

# About the Editors

**S. Kevin Zhou**, PhD, is currently a Principal Key Expert at Siemens Healthineers Technology Center, leading a team of full-time research scientists and students dedicated to researching and developing innovative solutions for medical and industrial imaging products. His research interests lie in computer vision and machine/deep learning and their applications to medical image analysis, face recognition, and modeling, etc. He has published over 150 book chapters and peer-reviewed journal and conference papers, registered over 250 patents and inventions, written two research monographs, and edited three books. He has won multiple technology, patent, and product awards, including the R&D 100 Award and Siemens Inventor of the Year. He is an editorial board member for the Medical Image Analysis and IEEE Transactions on Medical Imaging journals and a fellow of the American Institute of Medical and Biological Engineering (AIMBE).

**Hayit Greenspan** is a Professor at the Biomedical Engineering Department, Faculty of Engineering, Tel Aviv University. She was a visiting Professor at the Radiology Department of Stanford University, and is currently affiliated with the International Computer Science Institute (ICSI) at Berkeley. Dr. Greenspan's research focuses on image modeling and analysis, deep learning, and content-based image retrieval. Research projects include brain MRI research (structural and DTI), CT and X-ray image analysis – automated detection to segmentation and characterization. Dr. Greenspan has over 150 publications in leading international journals and conference proceedings. She has received several awards and is a coauthor on several patents. Dr. Greenspan is a member of several journal and conference program committees, including SPIE Medical Imaging, IEEE\_ISBI, and MICCAI. She is an Associate Editor for the IEEE Transactions on Medical Imaging (TMI) journal. Recently, in May 2016, she was the lead guest editor for an IEEE-TMI special issue on “Deep Learning in Medical Imaging.”

**Dinggang Shen** is a Professor of Radiology at the Biomedical Research Imaging Center (BRIC), and Computer Science, and Biomedical Engineering Departments in the University of North Carolina at Chapel Hill (UNC-CH). He is currently directing the Center for Image Informatics and Analysis, the Image Display, Enhancement, and Analysis (IDEA) Lab in the Department of Radiology, and also the medical image analysis core in the BRIC. He was a tenure-track assistant professor at the University of Pennsylvania (UPenn), and a faculty member at Johns Hopkins University. Dr. Shen's research interests include medical image analysis, computer vision, and pattern recognition. He has published more than 700 papers in international journals and conference proceedings. He serves as an editorial board member for six international journals. He has served on the Board of Directors of The Medical Image Computing and Computer Assisted Intervention (MICCAI) Society in 2012–2015.