

SOCIETY OF PHYSICS STUDENTS (SPS) SEMINAR

Choose Ohio First (COF-Math) EVENT:

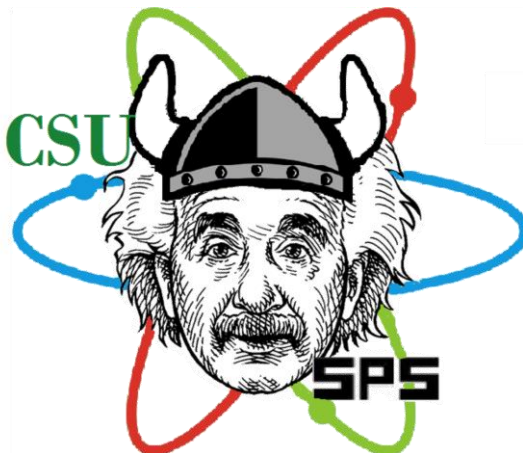
"Mechanosensation and the Primary Cilium: Definition of an interdisciplinary problem"



Professor Andrew Resnick

*Department of Physics,
Cleveland State University*

Our laboratory primarily focuses on how cells in your kidney sense and respond to fluid flow. The hypothesized sensor, the primary cilium, is a ubiquitous protruding hair-like structure that has been shown to be an 'organizing center' for a large number of regulatory pathways. Our studies show how fluid flow, in itself, can regulate cell and tissue biology and may reveal new methods of cell cycle control and potential breakthroughs in in vitro tissue engineering.



WHERE: SR - 151

WHEN: 11:30am-12:15pm

THURSDAY, NOV. 9, 2017

Pizza and Soda are provided!