



Zhaoyang Fan / 樊昭阳, Ph.D.

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Biography

Dr. Zhaoyang Fan is an Associate Professor of Radiology and Radiation Oncology and the Director of MR Imaging Research Program at University of Southern California (USC). He holds a courtesy appointment at the Department of Biomedical Engineering of USC and a visiting professorship at Cedars-Sinai Medical Center. Dr. Fan received his bachelor's degree in Engineering Physics from Tsinghua University and his PhD degree in Biomedical Engineering from Northwestern University.

Dr. Fan's career as an MR imaging scientist over the past 15+ years has been focused on the development and clinical translation of novel MR methods for fast and precise assessment of human diseases. His current research interests include diagnosis and characterization of cardio- and neuro-vascular diseases, quantitative cancer imaging, and imaging-guided radiation therapy. His previously developed intracranial and extracranial vessel wall imaging techniques are widely being used in clinical and research settings. He has authored over 150 peer-reviewed journal articles with over 4327 citations and an h-index of 35. He is the Principal Investigator of NIH- and AHA-funded projects and an active reviewer for funding agencies of many countries or regions (USA, UK, The Netherlands, Singapore, Hong Kong). He serves as a standing member of NIH EITA study section. Dr. Fan has been elected as Junior Fellow of the ISMRM, Fellow of SCMR, and Distinguished Investigator of the Academy for Radiology & Biomedical Imaging Research.

Prior and Current Services for Societies

Dr. Fan has served in many professional societies. He previously served in the ISMRM Workshop & Study Group Review Committee, the ISMRM Non-Contrast-Enhanced Cardiovascular MRI Workshop Organizing Committee, and the OCSMRM Young Investigator Award Committee. He is currently the Vice Chair for ISMRM MR in Radiation Therapy Study Group and a member of the SMRA Education Committee, SCMR Annual Meeting Program Committee, RSNA Quantitative Imaging Biomarkers Alliance (QIBA) DSC Biomarker Committee, and AAPM Medical Physics Awards Selection Committee. For many years, he has served as a reviewer for annual meetings of ISMRM, SMRA, and AAPM.

Vision to Serve OCSMRM

Dr. Fan has become a member of OCSMRM since 2007. He has actively participated in the society's annual dinner gatherings, scientific meetings, and virtual webinars. Witnessing the dramatic growth of the society and encouraged by numerous prestigious society leaders, he is now highly motivated to serve the society community by taking more responsibilities. If elected to the BoT, Dr. Fan will strive along with other board members to oversee the operation and refine policies and regulations for the best interests and mission of our society. He will also collaborate with the executive committee to 1) promote the welfare of our members by providing, for example, more learning opportunities and guidance on career development, 2) foster communication and collaboration among Chinese research teams and institutions, and 3) enhance the influence of our society in the medical imaging field through, for example, more inter-society collaborations in meeting organizing and talk invitation based on his established involvement in many societies.