

Poster Presentations

Location: San Pasqual Mall

3:45 - 5:00 PM	Kanika Agarwal <i>Richter Scholar</i>	Identification of Lentiviral Vector Integration Sites in a Human Fusogenic Cell Line, 293T-L2	David Baltimore <i>Robert Andrews Millikan Professor of Biology; Nobel Laureate; President Emeritus</i>
3:45 - 5:00 PM	Allison H. Barnes	Isotopic Investigation of the Ediacaran Carbon Cycle	Woodward W. Fischer <i>Assistant Professor of Geobiology</i>
3:45 - 5:00 PM	Stephanie S. Chang <i>Rose Hills Foundation SURF Fellow</i>	Effects of Rac1 Suppression on Directed Cell Migration Using Micropatterned Surfaces	Anand R. Asthagiri <i>Assistant Professor of Chemical Engineering</i> Keiichiro Kushiro <i>Graduate Student in Chemistry</i>
3:45 - 5:00 PM	Chieh Yu Chen	Using Meiotic Drive Mechanism to Control Vector-Borne Diseases	Bruce A. Hay <i>Professor of Biology</i> Catherine M. Ward <i>Graduate Student in Biochemistry and Molecular Biophysics</i>
3:45 - 5:00 PM	Emma G. Cohen	Gas Content of Red Sequence Elliptical Galaxies: Are Dry Mergers Common?	B. Thomas Soifer <i>Professor of Physics</i> Vandana R. Desai <i>Postdoctoral Scholar in Physics</i>
3:45 - 5:00 PM	Catherine E. Douglass <i>Marcella Bonsall SURF Fellow</i>	Measuring Very Low Antigen Concentrations With Microtoroid Optical Resonators	Andrea M. Armani <i>Assistant Professor of Chemical Engineering and Materials Science, University of Southern California</i>
3:45 - 5:00 PM	Clara H. Eng <i>Hannah Bradley SURF Fellow</i>	Effect of Conjugation on the Interaction of the Peptide Sequence (KW) ₃ With an Artificial Membrane Environment	Ying Chau <i>Assistant Professor of Chemical and Biomolecular Engineering, Hong Kong University of Science and Technology</i> David A. Tirrell <i>Ross McCollum-William H. Corcoran Professor and Professor of Chemistry and Chemical Engineering</i>

3:45 - 5:00 PM	Riley L. Franks <i>W.H. Halpenny SURF Fellow</i>	Simulation and Analysis of the Metabolic Networks of Synechocystis PCC 6803	Pedro Fernandez de Cordoba <i>Professor of Applied Mathematics, Universidad Politecnica de Valencia</i> Dan I. Meiron <i>Professor of Applied and Computational Mathematics and Computer Science</i>
3:45 - 5:00 PM	Daniel R. Haas	The Properties of Oscillations in Monolayer Graphene	Marc W. Bockrath <i>Assistant Professor of Applied Physics</i>
3:45 - 5:00 PM	David C. Hu	Infrared Satellite Data Analysis	Andrew W. Blain <i>Assistant Professor of Astronomy</i>
3:45 - 5:00 PM	Nadia Iqbal <i>Richter Scholar</i>	Structure Determination of <i>S. aureus</i> Membrane Protein MraY	William M. Clemons <i>Assistant Professor of Chemistry</i>
3:45 - 5:00 PM	Charlie B. Jaramillo California State University, Los Angeles <i>NSF Center for the Science and Engineering of Materials MURF Fellow</i>	Electrical and Optical Properties of Pure and Doped Zinc Phosphide	Harry A. Atwater <i>Howard Hughes Professor and Professor of Applied Physics and Materials Science</i> Scott L. Nickolaisen <i>Professor of Chemistry, California State University, Los Angeles</i>
3:45 - 5:00 PM	Charles D. Kilpatrick	The Effect of Convection Zone Pollution on Luminosity and Surface Temperature in the Evolution of Planet Host Stars	Lynne Hillenbrand <i>Associate Professor of Astronomy</i> Ann Marie Cody <i>Graduate Student in Astronomy</i>
3:45 - 5:00 PM	Ruslan Kurdyumov <i>Howell N. Tyson, Sr., SURF Fellow</i>	Development of a Sampling System for the Axel Rover	Jerrold E. Marsden <i>Carl F Braun Professor of Engineering and Control and Dynamical Systems</i> Joel W. Burdick <i>Professor of Mechanical Engineering and Bioengineering</i>
3:45 - 5:00 PM	David A. Leon	A Purge and Trap Method for Quantitative Extraction of Dimethyl Sulfide in Ocean Water	Alex L. Sessions <i>Assistant Professor of Geobiology</i> Alon Amrani <i>Postdoctoral Scholar in Geochemistry</i>
3:45 - 5:00 PM	Benjamin B. Lin <i>Peter A. Lindstrom, Jr., SURF Fellow</i>	Progress Toward the Development of a Pd-Catalyzed Decarboxylative Ring Contraction	Brian M. Stoltz <i>Ethel Wilson Bowles and Robert Bowles Professor of Chemistry</i> Amanda C. Jones <i>Postdoctoral Scholar in Chemistry</i>

3:45 - 5:00 PM	Austin M. Moehle	Ca-Doped BiFeO ₃ Thin Films: A Study of Ferroelectric Properties and the Photovoltaic Effect	Ramamoorthy Ramesh <i>Professor of Materials Science and Engineering, University of California, Berkeley</i> Harvey B. Newman <i>Professor of Physics</i>
3:45 - 5:00 PM	Noele R. Norris <i>John and Barbara Gee SURF Fellow</i>	Estimation Using Quantized Innovations for Wireless Sensor Networks	Babak Hassibi <i>Professor of Electrical Engineering</i>
3:45 - 5:00 PM	Alexander D. Rasmussen	Active Magnetic Shielding for the EDM Experiment	Brad W. Filippone <i>Professor of Physics</i> Riccardo Schmid <i>Graduate Student in Physics</i>
3:45 - 5:00 PM	Kedron P. Silsbee <i>Edward C. and Alice Stone SURF Fellow</i>	Calculating the Spectrum of Radiation From Interstellar Tumbling Dust	Christopher M. Hirata <i>Assistant Professor of Astrophysics</i>
3:45 - 5:00 PM	Tamas Szalay <i>Victor Neher SURF Fellow</i>	Design and Development of an Ion Mobility Spectrometer	Michael L. Roukes <i>Professor of Physics, Applied Physics, and Bioengineering</i>
3:45 - 5:00 PM	Marissa L. Weichman	Statistical Analysis of the Interaction of TDP-43 With the Human Genome, and Its Possible Role in ALS	Tom Maniatis <i>Professor of Molecular and Cellular Biology, Harvard University</i> Douglas C. Rees <i>Roscoe Gilkey Dickinson Professor of Chemistry; Investigator, Howard Hughes Medical Institute</i>
3:45 - 5:00 PM	Suiyi Xin	Calculating Genetic Modules Based on Genotype-Phenotype Correlation	Grant J. Jensen <i>Associate Professor of Biology</i> Dylan M. Morris <i>Graduate Student in Biology</i>
3:45 - 5:00 PM	Lili Yang	An Empirical Study of Inertia in Elections	Leeat Yariv <i>Associate Professor of Economics</i>