

Computer Vision, Biomedical Image Processing, and Machine Learning

Biomedical Imaging (NSF CAREER, 2014-2019)

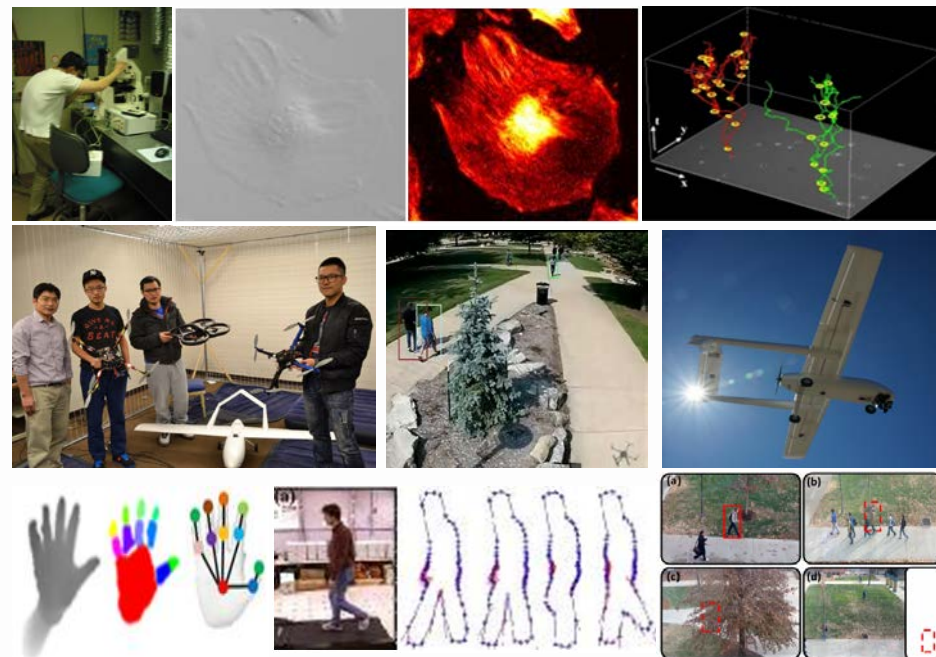
- Computational Microscopy Imaging
- Optics-oriented Image Analysis
- Crowd Computing for Biology Discovery

Computer Vision and Machine Learning (NSF EPSCoR, 2014-2019)

- Object Detection, Modeling, Tracking and Recognition
- Transfer Learning, Active Learning
- Active Perception, Cognition and Action

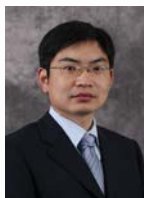
Cyber-Physical Sensing, Modeling and Control (NSF CPS, 2017-2020)

- Fusing Visual and Heterogeneous Sensory Signals
- Human Action/Behavior Modeling and Control



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Recent Funding

Industry, Mid-America Transportation Center, Missouri
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Keywords

- #Biomedical Image, #Computer Vision, #Machine Learning, #Image Processing, #Multimedia, #Ubiquitous Computing

Recognitions

- Area Chair: MICCAI2015, CVPR2017, WACV2016/2018
- Award: CVPRW Best Paper Award, 2015.
- Award: NSF CAREER Award, 2014.
- Award: MICCAI Young Scientist Award, 2010, 2012, 2015.
- Award: CVPR Best Doctoral Spotlight Award, 2009.