P-STAR Workshop Agenda - December 10th & 11th, 2013

Tuesday, December 10th

8:00 - 9:00 am	*Registration and Breakfast*	
9:00 - 9:30 am	Welcome and Introductions	Marylyn Ritchie, P-STAR
9:30 - 10:00 am	Application of genetic risk scores across different types of datasets	Jonathan Haines, Affiliate
10:00 - 10:30 am	PolyOmic Prediction of Complex Traits: OmicKriging	Heather Wheeler, PAAR
10:30 – 10:45	*Break*	
10:45 - 11:15 am	A Powerful and Robust System Identification Approach to Testing Genotype-Phenotype Associations	Guolian Kang, Affiliate
11:15 - 11:45 am	A Phenome-Wide Association Study of ADME Core Variants in an EMR-linked Biobank	Matthew Oetjens, PAT
11:45 - 12:15 pm	An integrated analysis of genome-wide genetic factors underlying chemotherapeutic-induced cytotoxicity in European and African populations	Ruowang Li, P-STAR
12:15 - 1:30 pm	*Lunch/Discussion*	
1:30 - 2:30 pm	The Apparent Contribution of Genetic Variants to Disease Depends on the Ruler	John Witte, P-STAR Invited Keynote Speaker
2:30 - 3:00 pm	Genomic Determination Index	Cheng Cheng, P-STAR
3:00 - 3:30 pm	Integrative polygenic modeling reveals common genetic architecture of neuropathy resulting from distinct environmental exposures	Heather Wheeler, PAAR
3:30 - 3:45 pm	*Break*	
3:45 - 4:15 pm	An exploration of multiple traits within the AIDS Clinical Trial Group (ACTG) Using A Phenome-Wide Association Study (PheWAS)	Sarah Pendergrass & Anurag Verma, P-STAR
4:15 - 4:30 pm	*Discussion*	
4:30 – 6:00 pm	*Free Time*	
6:00 pm	*Meet your group to head to dinner* *(Each group can set their own time if desired)*	

Wednesday, December 11th

8:00 - 9:00 am	*Breakfast*	
9:00 - 9:30 am	An R Package that Automatically Collects and Archives Details for Reproducible Computing	Stan Pounds, Affiliate
9:30 - 10:00 am	Consensus Genotyping of Targeted Sequencing Data	Vassily Trubetskoy, PGRN Phase II
10:00 - 10:30 am	Analysis of DNA Methylation Array Data	Brooke Fridley, P-STAR
10:30 - 10:45	*Break*	
10:45 - 11:15 am	The Effect of Vitamin D on the Airway Smooth Muscle Cell Transcriptome of Fatal Asthma Patients	Blanca Himes, PHAT
11:15 - 11:45 am	*Open Discussion*	
11:45 - 1:30 pm	*Lunch/Discussion/Departures*	

Topic Color Key	
Genome-wide association Approaches	Data Integration Approaches
PheWAS Applications	Computational Approaches
Other 'Omics Approaches	