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Bio

Hyowon "Hugh" Lee received his B.A. in neuroscience from Colorado College in 2004 and his M.S. and Ph.D. degrees in biomedical engineering from the University of California, Los Angeles, in 2008 and 2011, respectively. Before joining Purdue, he worked as a senior engineer for St. Jude Medical's Implantable Electronics Systems Division where he focused on using advanced technologies to overcome manufacturing challenges associated with implantable electronic devices such as pacemakers, implantable cardioverter defibrillators, deep brain stimulators, and spinal cord stimulators. At UCLA, he trained in the areas of neuroengineering and microfabrication under Jack Judy to develop novel implantable magnetic microactuators for hydrocephalus treatment. His current research interests include rapid prototyping of implantable sensors and actuators, multifunctional smart implants, and safety and reliability of implantable devices.