



Seminar Schedule 2012 - 2013

2013-06-04

Polymeric biomaterials for combination drug delivery

Asst. Prof. Kim Woodrow, University of Washington - Dept. of Bioengineering

2013-05-28

RNA Fitness Landscapes

Asst. Prof. Irene Ann Chen, University of California, Santa Barbara - Dept. of Chemistry and Biochemistry

2013-05-21

Phage Panning, Peptides and Polymers: From ligand identification to in vivo applications for drug delivery

Assoc. Prof. Suzie Pun, University of Washington - Dept. of Bioengineering

2013-05-14

Photonic devices in motion

Asst. Prof. Mo Li, University of Minnesota, Twin Cities - Dept. of Electrical and Computer

2013-05-07

Mucus Penetrating Nanoparticles

Justin S Hanes, Johns Hopkins University - Center for Nanomedicine

2013-04-30

Developing the Biotechnological Toolbox: Biofabrication at the Intersection of Synthetic Biology and Microelectronics

Prof. William E. Bentley, University of Maryland - Fischell Department of Bioengineering

2013-04-23

Optically-active hybrid nanostructures: Exciton-plasmon interaction, Fano effect, and plasmonic chirality

Prof. Alexander O. Govorov, Ohio University - Dept. of Physics and Astronomy

2013-04-16

Programmable Nanotherapeutics and Organs on Chips

Donald E. Ingber, M.D., Ph.D., Harvard University - Bioengineering

2013-04-09

Designer vesicles from synthetic surfactants - block-co-polymers and recombinant proteins

Professor Daniel Hammer, University of Pennsylvania - Chemical Engineering and Biological Engineering

2013-04-02

Basic Introduction to Intellectual Property and the University of Washington's role in Developing and Commercializing Intellectual Property

Todd E. North, University of Washington - C4C

2013-03-12

Hybrid Quantum Devices with Single Spins in Diamond

Asst. Prof. Gurudev Dutt, University of Pittsburgh - Physics and Astronomy

2013-03-05

Self-assembly at the solid surface: Models and mechanisms

Asst. Prof. Irina Paci, University of Victoria - Dept. of Chemistry

2013-02-26

Thermal Transport in Graphene and Other Two-Dimensional Layered Materials

Prof. Li Shi, University of Texas at Austin - Dept. of Mechanical Engineering

2013-02-19

Unconventional Magnetic Ordering in Quantum Dots

Assoc. Prof. Igor Zutic, University at Buffalo - Dept. of Physics

2013-02-05

Enabling and Disrupting Impacts of Interfaces in Energy Systems

Dawn Bonnell, University of Pennsylvania - Materials Science and Engineering

2013-01-29

Mind the gap: quantum effects and high-frequency magnetism in plasmonic particle junctions
Jennifer A. Dionne, Stanford University - Materials Science and Engineering

2013-01-22

Structural and functional studies of membrane proteins using cryoEM and nanomaterials
Asst. Prof. Ligu Wang, University of Washington - Biological Structures

2013-01-15

Thermo-targeted Chemotherapy to Clean Dirty Tumor Margins
Asst. Prof. Darin Furgeson, University of Utah - Dept. of Pharmaceutics & Pharmaceutical Chemistry

2013-01-08

Designable genetic control systems for synthetic biology
Asst. Prof. James M. Carothers, University of Washington - Chemical Engineering & Member, Molecular Engineering and Sciences Institute

2012-12-04

Microtip Immunosensor for Point-of-Care Diagnosis of Tuberculosis
Assoc. Prof. Jae-Hyun Chung, University of Washington - Mechanical Engineering

2012-11-27

Models and measurements of molecular motors in moving muscle: new views of classic problems
Prof. Tom Daniel, University of Washington - Biology

2012-11-20

Pushing or pulling- How the cell finds its center
Asst. Prof. Tanmay Lele, University of Florida - Chemical Engineering

2012-11-13

Platelet Mechanobiology: Nanoscale Force Measurements and Microfluidic Shear Gradients using Soft Lithography Approaches
Asst. Prof. Nathan J. Sniadecki, University of Washington - Mechanical Engineering

2012-11-06

Optical Probing Novel 2D Electronic Systems
Sanfeng Wu, University of Washington - Dept. of Physics

2012-10-30

Dislocation-Driven Nanomaterial Growth and Solar Energy Conversion Using Earth-Abundant Semiconductor Nanomaterials
Prof. Song Jin, University of Wisconsin-Madison - Dept. of Chemistry

2012-10-23

Advanced Materials for Energy: Challenges for Design and Characterization
Prof. Keith Stevenson, University of Texas, Austin - Dept. of Chemistry

2012-10-16

No Seminar

2012-10-09

Environmental Nanotechnology: From Nanoprospecting to Global Descriptors for Environmental Modeling
Prof. Paul Westerhoff, Arizona State University - Engineering Center

2012-10-02

Applications of STEM/EELS to Plasmon-related Effects in Optical Spectroscopy
Asst. Prof. Jon P. Camden, University of Tennessee, Knoxville - Dept. of Chemistry



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