

Schedule of Events	
Thursday, September 24, 2020	
General Session I:	
10:00-10:30 am	Welcome - New Chair Richard Murray
Break	Break
10:35-10:50	Sarkis Mazmanian <i>"The Gut Microbiome Modulates Behavior in Mice"</i>
10:52-11:07	Bruce Hay <i>"Engineering the Composition and Fate of Wild Populations"</i>
11:10-11:25	Rebecca Voorhees <i>"How to Make a Membrane Protein"</i>
11:30-11:45	Kai Zinn <i>"Cell Surface Protein Interactions in Flies and Humans"</i>
Break	Break
11:47-12:00pm	Abhik Banerjee - Graduate Student - Guttman Lab <i>"SARS-CoV-2 Suppresses mRNA Splicing, Translation, and Protein Trafficking in a Multipronged Mechanism to Evade Host Defenses"</i>
12:00-1:00pm	Break
General Session II:	
1:00-1:15 pm	Erik Winfree <i>"Pattern Recognition in the Nucleation Kinetics of Molecular Self-Assembly "</i>
1:17-1:32	Ellen Rothenberg <i>"Gene Network and Epigenetic Switches in Stem/Progenitor Cell Development to T cells"</i>
1:35-1:50	Mitch Guttman <i>"RNA Promotes the Formation of Spatial Compartments in the Nucleus"</i>
1:52-2:07	Henry Lester <i>"http://inside-out.caltech.edu://9988"</i>
2:07-2:10	Alice Huang - Bi 23
2:10-2:25	William Poole - Graduate Student - Murray Lab <i>"Synthetic Biology Tools for Designing, Modeling, and Simulating Biochemical Circuits"</i>
2:25pm	Thank you Steve Mayo Slide Show

Friday, September 25, 2020	
General Session I:	
10:00-10:15 am	Angela Stathopoulos <i>"Lights, Camera, Action! Drosophila Embryonic Transcription Goes Live"</i>
10:17-10:28	Michael Elowitz <i>"Unexpected but Effective: Natural and Synthetic Biological Circuit Designs"</i>
10:30-10:45	Viviana Gradinaru <i>"Of Viruses and Brains, Fear Not"</i>
10:48-11:00	Daniel Wagenaar - Neurotechnology Lab
11:00-11:10	Break
11:10-11:15	Pallavi Panda - Postdoc - Glover Lab <i>"Rcd4:Ana3, a Sub-Complex Required by Daughter Centrioles to Undergo Centriole to Centrosome Conversion in Drosophila"</i>
11:17-11:28	Shuwa Xu - Postdoc - Zinn Lab <i>"Significance Of Affinity Variation Of Cell Surface Recognition Molecules In Wiring The Nervous System"</i>
11:30 am	Sarah Cohen - Graduate Student - Sternberg Lab Performing- <i>"Biology at Caltech"</i>
12:00-1:00pm	Break
General Session II:	
1:00-1:15 pm	Bill Dunphy <i>"Genome-Wide Studies of DNA Replication in Human Cells"</i>
1:17-1:28	Niles Pierce <i>"Programming Dynamic Molecular Function in a Biological Con-</i>
1:30-1:45	Joe Parker <i>"Convergent Evolution of a Social Symbiosis"</i>
1:47-2:05	Riley Galton - Graduate Student - Fejes-Toth & Bronner Lab <i>"A Somatic piRNA Pathway Regulates Avian Neural crest EMT"</i>
2:05-2:20	Victoria Jorgensen - Graduate Student - Zernicka-Goetz Lab <i>"Modelling Embryos from Stem Cells"</i>
3:30 pm	Women in BBE (WiBBE) Present <i>"Picture a Scientist"</i> - Virtual Screening & Coffee Hour

Saturday, September 26, 2020	
Panel Discussion	
1:00pm	Viviana Gradinaru, Dianne Newman & Lior Pachter Kyobi Skutt-Kakaria (Dickinson Lab) Amir Behbahani (Dickinson Lab) Moderator: Henry Schreiber