

UCSD  
 Biomedical Sciences Building – Garren Auditorium  
 May 24, 2010

START	END	Title	PRESENTER
8:15 AM	9:00 AM	REGISTRATION / BREAKFAST	
9:00 AM	9:30 AM	Opening Remarks	Gary Hardiman, Ph.D., Director BIOGEM SOM-UCSD, Associate Professor, Department of Medicine, UCSD
<b>SESSION I SEQUENCING APPLICATIONS</b>			
9:35 AM	10:00 AM	Determinants of cell type-specific transcription factor binding patterns	Sven Heinz, Ph.D., Postdoctoral Fellow, Glass Lab, UCSD
10:05 AM	10:30 AM	Transcriptomics utilizing Illumina Sequencing	Gary Schroth, Ph.D., Sr. Director of GEX R&D, Illumina
10:35 AM	11:00 AM	Targeted Sequencing Lee Edsall, GWAS by genome-wide exome sequencing: "GWAS HiTS" in glaucoma	Lee Edsall, Associate Researcher LICR, Programmer III-UCSD
11:05 AM	11:30 AM	Large Scale data Distribution in Next Generation Sequencing	Chris Misleh, Programmer Analyst, CALIT2, BIOGEM SOM-UCSD
11:35-12:40 LUNCH AND TOURS OF BIOGEM AND ILLUMINA INSTRUMENTATION WITH ILLUMINA ENGINEERS			
<b>SESSION II ARRAY APPLICATIONS</b>			
12:45 PM	1:10 PM	Gaining Insights into Healthy Aging Using Whole Genome Genotyping Arrays	Sarah Murray, Ph.D. Director, Scripps Genomic Medicine
1:15 PM	1:40 PM	A Systems Biology Perspective on Stem Cells	Louise Laurent M.D., Ph.D., Adjunct Assistant Professor, Dept. of Reproductive Medicine UCSD, Professional Scientific Collaborator – The Scripps Research Institute
1:45 PM	2:00 PM	Large-Scale Candidate gene Analysis of Endophenotypes for Schizophrenia in Two Independent Samples	Tiffany Greenwood, Ph.D., Assistant Professor, Department of Psychiatry, UCSD
<b>SESSION III SAMPLE PREP &amp; DATA ANALYSIS PROTOCLS and TOOLS</b>			
2:15 PM	2:40 PM	Lab Setup, Best Practices and Library Preparation	Christian Haudenschild, Ph.D., Director of Services Illumina Scott Westenberger, Ph.D., FAS, Illumina
2:45 PM	3:10 PM	Agilent Sure Select	Andrew Miller, Account Manager Agilent
3:15 PM	3:40 PM	Partek Genomics Suite	Min Li, Account Manager, Ph.D., Partek
3:45 PM	4:10 PM	CLC Workbench	Jon Murray, Account Manager CLC Bio
4:10 PM	4:35 PM	Geneus LIMS	Duncan Selwood, Account Manager, Genologics
<b>4:35-5:00 ROUNDTABLE DISCUSSION</b>			