

Bio-X “Talks in English”

July 28, 2008

Speaker: Susan Holmes, Statistics

Looking at the Data; all the data. How multivariate spatial data can help us see Biology in Situ.

February 11, 2008

Speaker: Kang Shen, Biological Sciences

"Can tiny worms tell us how the brain is wired? "

December 5, 2007

Speaker: Jennifer Raymond, Neurobiology

Neural "learning rules" for tuning motor programs

November 1, 2007

Speaker: Karl Deisseroth, Bioengineering

"Bioengineering technology applied to the hard problems of psychiatry"

October 18, 2007

Speaker: Dmitri Petrov, Biological Sciences

"Genomics and the Death of the Neutral Theory"

October 3, 2007

Speaker: Gill Bejerano, Developmental Biology

"All your base are belong to us: Tales from the dark side of your genome"

September 27, 2007

Speaker: Daria Mochly-Rosen, Chemical and Systems Biology

"Induced fit, memory, and curing the heart: from bench to bed side"

September 12, 2007

Speaker: Sarah Heilshorn, Materials Science and Engineering

"Engineering the Cellular Environment: Substrates, Scaffolds, and Concentration Gradients"

May 10, 2007

Speaker: Marc Levoy, Computer Science and Electrical Engineering

"Light-field photography: cameras and microscopes whose perspective viewpoint and plane of focus you can change after you take the picture"

November 15, 2006

Speaker: Richard Luthy, Civil and Environmental Engineering

"New Perspectives on Sediment Cleanup for Protection of Human Health and the Environment"

July 19th, 2006

Speaker: Beth Pruitt, Mechanical Engineering
"Microsystems for studying mechanotransduction"

May 17, 2006

Speaker: Stephen Quake, Bioengineering
"Microfluidics: how and why small plumbing is changing biology"

April 13, 2006

Speaker: Lucy Shapiro, Developmental Biology
"Spatial and Temporal Control of a Multicomponent Genetic Network"

March 7, 2006

Speaker: Sanjiv Sam Gambhir, Radiology
"Imag(in)ing the Future of Molecular Imaging"

April 19, 2005

Speakers: Richard Zare (Chemistry)
"Counting on This: A search for low copy number proteins in cells"

Harley McAdams (Developmental Biology)
"A biochemical control system operates the bacterial cell"

Commentators: Mike Cherry (Genetics), Matthew Scott (Developmental Biology) and James Ferrell (Molecular Pharmacology)

February 23, 2004

Speakers: Jim Spudich (Biochemistry), Claire Tomlin (Astronautics & Aeronautics)
Commentators: Scott Delp (Bioengineering), Hank Greely (Law) and Tony Oro (Dermatology)