

参选人王泽现为马里兰大学医学院放射系终身教授，主要从事 ASL MRI, machine learning in neuroimaging, 和 AD 相关的转化研究。主要贡献包括 ASLtbx, BENTbx, SVR-LSM, 和 3D BS spiral readout PCASL 序列。已发表论文 132 篇。引用 8200 多次。本人自 2005 年首次参与 OCSMRM 在 Miami 的聚会以来持续每年参加 OCSMRM 的各项活动包括 OCSMRM 与中放磁共振学组在国内举报的学术年会，并参与了 YIA 的甄选工作。作为一个多年受益的参与者，我与国内外的磁共振同仁建立了广泛的联系，结识了很多学界与行业领导者和业内才俊，与国内同仁合作密切。在社团领导方面，我组织过多次国际国内学术研讨会，担任过学术机构的中心主任，创立和维护着多个学术在线论坛和社媒群组。在担任韩国同行创办的国际磁共振协会（ICMRI）国际顾问期间推动了他们与 OCSMRM 和国内磁共振协会的联系，并由此推动了亚洲磁共振协会（ASMRM）的创立。这些经验和相应的影响和领导力也夯实了我参选 OCSMRM Secretary 的基础，也是我为 OCSMRM 做出更大更多贡献的动力。如能当选，我将与大家一道光大 OCSMRM 的各项优良传统，特别是线上线下学术交流，科研合作，提升华人磁共振学者彰显力，提携年轻学者方面做出更多工作，尽心尽力为大家服务。以下是我的英文简历。



Ze Wang, PhD, IEEE Senior Member. I'm a Tenured Full Professor in the Department of Diagnostic Radiology and Nuclear Medicine at University of Maryland School of Medicine. I got my PhD from Shanghai Jiao Tong University in 2003. I was a Research Assistant Professor at UPenn from 2009-2014, then a Professor in Hangzhou Normal University from 2014-2016. I was recruited to Temple University in 2016 as an Associate Professor and the Director for MRI Center. I have published 128 peer-reviewed papers. My H-index is 46. My research focuses on MR technique development, image processing, biosignal processing, machine learning in medical imaging, neuroimaging in Alzheimer's Disease and drug addiction. My representative work in MRI includes a 2D and 3D surrounding neighbors-based parallel imaging reconstruction algorithm, a dictionary-independent fast parameter searching algorithm for magnetic resonance fingerprinting, a suite of arterial spin labeling (ASL) perfusion MRI signal processing methods, the first multivariate lesion-symptom mapping algorithm, and a brain entropy mapping tool. In addition to method development, I have developed 4 software packages: 3D FSE spiral readout ASL perfusion MRI sequence and online reconstruction program, ASL signal processing toolbox(ASLtbx), Brain entropy mapping toolbox (BENTbx), multivariate-lesion symptom mapping toolbox (SVR-LSM). All are freely available from <https://cfn.upenn.edu/zewang>. In 2005, I have been awarded with the 2005 Shanghai Excellent Thesis Award, and the Nomination Award of 2005 China National 100 Excellent PhD Thesis. I'm an editorial board member or associate editors for several international journals and an ad hoc reviewer for NIH and other international foundations. More information can be found in <https://www.medschool.umaryland.edu/pi/Ze-Wang-PhD/>

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