



STANFORD
BIO-X

STANFORD BIO-X FRONTIERS IN INTERDISCIPLINARY BIOSCIENCES 2015/2016 SEMINAR SERIES



STANFORD
BIO-X

SMALL LUNCH SERVED AT 12:00PM; LECTURES BEGIN AT 12:15PM
PRE-SEMINARS IN CLARK CENTER ROOM S361; SEMINARS IN CLARK CENTER ROOM S360

Students, Enroll in ChemEng 459 each quarter and attend Seminars for 1 unit: <https://biox.stanford.edu/get-involved/seminar-series>



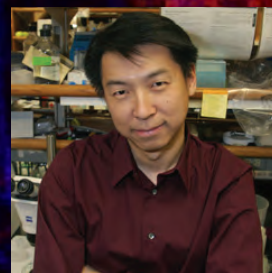
Judith Frydman



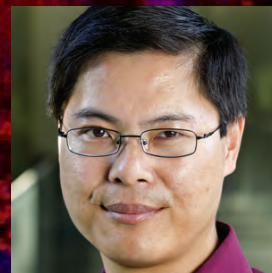
Michelle Monje



Peter Kim



Kang Shen



Michael Lin



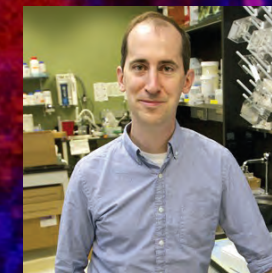
Joseph Liao



Bianxiao Cui



Ovijit Chaudhuri



Alexander Dunn

FALL QUARTER

September 29, 2015

Pre-Seminar Speaker: Judith Frydman, Departments of Biology and Genetics

October 1, 2015

Seminar Speaker: Eugene Shakhnovich, Harvard University

"Merging Molecular Mechanism and Evolution: Theoretical Concepts and Experimental Explorations of Biophysical Fitness Landscapes"

October 27, 2015

Pre-Seminar Speaker: Michelle Monje, Department of Neurology

October 29, 2015

Seminar Speaker: Sarah Knox, UCSF

"Nerve-Stem Cell Interactions During Organ Development and Regeneration"

December 1, 2015

Pre-Seminar Speaker: Peter Kim, Department of Biochemistry

December 3, 2015

Seminar Speaker: Susan Marqusee, UC Berkeley

"Sequence and Environmental Determinants of a Protein's Energy Landscape"

WINTER QUARTER

January 12, 2016

Pre-Seminar Speaker: Kang Shen, Departments of Biology and Pathology

January 14, 2016

Seminar Speaker: Jennifer Lippincott-Schwartz, NIH

"Cell Survival Under Starvation"

February 9, 2016

Pre-Seminar Speaker: Michael Lin, Departments of Pediatrics and Bioengineering

February 11, 2016

Seminar Speaker: David Schaffer, UC Berkeley

"Novel Technologies to Investigate the Stem Cell Niche"

March 8, 2016

Pre-Seminar Speaker: Joe Liao, Department of Urology

March 10, 2016

Seminar Speaker: Jeff Tza-Huei Wang, Johns Hopkins University

"Discerning Rare Disease Biomarkers by Micro- and Nanotechnologies"

SPRING QUARTER

April 5, 2016

Pre-Seminar Speaker: Bianxiao Cui, Department of Chemistry

April 7, 2016

Seminar Speaker: Chandra Tucker, University of Colorado at Denver

"Optical Control and Interrogation of Protein Activity Using Engineered Photoreceptors"

April 26, 2016

Pre-Seminar Speaker: Ovijit Chaudhuri, Department of Mechanical Engineering

April 28, 2016

Seminar Speaker: Linda Griffith, MIT

"Integration of Systems Biology, Tissue Engineering, and Microdevices for Drug Development"

May 17, 2016

Pre-Seminar Speaker: Alexander Dunn, Department of Chemical Engineering

May 19, 2016

Seminar Speaker: Roger Kamm, MIT

"In vitro Vascularized Constructs as Models of Metastatic Cancer"

Eugene Shakhnovich



Sarah Knox



Susan Marqusee



Jennifer Lippincott-Schwartz



David Schaffer



Jeff Tza-Huei Wang



Chandra Tucker



Linda Griffith



Roger Kamm

