06/05/2012 - Tuesday				
Time	Type	Abstract #	Title	Speaker
7:30 - 8:30am	Breakfast	x	La Fonda Breakfast Buffet	Sponsored by NEB
8:30 - 8:45	Intro	x	Welcome Intro from Los Alamos National Laboratory	TBD
x	Session Chair	x	Session Chairs	Chair - Johar Ali Chair - Donna Muzny
8:45 - 9:30	Keynote	FF0032	Towards the Perfect Genome Sequence	Dr. George Weinstock
9:30 – 9:50	Speaker 1	FF0119	Building the DOE Systems Biology Knowledgebase	Tom Brettin
9:50 - 10:10	Speaker 2	FF0106	Genome Sequencing of a Mapping Population Reveals Loss of Heterozygosity as a Mechanism for Rapid Adaptation in the Vegetable Pathogen Phytophthora capsici	Joann Mudge
10:10 – 10:30	Break	x	Beverages and Snacks Provided	Sponsored by OpGen
10:30 – 10:50	Speaker 3	FF0159	Assembling with Longer Reads and Higher Depths	Jim Knight - Roche
10:50 – 11:10	Speaker 4	FF0122	Next Generation Sequencing Improvements	Haley Fiske - illumina
11:10 – 11:30	Speaker 5	FF0239	Using the Ion Torrent PGM for de novo Sequencing	Tim Harkins - LifeTech
11:30 – 11:50	Speaker 6	FF0038	Exploiting Single-Molecule Real-Time DNA Sequencing for Improved Genome Assembly and Methylome Analysis	Steve Turner - PacBio
11:50 - 12:40	Panel Discussion	x	Next Generation Sequencing Technology Panel Discussion	Chair - Bob Fulton Chair - Patrick Chain
12:40 – 2:00pm	Lunch	x	Coronado Lunch Buffet	Sponsored by illumina
x	Session Chair	x	Session Chairs	Chair - Alla Lapidus Chair - Bob Fulton
2:00 – 2:20	Speaker 7	FF0060	Ion Torrent Semiconductor Sequencing Allows Rapid, Low Cost Sequencing of the Human Exome	David Jenkins
2:20 – 2:40	Speaker 8	FF0209	En Route to the Clinic: Diagnostic Sequencing Applications Using the Ion Torrent	Donna Muzny
2:40 – 2:55	Speaker 9	FF0047	Next Generation Sequencing: Possible Application for Forensic DNA Analysis. What does the Person of Interest Look Like?	Tom Callaghan
2:55 – 3:10	Speaker 10	FF0136	Forensic DNA Standards for Next Generation Sequencing Platforms	Pete Vallone
3:10 – 3:30	Break	x	Beverages and Snacks Provided	Sponsored by OpGen
3:30 - 5:50pm	Tech Time Talks (15 min each)	FF0149	Challenges in Genomic Cloud Computing	Daniel Bozinov
		FF0126	NGS for the Masses: Empowering Biologists to Improve Bioinformatic Productivity	Kashef Qaadri
		FF0070	The PerkinElmer Omics Laboratory	Todd Smith
		FF0120	The Best Finish First: Sequence Finishing with Whole Genome Mapping	Deacon Sweeney
		FF0299	High Throughput Plasmid Sequencing with Illumina and CLC bio	Ajay Athavale
		FF0213a	Engineered Polymerases Provide Improved NGS Library Amplification and Enable Novel Sequencing Applications	Maryke Appel
		FF0144	Beyond Basic Target Enrichment: New Tools to Fuel Your NGS Research	Jennifer Carter
		FF0019	Better Computing for Better Bioinformatics	George Vacek
		FF0296	RAPID: Ultra High Throughput Sequencing Data Analysis for Quick Microbial Identification	Robert Yamamoto
6:00 – 7:30pm	Posters - even #s Meet & Greet Party	EVEN #s	Poster Session with Meet & Greet Party (Sponsored by Roche) Food & Drinks	Sponsored by Roche 6:00pm- 9:00pm
7:30 - 9:00pm	Posters - Odd #s Meet & Greet Party	ODD #s	Poster Session with Meet & Greet Party (Sponsored by Roche) Food & Drinks	Sponsored by Roche 6:00pm- 9:00pm
9:00 - bedtime	on your own	x	Night on Your Own - Enjoy!!!	x