



The ICE IGERT Graduate Seminar is proud to present another exciting line-up of cellular engineering seminars. We thank our affiliated departments for inviting these great speakers to campus! We encourage the entire ICE community to attend the below seminars.

Although the schedule is unavoidably challenging (varying days/times and unbalanced weeks), it is our expectation that students registered for Chem-Eng 797D credit attend most (if not all) sessions. Thank you for participating, and enjoy!

Spring 2011 ICE IGERT Graduate Seminar (Chem-Eng 797D)			
Date	Description	Time & Location	Hosting Program/Faculty
Wed, 1/26/11	Jason Ernst Postdoctoral Fellow, Computational Biology Group Computer Science and Artificial Intelligence Laboratory Massachusetts Institute of Technology, MIT <i>"Computational Regulatory Genomics and Epigenomics in Human, Fly, and Yeast"</i>	4:00 PM Computer Science Bldg. Room 150/151	Computer Science, Prof. Jensen
Tues, 2/1/11	Yasu Morita Research Institute for Microbial Diseases Osaka University <i>"Metabolism of Inositol Lipids in Mycobacteria: Achilles' Heel of the Cell Wall Integrity?"</i>	11:15 AM N201 Morrill IV	Microbiology, Prof. Griffith
Thurs, 2/10/11	Tae-Hee Lee Dept. of Chemistry & Huck Institute of the Life Sciences Penn State <i>"Effects of Chromatin Modifications on the Single Molecule Dynamics of Nucleosomes"</i>	11:15 AM 1634 LGRT	Chemistry, Prof. Barnes
Fri, 2/18/11	Tatiana Segura Dept. of Chemical & Biomolecular Engineering University of California at Los Angeles <i>"Hydrogel Scaffolds for Gene Delivery and Stem Cell Transplantation"</i>	3:30 PM A110-111 Conte	PSE Prof. Bermudez
Thurs, 2/24/11	Brian Bahnson Dept. of Chemistry & Biochemistry University of Delaware <i>"Physiological & Bioscavenger Roles of Phospholipase A2 Enzymes"</i>	11:15 AM 1634 LGRT	Chemistry, Prof. Knapp
Tues, 3/1/11	NORDIN SYMPOSIUM (sponsored by Biochemistry & Molecular Biology) David Agard Dept. of Biochemistry & Biophysics University of California, San Francisco <i>"The Structure and Mechanism of the Hsp90 Molecular Chaperone: A Ubiquitous Facilitator of Cellular Signaling"</i>	4:00 PM 135 ISB	BMB, Prof. Chien
Mon, 3/7/11	Yoseph Barash Senior Research Fellow University of Toronto <i>"Towards a Computational Model of the RNA World: Deriving the Code for Alternative Splicing"</i>	4:00 PM Computer Science Bldg. Room 150/151	Computer Science, Prof. McCallum & Prof. Ballesteros

Spring Break – No Seminar (March 14 – 18, 2011)			
Thurs, 3/24/11	Terri Long Dept. of Biological Sciences University of Illinois, Chicago <i>"POPEYE, BRUTUS and Other Characters: Molecular Mechanisms of the Iron Deficiency Response in Plant Roots"</i>	4:00 PM 222 Morrill 2	Plant Biology Prof. Walker
Note: TWO Seminars are required this week (in lieu of seminar the week of April 18)			
Tues, 3/29/11	James McKerrow Dept. of Pathology University of California, San Francisco <i>"Parasite proteases: Lessons in cell biology and drug design"</i>	4:00 PM 221 ISB	MCB, David Bruhn (grad student)
Thurs, 3/31/11	Dr. Francesco Pingitore Codexis , Inc. <i>"Characterization of Microbial Metabolites by Mass Spectrometry"</i>	11:15 AM 1634 LGRT	Chemistry, Prof. D'Alonzo
Tues, 4/5/11	Wendy Gilbert Dept. of Biology Massachusetts Institute of Technology, MIT <i>"Functional Specialization of Eukaryotic Ribosomes"</i>	11:15 AM N201 Morrill IV	Microbiology, Prof. Griffith
Fri, 4/15/11	Younan Xia Dept. of Biomedical Engineering Washington University <i>"Putting Electrospun Nanofibers to Work for Biomedical Research"</i>	3:30 PM A110-111 Conte	PSE Prof. Briseno
No Seminar (Week of April 18-22)			
Thurs, 4/28/11	Amy Barrios Department of Medicinal Chemistry University of Utah <i>"Chemical Probes put Tyrosine Phosphatases in the Spotlight"</i>	11:15 AM 1634 LGRT	Chemistry, Prof. Hardy
Thurs, 5/5/11	Daniel T. Kamei Department of Bioengineering University of California, Los Angeles <i>"Cell Traffic Control: Applications in Cancer Drug Delivery"</i>	11:15 AM 1634 LGRT	Chemistry, Prof. Kaltashov

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