

JHU School of Medicine,
The Center for Cell Dynamics and
The Department of Biomedical Engineering
present faculty candidate

Ge Yang, Ph.D.

***The Scripps Research Institute,
Department of Cell Biology***

**Metaphase Spindle Architecture and
Molecular Motor Coordination
Revealed by Model Driven Computer Vision**

Thursday, April 3

2:00 PM

WBSB Lecture Hall

Ground floor WBSB

Hosted by: Dr. Denise Montell and Dr. David Yue

Ge Yang's research combines advanced image analysis techniques, cutting edge fluorescence microscopy, and application to basic questions of nuclear replication and protein transport in axons. His undergraduate training is in electrical and mechanical engineering (applied math minor) at Tsinghua. His PhD is in automation of microscopes for MEMS applications at Univ. of Minn. His current postdoctoral fellowship is at the Scripps with a top lab combining cell biological questions and advanced imaging analysis (Danuser lab). Ge Yang has recent first author papers in Nature Cell Biology, Journal of Cell Biology, with many others on the way.

As a faculty candidate who combines molecular imaging, computer vision, and computational biology—all on the trail of rich biology—Ge Yang should provide us with a most interesting seminar spanning many of the exciting dimensions that BME aspires to.