Lili He is an Associate Professor of Radiology at Imaging Research Center and the co-director of the Artificial Intelligence (AI) Imaging Research Center at Cincinnati Children's Hospital Medical Center (CCHMC). She holds secondary joint appointments in the Departments of Computer Science, Biomedical Engineering, and Bioinformatics at the University of Cincinnati. Dr. He earned her Bachelor's degree in Electrical Engineering from Tsinghua University, a Master's degree in Computer Science from the University of Missouri-Columbus, and a PhD degree in Computer Science and Engineering from the University of Connecticut.

As a computer scientist with dedicated experience in AI and medical imaging processing and analysis, Dr. He is committed to the clinical translation and implementation of AI technologies to enhance medical imaging value, and to promote the equitable care and safety of children nationwide and beyond. Her current research focuses on developing and validating AI diagnostic tools for bedside use by clinicians, aimed at improving the diagnosis, prediction, and prevention of patient outcomes, particularly for high-risk infants and children.

Dr. He has led multiple studies funded by the National Institutes of Health (NIH) and various charitable foundations to develop imaging prognostic biomarkers and deep learning models for the early detection and prediction of various important clinical outcomes. These include cognitive, language, and motor deficits, Attention Deficit Hyperactivity Disorder, Autism Spectrum Disorder, liver diseases, and Crohn's Disease. She is currently supported by two NIH R01 grants. In 2021, Dr. He was nominated for the prestigious US Presidential Early Career Awards for Scientists and Engineers.

Dr. He has served on review panels for multiple NIH study sections and the UK Medical Research Council (MRC). She is currently a charter member of the NIH Emerging Imaging Technology and Application study section. In April, 2024, Dr. He will give a webinar lecture on her work and serve on the Young Investigator Award Selection Committee. If elected, she aims to work closely with other board and executive committee members to enhance the academic standing of Chinese researchers, promote research exchange, foster collaborative research, and support the career development of society members both in China and overseas.