

FIRST UCSD BIOINFORMATICS EXPO

February 27th 2009

09:00-09:30	Breakfast & Poster set up
09:30-09:40	Opening remarks by Chair
09:40-10:45	Faculty Presentations
	<p>"Genome-wide Sequencing of Cytosine Methylation" Joseph Ecker Professor, Plant Molecular and Cellular Biology, Salk Institute</p>
	<p>"State-Specific Control of Transcription thru Variant Splicing and MicroRNAs" Terry Gaasterland Professor and Director, Scripps Genome Center Scripps Institution of Oceanography, UC San Diego</p>
	<p>"Individualized Genomics" Pauline Ng Senior Scientist, Genomic Medicine J. Craig Venter Institute</p>
	<p>"Human Genetic Variation and its Contribution to Complex Traits" Kelly Frazer Professor, Molecular and Experimental Medicine, The Scripps Research Institute</p>
10:30-10:45	Coffee break
10:45-12:30	Bioinformatics and Systems Biology Graduate Student Presentations
	<p>"Functional Maps of Protein Complexes from Quantitative Genetic Interaction Data" Sourav Bandyopadhyay</p>
	<p>"Optimization of Primer Design for Detection of Variable Genomic Lesions in Cancer" Ali Bashir</p>
	<p>"Deciphering the Human Epigenome" Gary Hon</p>
	<p>"Design of Synthetic HIV-1 Therapy Virus to Halt the AIDS at the Population Level" Harish Nagarajan</p>
	<p>"Dereplication and Sequencing of Non-Ribosomal Peptides" Julio Ng</p>
	<p>"Genome-scale Reconstruction of Escherichia Coli's Transcriptional and Translational Machinery" Ines Thiele</p>
12:30-12:50	Prospective Student Welcome
12:50-2:00	Lunch with Students
2:00-3:30	Faculty Presentations
	<p>"New Challenges and Opportunities in Protein Network Analysis" Trey Ideker Associate Professor, Bioengineering, UC San Diego</p>
	<p>"Systems Biology of Metabolism" Bernhard Palsson Professor, Bioengineering, UC San Diego</p>
	<p>"Mammalian Systems Biology: Mechanisms, Networks, Models and Phenotypes" Shankar Subramaniam Professor, Bioengineering, Chemistry & Biochemistry, UC San Diego</p>
	<p>"Cis-regulation in the Human Genome" Kun Zhang Assistant Professor, Bioengineering, UC San Diego</p>
	<p>"A Temporal Code for Stress-Response Signaling" Alex Hoffman Associate Professor, Chemistry Tumor Growth, Invasion & Metastasis Program, UC San Diego</p>
3:30-4:00	Panel discussion/ Meet with faculty
4:00-5:00	Poster Viewing /Meet with faculty
5:00-6:00	Catered Reception



Name Badges required for food. For more information, please contact Graduate Coordinator, Laura Gracia at (858) 822-4948 or lgracia@ucsd.edu