January 12, 2012
Charlie Boone, Ph.D.
School of Medicine, UC San Diego
The Genetic Landscape of a Cell

January 19, 2012
Lucila Ohno-Machado, M.D., Ph.D.
Biomedical Informatics, School of Medicine, UC San Diego
Clinical Decision Support: What does it have to do with Bioinformatics?

January 26, 2012
James Carothers, Ph.D.
Biotechnology
RNA-based Genetic Control Systems Design

February 2, 2012 (Please note change of venue to Powell-Focht Bioengineering Hall-Fung Auditorium)
Ilya Shmulevich, Ph.D.
Institutes for Systems Biology, University of Washington
Integrative Analysis and Interactive Exploration of Data from The Cancer Genome

February 9, 2012
Stephen Briggs, Ph.D.
Proteomics, University of California, San Diego
Characterization of organisms by peptide mass spectrometry

February 16, 2012
Jason Papin, Ph.D.
Systems Biology, University of Virginia
Network analysis of human pathogens

February 23, 2012
Jonathan Pritchard, Ph.D.
Genomics, University of Chicago
Understanding and exploiting the modular logic of cell signaling systems

March 1, 2012
Joe Ecker, Ph.D.
Epigenomics, Salk Institute, San Diego
DNA Methylation Dynamics in the Epigenomes of Plants and People

March 8, 2012
Alexander Hartemink, Ph.D.
Network Biology, Duke University
TBA

March 15, 2012
Aleksander Popel, Ph.D.
Molecular Biology, Princeton
Systems Biology of Angiogenesis – From Molecules to Therapy