

Biology

Session **B**

Room: 127 Baxter

1:20 - 1:40 PM	Katelyn A. Sadorf <i>Bristol-Myers SURF Fellow</i>	Investigating the Role of Cortical Structures in Spatial Learning and Navigation Using Acortical Mice	Markus Meister <i>Anne P. and Benjamin F. Biaggini Professor of Biological Sciences</i> Jieyu Zheng <i>Graduate Student in Neurobiology</i>
1:40 - 2:00 PM	Aurelia H. Kuester	Mechanistic Insights Into the Binding of Girdin and Daple to Dynein Transport Machinery	Aga Kendrick <i>Assistant Professor of Biology, Salk Institute for Biological Studies</i> Rustem F. Ismagilov <i>Ethel Wilson Bowles and Robert Bowles Professor of Chemistry and Chemical Engineering; Merkin Institute Professor</i> Álvaro de la Gándara <i>Postdoctoral Fellow in Biology, Salk Institute for Biological Studies</i> Delaney Sanders <i>Research Assistant, Salk Institute for Biological Studies</i>
2:00 - 2:20 PM	Zeynep Goktepe <i>James G. and Elaine Peterson SURF Fellow</i>	Investigating Neural and Physiological Synchronization During Cooperative Gameplay	Shinsuke Shimojo <i>Gertrude Baltimore Professor of Experimental Psychology</i> Katelyn Haly <i>Graduate Student in Neurobiology</i>
2:20 - 2:40 PM	Ridah S. Shanavas <i>Dr. Jane Chen SURF Fellow</i>	Building Towards Predictive Modeling of Team Flow Based on Solo Flow Across Cognitive Abilities	Shinsuke Shimojo <i>Gertrude Baltimore Professor of Experimental Psychology</i> Mohammad Shehata <i>Visiting Associate in Biology and Biological Engineering</i>
2:40 - 2:50 PM	BREAK		

2:50 - 3:10 PM	Olivia M. Hatcher <i>Susan S. Murakami</i> <i>SURF Fellow</i>	Investigating the Contribution of the zfh1 Protein to the Polarity in the Collective Cell Migration of the Caudal Visceral Mesoderm in <i>Drosophila</i>	Angelike Stathopoulos <i>Professor of Biology</i> Jingjing Sun <i>Research Scientist in Biology and Biological Engineering</i>
3:10 - 3:30 PM	Amrita Pasupathy <i>Dale and Suzanne Burger</i> <i>SURF Fellow</i>	Exploring Single- and Multi-Modal Embedding Spaces Through Whole-Image and Component Representation Analysis	Matthew W. Thomson <i>Assistant Professor of Computational Biology;</i> <i>Investigator, Heritage Medical Research Institute</i>
3:30 - 3:50 PM	Benjamin Y. Yang <i>Sidney and Nancy Petersen</i> <i>SURF Fellow</i>	Optimizing Machine Learning-Enabled Spatial Barcodes for Pooled Optical Screens	David A. Van Valen <i>Assistant Professor of Biology and Biological Engineering;</i> <i>Investigator, Heritage Medical Research Institute; HHMI</i> <i>Freeman Hrabowski Scholar</i> Sam Holtzen <i>Postdoctoral Scholar Research Associate in Biology and Biological Engineering</i>
3:50 - 4:10 PM	Diego Alfaro Carcoba Johns Hopkins University <i>Center for Evolutionary Science</i> <i>EVO-WAVE Fellow</i>	Measuring MTCH2-dependent Protein Insertion Into the Outer Mitochondrial Membrane Using a Split-luciferase System and Targeted AAVS1 Integration	Rebecca M. Voorhees <i>Assistant Professor of Biology and Biological Engineering;</i> <i>Investigator, Heritage Medical Research Institute</i>
4:10 - 4:30 PM	Marton Szabo University of Cambridge <i>Caltech-Cambridge Exchange</i>	<i>In vitro</i> Translation and Aminoacylation of Bpa-tRNA(UAG) for Cotranslational Incorporation of a Site-specific Photo-crosslinker	Rebecca M. Voorhees <i>Assistant Professor of Biology and Biological Engineering;</i> <i>Investigator, Heritage Medical Research Institute</i> Lena Boegeholz