedical Research Institute, Korea Institute of Science and Technology, Korea Senior Researcher, Oct. 2012 – Jul. 2014, Sep. 2019 - Present</p> <p>Urology Robotics Laboratory, Brady Urological Institute, Johns Hopkins University, MD, USA Research Assistant, Sep. 2014 - Aug. 2019</p> <p>Gondar Polytechnic College, Gondar, Ethiopia Instructor, Jul. 2010 – Jul. 2012</p>		
Professional Organizations		
<p>Member, IEEE Engineering in Medicine & Biology Society</p> <p>Member, IEEE Robotics & Automation Society</p> <p>Member, Medical Metaverse Society</p> <p>Member, Korea Computer Vision Society</p>		
Main Scientific Publications		
<p>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>).</p> <p>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).</p> <p>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>).</p>		