CBSR-Research Technologies Seminar Series

Moving Molecules with Light: Introducing the LUMICKS C-Trap

Presenter: Shane R. Nelson, PhD, Molecular Physiology and Biophysics

Wednesday, December 13, 2023 - HSRF 200 - Noon-1pm

Come join us! In-Person – Lunch will be served

or attend via Zoom Link: https://uvmcom.zoom.us/j/95519152555?from=addon

In this seminar, learn about the LUMICKS C-Trap and how it can benefit your research. The C-trap combines optical tweezers, fluorescence and bright-field microscopy and microfluidics to enable simultaneous manipulation, measurement and visualization of samples in real time. The system has wide-ranging application, including protein-protein and protein-DNA interactions, protein folding, mechanobiology and even phase-separated materials.