

# Share Your Genetic Energy

The 2011 Illumina User Group Meeting



## Bay Area User Group Meeting Agenda

Mission Bay Conference Center at UCSF  
Wednesday, August 3<sup>rd</sup>, 2011

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8:00 a.m. – 9:00 a.m.	Registration/Continental Breakfast	Robertson Auditorium Foyer
9:00 a.m. – 10:45 a.m.	General Session	Robertson Auditorium
9:00 a.m. – 9:15 a.m.	<b>Welcome/Opening Remarks</b> <i>Gary Schroth, Distinguished Scientist, Illumina, Inc.</i>	
9:15 a.m. – 9:45 a.m.	<b>"Adventures in Personal Genomics – Insights from the Analysis of Personal Genomes."</b> <i>Michael Snyder, Ph.D., Professor and Chair of Genetics, Dir., Stanford Center for Genomics and Personalized Medicine</i>	
9:45 a.m. – 10:15 a.m.	<b>"Metagenome Science at the JGI"</b> <i>Susannah Tringe, Ph.D., Microbial Systems Group Lead, DOE Joint Genome Institute</i>	
10:15 a.m. – 10:30 a.m.	Coffee Break/Vendor Faire	Robertson Auditorium Foyer
10:30 a.m. – 11:50 a.m.	General Session	Robertson Auditorium
10:30 a.m. – 11:00 a.m.	<b>"Exome Sequencing: A Comparison of Enrichment Technologies"</b> <i>Michael J. Clark, Ph.D., Postdoctoral Fellow, Dept. of Genetics, Stanford University</i>	
11:00 a.m. – 11:30 a.m.	<b>"Sequencing Virus-Host Interactions"</b> <i>Xinxia Peng, Ph.D., Senior Research Scientist, University of Washington</i>	
11:30 a.m. – 11:50 a.m.	<b>"MiSeq - A Sequencer for Every Lab"</b> <i>Rob Tarbox, MiSeq Product Manager, Illumina, Inc.</i>	
11:50 a.m. – 12:50 p.m.	Lunch/Vendor Faire	Fisher Banquet Room
12:50 p.m. – 2:10 p.m.	General Session	Robertson Auditorium
12:50 p.m. – 1:20 p.m.	<b>"Transcriptome Analysis of Mammary Tumorigenesis in a Mouse Model of DCIS"</b> <i>Clifford G. Tepper, Ph.D., Associate Research Biochemist, Dept. of Biochemistry &amp; Molecular Medicine, UC Davis Cancer Center</i>	
1:20 p.m. – 1:50 p.m.	<b>"Comparison of Methods for Sequencing-Based DNA Methylation Profiling"</b> <i>Ravi Nagarajan, Ph.D. Senior Postdoctoral Fellow, Department of Neurological Surgery, UCSF</i>	

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**1:50 p.m. – 2:10 p.m. "Analyzing MY genomic data. My tools. My results."**  
*Jordan Stockton, Assoc. Director, Product Marketing, Illumina, Inc.*

**2:15 p.m. – 3:00 p.m. Breakout Sessions**

**Sample Prep & Run Optimization**

*Marc Rosoff, Field Application Scientist,  
Illumina, Inc.  
Kristen Dietrich, Technical Application Scientist,  
Illumina, Inc.*

**Robertson  
Auditorium**

**Data Analysis Breakout Session**

*Jean Lozach, Bioinformatics Manager,  
Illumina, Inc.*

**Fisher Banquet Room**

**3:00 p.m. – 3:15 p.m. Coffee Break/Vendor Faire**

**Robertson  
Auditorium Foyer**

**3:15 p.m. – 5:15 p.m. General Session**

**Robertson  
Auditorium**

**3:15 p.m. – 3:45 p.m. "Novel Next Generation Approaches for Identifying Clinically Relevant Mutations and Genomic Aberrations"**

*Hanlee P. Ji, M.D., Assistant Professor of Medicine/Oncology; Senior Associate Director of the Stanford Genome Technology Center*

**3:45 p.m. – 4:05 p.m. "Illumina Services' Whole Human Genome Sequencing – RUO and CLIA"**

*Marc Laurent, Director, Commercial Services, Illumina, Inc.*

**4:05 p.m. – 4:35 p.m. "Deep Sequencing for Viral Pathogen Detection and Discovery"**

*Charles Chiu, M.D., Ph.D., Asst. Prof, UCSF*

**4:35 p.m. – 5:05 p.m. "Studying Gene Structure, Expression and Regulation using Illumina Technology"**

*Gary Schroth, Distinguished Scientist, Illumina, Inc.*

**5:05 p.m. – 5:15 p.m. Q&A/Closing Remarks**