Dr. Jane Chung is an Associate Professor at Virginia Commonwealth University School of Nursing. She is a nurse scientist with special emphasis on aging and technology research. Her research program has two foci: 1) advancing the methods for functional health monitoring and risk detection among older adults using innovative sensor technologies and 2) improving social connectedness and well-being in socially vulnerable older adults based on advances in data science and digital technologies including novel machine learning algorithms. She currently leads two NIH-funded studies – 1) R01 project to identify digital biomarkers of mobility that are predictive of cognitive decline in community-dwelling older adults, and 2) R21 project where her team is developing a smart speaker-based system for automatic loneliness assessment in older adults. Recently, she has been selected as a fellow for the Betty Irene Moore Fellowship for Nurse Leaders and Innovators, and in this fellowship program, she is developing a smart speaker-based intervention designed to assist low-income older adults in managing chronic conditions and daily activities more effectively.