

Spring 2016 CPLC/Biophysics Graduate Student and Postdoc Symposium

Thursday, May 26 | 9am-12:30pm | Room 204 Loomis

Harry Mickalide

Evolution of *E. coli* motility through a porous medium

Kevin Teng

Intracellular labeling of live cells via reversible membrane permeabilization for super-resolution fluorescence microscopy

Caitlin Davis

***In vitro* and live-cell assembly of spliceosome components**

Alex Moffett

Molecular models of plant growth signaling

William Arnold

Kinetics of CYP2J2-mediated cardioprotection and cardiotoxicity

Anish Shenoy

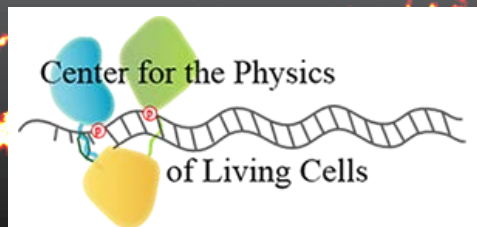
Stokes trap for multiplexed particle manipulation and assembly using fluids

Marian Breuer

A steady-state metabolic model of a minimal cell

Minji Kim

Quantitative analysis and prediction of G-quadruplex forming sequences



Center for Biophysics and Quantitative Biology

background STORM image courtesy of Yeon Youn

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Student Hosts: Marian Breuer and Gloria Lee

9:00 a.m. Continental Breakfast

9:30 a.m. **Harry Mickalide** (Kuehn group)
Evolution of *E. coli* motility through a porous medium

9:50 a.m. **Kevin Teng** (Selvin group)
Intracellular labeling of live cells via reversible membrane permeabilization for super-resolution fluorescence microscopy

10:10 a.m. **Caitlin Davis** (Gruebele group)
In vitro and live-cell assembly of spliceosome components

10:30 a.m. Coffee Break

10:40 a.m. **Alex Moffett** (Shukla group)
Molecular models of plant growth signaling

11:00 a.m. **William Arnold** (Das group)
Kinetics of CYP2J2-mediated cardioprotection and cardiotoxicity

11:20 a.m. **Anish Shenoy** (Schroeder group)
Stokes trap for multiplexed particle manipulation and assembly using fluids

11:40 a.m. Coffee Break

11:50 a.m. **Marian Breuer** (Luthey-Schulten group)
A steady-state metabolic model of a minimal cell

12:10 a.m. **Minji Kim** (Song group)
Quantitative analysis and prediction of G-quadruplex forming sequences

12:30 p.m. Voting for best speaker prizes, lunch, and announcement of best speaker prizes