



**OCSMRM YIA 2020**

## 2020 OCSMRM YIA Committee Members



Chair: Danny JJ Wang, USC

Prof. Dinggang Shen, United Imaging/UNC

Prof. Xin Lou, PLA Hospital

Prof. Hongyu An, Wash Univ St Louis

Prof. Allen Song, Duke Univ

Prof. Yulin Ge, NYU

Prof. Xin Yu, Case Western

Prof. Hao Huang, UPenn/CHOP

Prof. Jinyuan Zhou, JHU



## OCSMRM Young Investigator Award

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(3<sup>rd</sup> Place :4, 2<sup>nd</sup> Place: 2, 1<sup>st</sup> Place:1)



## OCSMRM Young Investigator Award (YIA) 3<sup>rd</sup> Place

OVERSEAS CHINESE SOCIETY FOR  
  
MAGNETIC RESONANCE IN MEDICINE

Annual Meeting of  
OCSMRM  
8 - 13 Aug 2020

Young Investigator Award  
Third Place

Presented to  
**Ye Tian**  
on 8 Aug 2020



Jiang Du, Ph.D.  
OCSMRM President



Danny JJ Wang, Ph.D.  
YIA Selection Committee Co-Chairs



**Ye Tian, PhD**  
Postdoc  
University of  
Southern California

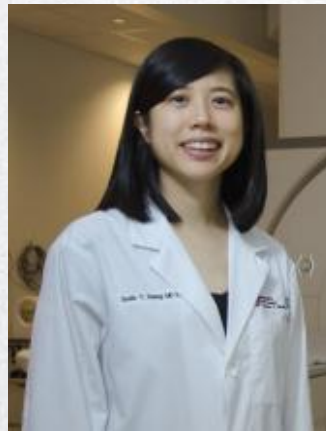
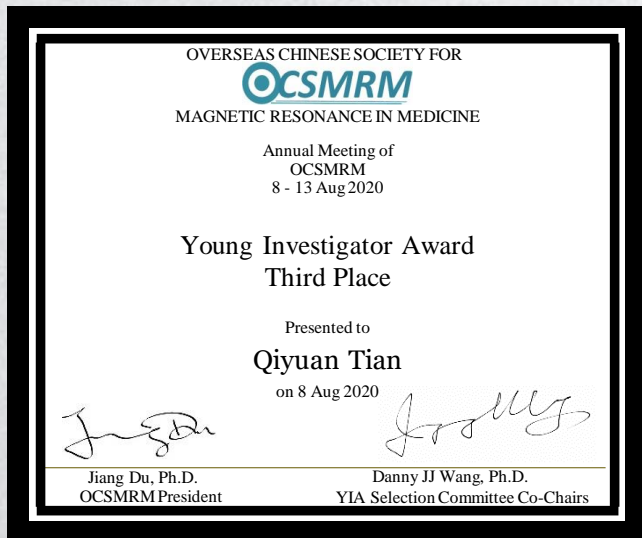
**Mentor:**  
**Ganesh Adluru**  
**Edward DiBella**

**Magnetic Resonance in Medicine 2020**; In press.

Whole-heart ungated free-breathing cardiac phase resolved myocardial perfusion MRI by using Continuous Radial Interleaved simultaneous Multi-slice acquisitions at sSpoiled steady-state (CRIMP).

**Ye Tian, Jason Mendes, Brent Wilson, Alexander Ross, Ravi Ranjan, Edward DiBella, Ganesh Adluru.**

## OCSMRM Young Investigator Award (YIA) 3<sup>rd</sup> Place



**Qiyuan Tian, PhD**  
Postdoc  
Massachusetts  
General Hospital

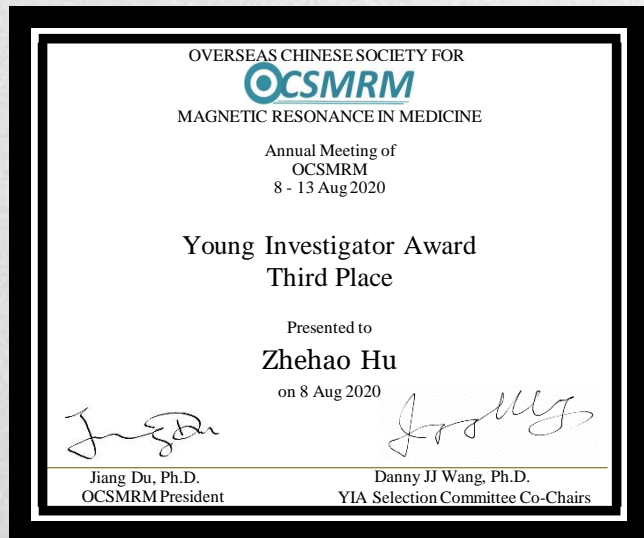
**Mentor:**  
**Susie Y. Huang**

**NeuroImage, 2020; 219: 117017.**

DeepDTI: High-fidelity Six-direction Diffusion Tensor Imaging using Deep Learning.

**Tian Q, Bilgic B, Fan Q, Ngamsombat C, Liao C, Hu Y, Witzel T, Setsompop K, Polimeni JR, Huang SY.**

## OCSMRM Young Investigator Award (YIA) 3<sup>rd</sup> Place



**Zhehao Hu, M.S.**  
Ph.D. Student  
Cedars-Sinai Medical  
Center

**Mentor:**  
**Zhaoyang Fan**

**Magnetic Resonance in Medicine 2020**; in press. Magnetic resonance multitasking for multidimensional assessment of cardiovascular system: development and feasibility study on the thoracic aorta.

**Hu Z**, Christodoulou AG, Wang N, Shaw JL, Song SS, Maya MM, Ishimori ML, Forbess LJ, Xiao J, Bi X, Han F, Li D, **Fan Z**.



## OCSMRM Young Investigator Award (YIA) 3<sup>rd</sup> Place

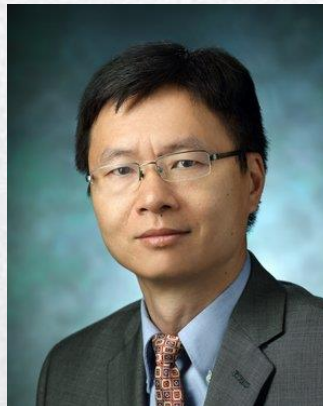


**Xingfeng Shao, PhD**  
Research Scientist  
University of  
Southern California

**Mentor: Danny  
J.J. Wang**

**Magnetic Resonance in Medicine 2019**; 81:3065-3079. Mapping water exchange across the blood-brain barrier using three-dimensional diffusion-prepared arterial spin labeled perfusion MRI  
**Shao X**, Ma JS, Casey M, D'Orazio L, Ringman J and **Wang DJJ**.

## OCSMRM Young Investigator Award (YIA) 2<sup>nd</sup> Place



**Zixuan Lin, B.S.**  
Ph.D. Student  
Johns Hopkins University

**Mentor: Hanzhang Lu**

**Radiology. 2019; 292(1):140-148.**

Brain Oxygen Extraction by Using MRI in Older Individuals: Relationship to Apolipoprotein E Genotype and Amyloid Burden.

**Lin Z, Sur S, Soldan A, Pettigrew C, Miller M, Oishi K, Bilgel M, Moghekar A, Pillai J, Albert M, Lu H**



## OCSMRM Young Investigator Award (YIA) 2<sup>nd</sup> Place



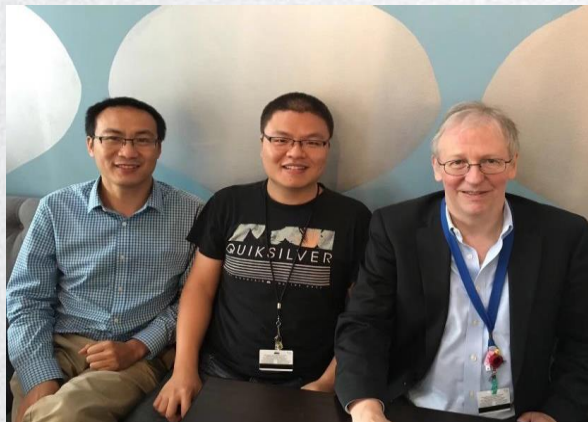
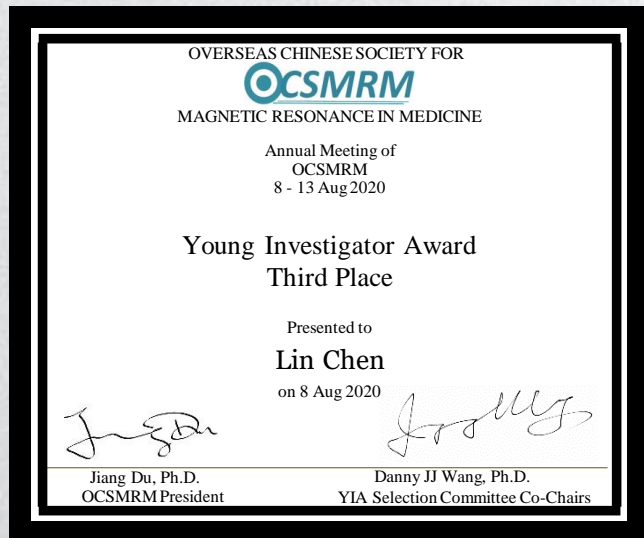
**Jianpan Huang, M.S.**  
PhD Student  
City University of  
Hong Kong

**Mentor: Kannie  
W.Y. Chan**

**Sci Adv 2020; 6 (20):eaba3884. Altered D-glucose in brain parenchyma and 1 cerebrospinal fluid of early Alzheimer's disease detected by dynamic glucose enhanced MRI. Huang J, van Zijl PCM, Han X, Dong CM, Cheng GWY, Tse KH, Knutsson L, Chen L, Lai JHC, Wu EX, Xu J\*, Chan KWY**

# OCSMRM Young Investigator Award (YIA)

## 1<sup>st</sup> Place



**Lin Chen, Ph.D.**  
Postdoc  
Johns Hopkins University

**Mentor: Peter van Zijl**

**Nature Communications** 2020;11(1):1072.

**In vivo imaging of phosphocreatine with artificial neural networks.**

**Chen L, Schar M, ChanKWY, Huang J, Wei Z, Lu H, QinQ, Weiss R, van Zijl P, Xu J.**