

MASSRY PRIZE 2013

The 2013 Massry Prize is being awarded to a trio of scientists for their work defining molecular mechanisms of “intracellular motility.” This fundamental process involves the deployment of “molecular machines” to move cargo on “molecular tracks” that are part of the cell’s skeleton. The quest to understand these mechanisms energized many investigators, but it was Drs. Sheetz, Spudich and Vale who first isolated the tracks with their motors from cells, demonstrated the rapid transport of cargo, and showed how the motors use chemical energy to produce such remarkable movement.

October 10, 2013
1 - 2:30 p.m.

*Refreshments will be served
from 12:30 p.m. - 1 p.m.*

Order of Speakers
James A. Spudich, PhD
Ronald D. Vale, PhD
Michael Sheetz, PhD

Aresty Auditorium NRT LG
1450 Biggy St., Lower Ground
Los Angeles, CA 90033

Keck School of
Medicine of **USC**



Michael Sheetz, PhD

Director of the RCE in Mechanobiology at NUS,
William R. Kenan, Jr. Professor of Biological Sciences,
Columbia University

Lecture: “*Mechanosensing by Controlled Myosin Contractions*”



James A. Spudich, PhD

Douglass M. and Nola Leishman Professor of
Cardiovascular Disease Department of Biochemistry,
Stanford University

Lecture: “*The Myosin Family of Molecular Motors: Nature’s Exquisite Nanomachines*”



Ronald D. Vale, PhD

Professor of the Department of Cellular and Molecular
Pharmacology, University of California, San Francisco;
Investigator in the Howard Hughes Medical Institute.

Lecture: “*Mechanisms of Microtubule-Based Motors*”

*All faculty, staff and students are
welcome to attend.*

Reserve your space online at:

*<http://keckapps.usc.edu/esvp>
(Code: Massry2013)*

Live webcast is available at:

<http://keckmedia.usc.edu/mediasite/Catalog/catalogs/massry.aspx>