GENOMIC TECHNOLOGIES OPEN SCIENCE DAY

June 09, 2025

Eric P. Newman Education Center

Washington University in St. Louis, St. Louis, MO

OR Virtual

Emerging Technologies for Understanding Human Genome Functions (1:00 PM – 2:30 PM CDT)	
Siyuan (Steven) Wang, Ph.D. Yale University	A brief history of contemporary 3D genomics technologies
Stirling Churchman, Ph.D. Harvard Medical School	Dynamics of Gene Regulation: From the nucleus to mitochondria
Gene Yeo, Ph.D., MBA University of California, San Diego	RNA is never naked?
Jingyi Jessica Li, Ph.D. University of California, Los Angeles	Making Genomics More Reliable with Statistics
Break (2:30 PM – 2:45 PM CDT)	
Emerging Technologies for Making and Sequencing DNA and RNA (2:45 PM – 4:15 PM CDT)	
Sasha Levy, Ph.D. BacStitch DNA	From Typewriters to Code Editors: The History and Future of DNA Writing Tools
Winston Timp, Ph.D. Johns Hopkins University	Decoding the central dogma with single molecule sequencing
Andrew Laszlo, Ph.D. University of Washington	Nanopore Sequencing beyond ACGT
Kristin Koutmou, Ph.D. University of Michigan	Peeking behind the curtain - Technologies to unveil the RNA modification landscape
Break (4:15 PM – 4:30 PM CDT)	
Keynote Address (4:30 PM – 5:20 PM CDT)	
Rob Mitra, Ph.D. Washington University, St. Louis	Technology Development for Genome Analysis
Reception (5:20 PM – 7:00 PM CDT)	