



# 2018 SEQUENCING WORKSHOP

**November 8, 2018**  
**Red Cloud B & C, Cather Dining Complex**

## Program

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8:30 am	Registration
8:55 am	<b>Welcome</b>
9:00 - 9:45 am	<b>Ken Jones (University of Colorado at Denver)</b> - "Single cell RNAseq: The good, the Bad, and the Ugly"
9:50 - 10:30 am	<b>Kenny Beckman (University of Minnesota)</b> - "UMGC Technologies & Services"
10:30 - 10:45 am	Break
10:45 - 11:25 am	<b>Daryl Gohl (University of Minnesota)</b> - "Improving NGS-based microbiome and functional genomics measurements"
11:30 - 12:10 pm	<b>Pamela Lussier (Illumina)</b> - "Agrigenomics Applications: Targeted Sequencing Based Solutions from Illumina" <b>Alasdair I. Reid (Illumina)</b> - "The Road to Metagenomics: Going from 16S-based bacterial profiling to whole-genome shotgun sequencing of the complete microbiome"
12:10 - 1:00 pm	Lunch ( <i>provided</i> )
1:00 - 1:30 pm	<b>Jake Brandenburg (Pacific Biosciences)</b> - "Single Genes to Complete Genomes: A PacBio Applications and Roadmap Overview"
1:35 - 2:05 pm	<b>Tim Szalewski and Jennifer Bushing (University of Nebraska Medical Center)</b> - "UNMC Genomics Core Facility: Next Generation Sequencing (NGS) Services and Support for UN System Researchers"
2:10 - 2:50 pm	<b>Chi Zhang (University of Nebraska-Lincoln)</b> - "Nanopore MinION sequencing: workflow and applications"

### **Registration Required:**

**<https://biotech.unl.edu/2018-SequencingWorkshop>**

*Co-sponsored by the Nebraska Center for Biotechnology, Illumina, and Pacific Biosciences*