8:00 – 8:50  Continental Breakfast
Registration

8:50 – 9:00  Welcome Remarks – Dr. Larry Forney, University of Idaho

9:00 – 10:45  Session One - Emerging Technologies (Moderator: Dr. Sam Hunter)
9:00 – 9:25  Dr. Kendra Stisser, Field Applications Scientist - Illumina, Inc
   New Advances in Sequencing at Illumina
9:25 – 9:50  Dr. Hector Macias-Saldivar, Genomic Field Applications Scientist - Bio-Rad Laboratories
   The latest advances using ddPCR: From liquid biopsies and single cell analysis, through validating genome editing experiments
9:50 – 10:15  Dr. Neha Jalan, Field Application Scientist - Qiagen
   Transcriptome analysis of pancreatic cancer exosomes reveal pathways and biological processes involved in metastatic progression
10:15 – 10:40  Shelly K. Thompson, Field Application Specialist – Roche Diagnostics
   Advances in Targeted RNASeq and Enrichment Sequencing

10:45 – 12:30  Poster Session and Lunch
11:45  Lunch served

12:30 – 1:30  Keynote Address - Introduction by Dr. Barrie Robison (poster award announcement)
Dr. Megan Dennis – University of California Davis School of Medicine
   Searching within the dark matter of primate genomes to better understand human brain evolution and disease

1:45 – 3:05  Session Two (Moderator: Dr. Benji Oswald - poster award announcement)
1:45 – 2:25  Dr. Ylva Lekberg – University of Montana
   Using next-generation sequencing to open the black box of soil microbial communities
2:25 – 3:05  Dr. Phil Bregitzer – USDARS, Aberdeen ID
   Transposons, RNAi, and Selection: Bioinformatics and the Quest for Better Beer and Oatmeal

3:05 – 3:20  Break

3:20 – 4:40  Session Three (Moderator: Dr. Alida Gerritsen - poster award announcement)
3:20 – 4:00  Dr. Christine Parent – University of Idaho
   Ecological Opportunity and Diversification on Islands
4:00 – 4:40  Dr. Michael Varnum – Washington State University
   Going Blind: CRISPR/Cas9 genome editing to generate zebrafish models of cone dystrophy

4:40 – 5:00  Closing Remarks - Dr. Jack Sullivan, University of Idaho (poster award announcement)