



STANFORD BIO-X FRONTIERS IN INTERDISCIPLINARY BIOSCIENCES/CHEMENG 459 COURSE

2019/2020 SEMINAR SERIES



REFRESHMENTS SERVED AT 3:45PM; LECTURES BEGIN AT 4:00PM (EXCEPTION: APRIL 7, 2020 LECTURE BEGINS AT 5:00PM)
 PRE-SEMINARS IN CLARK CENTER SEMINAR ROOM S361; SEMINARS IN CLARK CENTER SEMINAR ROOM S360
 Students, enroll in ChemEng 459 each quarter and attend seminars for 1 unit: biox.stanford.edu/get-involved/seminar-series

FALL QUARTER

WINTER QUARTER

SPRING QUARTER



October 1, 2019
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **Sarah Heilshorn**, Department of Materials Science & Engineering



October 3, 2019
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Tatiana Segura**, Biomedical Engineering, Duke University
"Injection of Hyaluronic Acid Particle Hydrogels after Ischemic Stroke Dictates Phenotypic Changes in Astrocytes"



January 14, 2020
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **Julia Salzman**, Departments of Biochemistry and of Biomedical Data Science



January 16, 2020
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Barbara Engelhardt**, Computer Science, Princeton University
"Understanding How Environment Influences Cells through Paired Images and Gene Expression Data"



April 7, 2020
 5:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **Aaron Gitler**, Department of Genetics



April 9, 2020
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Nancy Bonini**, Biology, University of Pennsylvania
"Genetic Insight into Neurodegenerative Disease from Drosophila"



October 22, 2019
 4:00PM, Clark Center Seminar Room S361
R&D Career Panel:
 Industry Insights & Scientific Careers Path in Biotech
Panelists:

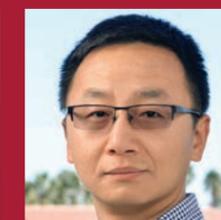
Jennifer Hellawell, Medical Director, Amgen
Zhulun Wang, Executive Director, Therapeutic Discovery, Amgen
Robert Loberg, Executive Director, Clinical Biomarkers, Amgen



February 18, 2020
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **Ovijit Chaudhuri**, Department of Mechanical Engineering



February 20, 2020
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Kenneth Yamada**, Laboratory of Cell & Developmental Biology, NIH NIDCR
"Dynamics of 3D Cell Migration and Organogenesis"



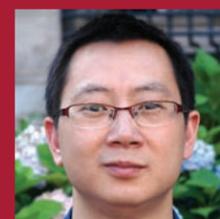
April 28, 2020
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speakers: **Jian Qin**, Department of Chemical Engineering



April 30, 2020
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Arup Chakraborty**, Chemical Engineering, Physics, Chemistry, and Biological Engineering, MIT
"How to Hit Highly Mutable Pathogens Where It Hurts"



November 12, 2019
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **James Spudich**, Department of Biochemistry



March 3, 2020
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **Xiaoke Chen**, Department of Biology



May 19, 2020
 4:00PM, Clark Center Seminar Room S361
 Pre-Seminar Speaker: **Shamit Kachru**, Department of Physics



November 14, 2019
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Richard Lieber**, Physical Medicine & Rehabilitation and Physiology, Northwestern University
"Intraoperative and Laboratory Studies of Human Muscle Contractures"



March 5, 2020
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Yi Zhang**, Pediatrics and Genetics, Harvard University and Boston Children's Hospital
"Understanding the Brain Reward System"



May 21, 2020
 4:00PM, Clark Center Seminar Room S360
 Seminar Speaker: **Nigel Goldenfeld**, Physics and Genomic Biology, University of Illinois at Urbana-Champaign
"Diversity, Co-Evolution and Stability of Microbe-Phage Communities"