



QCB302 Symposium

Undergraduate research in quantitative and computational biology

January 7, 2015 10:00AM – 1:00PM
Carl Ichan Labs 280

10:00 AM	Introduction	
10:05 AM	Jason Manley	Quantifying Behavioral Stereotypy in Freely-Moving <i>Drosophila</i>
10:25 AM	David Mazumder	Characterizing a New Optogenetic Tool: Measuring Voltage Dynamics in <i>Caenorhabditis elegans</i> Neurons
10:45 AM	Minseung Choi	Evaluating the Stability and Flexibility of DNA Methylation Patterns from Stem to Differentiated Cells
11:05 AM	Monica Wei	Thermodynamics and Regulation of Glycolysis in Cancer Cells
11:25 AM	Coffee Break	
11:40 AM	Caroline Snowden	Examining the Conservation of SIRT4 Enzymatic Mechanisms in bacteria
12:00 PM	Rachel Xu	Characterizing a Force-Directed Network Layout Algorithm
12:20 PM	Jihoon Kim	Identifying Proteins Involved in Short Term Memory
12:40 PM	Iason Kountouridis	Analyzing and Reversing RASopathy Mutation Phenotypes in Early Zebrafish Morphogenesis