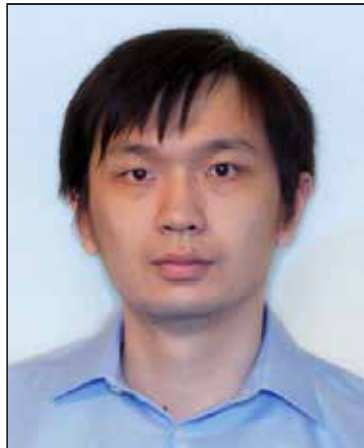


Cryo-EM Image Analysis

Faculty Candidate Seminar

Morgridge Institute / Biochemistry / Biostatistics & Medical Informatics Joint Search



**Muyuan
Chen**

Baylor College of Medicine

Determining Protein Structures Within Cells Using Cryo-Electron Tomography

9:30AM, Thursday, February 28th

Chen M, Baker ML (2018) Automation and assessment of de novo modeling with Pathwalking in near atomic resolution cryoEM density maps. *J Structural Biology* 204:555-563.

Bell JM, Chen M, Durmaz T, Fluty AC, Ludtke SJ (2018) New software tools in EMAN2 inspired by EMDataBank map challenge. *J Structural Biology* 204:283-290.

Chen M, Dai W, Sun SY, Jonasch D, He CY, Schmid ME, Chiu W, Ludtke SJ (2017). Convolutional neural networks for automated annotation of cellular cryo-electron tomograms. *Nature Methods* 14: 983-985

Room 1211, HFD Biochemical Sciences Building