Dr. Chung has three main areas of research:

I. Optimization of hearing aid, cochlear implant and hearing protector performance

All hearing device users face similar challenges: Understanding speech in noise and listening comfort. Dr. Chung examines the effective signal processing strategies and technologies to enhance the performance of hearing devices and to improve the quality of lives of children and adults. She has a patent on how to utilize hearing aid front-end technologies to enhance cochlear implant performance with Dr. Fangang Zeng at University of California, Irvine.
Select Publication on the Topic


