

Scott D. Huber

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EXPERIENCE

- Graduate Research Assistant* 2015-present
Kural Lab, The Ohio State University, Columbus, OH
- Adapted and applied particle tracking software to microscope image sequences
 - Analyzed gigabyte-sized particle trajectory data sets to find trends
 - Tested hypotheses using statistics and simulations
 - Developed new methods to display trends in my data in an intuitive manner
 - Presented findings as well as current research at weekly group meetings and poster sessions
- Graduate Teaching Assistant* 2012-2015
The Ohio State University, Columbus, OH
- Instructed students in recitation and laboratory classes
 - Evaluated homework and exams

SELECTED PUBLICATIONS

- “Deciphering dynamics of clathrin-mediated endocytosis in a living organism”
Joshua P. Ferguson, Nathan M. Willy, Spencer P. Heidotting, Scott D. Huber, Matthew J. Webber, Comert Kural. J Cell Biol, 2016
- “Mechanoregulation of clathrin-mediated endocytosis”
Joshua P. Ferguson, Scott D. Huber, Nathan M. Willy, Esra Aygün, Sevde Goker, Tugba Atabey, Comert Kural. J Cell Sci, 2017

SKILLS

- Programming:** MATLAB, Python, LATEX, and batch processing/supercomputing
Scientific toolset: Statistical hypothesis testing, academic math and science background
Presentation skills: PowerPoint, GIMP, presentation experience to audiences with different levels of subject-matter familiarity
Analysis specialties: Image-based data sets, graphical representation of complex data

EDUCATION

- Doctorate of Philosophy, Physics* December 2018
The Ohio State University, Columbus, OH
Concentration: Biophysics
- Masters of Science, Physics* 2015
The Ohio State University, Columbus, OH
Concentration: Biophysics
- Bachelor of Science, Physics* 2012
The University of Illinois, Urbana, IL,
Minor: Mathematics