Center for cellular mechanics

Intellectual motivation:
Mechanical micro-environment plays a role on cell functionality - mechanics matters

Goal: Foster fundamental breakthroughs and advances in cell mechanics

Approach: Bring together expertise from UIUC and beyond

Activities: scientific meetings, summer workshops, student fellowships

Outcome: several projects initiated and funded through center activities

A bridge spanning UIUC strengths

Cell biology

Nano-micro technology

Mechanics and Biophysics

Imaging and analysis