



2015 STEM POSIUM



Friday, May 22nd

Start	Event	Location	Presenter	Title & Dept.	Presentation Title
8:30	ESB Courtyard		Coffee & Bagels		
9:00	1st Session	ESB1001	Amrita Banerjee	Postdoctoral Researcher, Chemical Engineering	Protein/Peptide Formulation Development for Treatment of Diabetes
		ESB2001	Nino Ruocco	Postdoctoral Researcher, Chemical Engineering	How Hydrophobically-modified Chitosans are Stabilized by Biocompatible Lipid Aggregates
9:30	2nd Session	ESB1001	Ben Coté	PhD Student, Mathematics	Braids, Configurations, and Automated Vehicles
		ESB2001	Samhita Banavar	PhD Student, Physics	What Determines Cell Shape? Searching for Answers by Studying Shmoos!
10:00	3rd Session	ESB1001	Scarlett Widgeon	Postdoctoral Research, Chemical Engineering	Molecular Compositions and Structures of β -Dicalcium Silicates for Greener Cementitious Materials
		ESB2001	Dean Wang	Masters Student, Bren School	Urban Water Conservation in Southern California: Encouraging Conservation Through Tradable Allocations and Market Mechanisms
10:30	4th Session	ESB1001	Justin Pearson	PhD Student, Electrical & Computer Eng.	The Wide World of Control Engineering
		ESB2001	Michael Zakrewsky	PhD Student, Chemical Engineering	Combating Antibiotic Resistant Infections
11:00	5th Session	ESB1001	Matthew Gebbie	PhD Student, Materials	Salt Water and Ionic Liquids: The Surprising Connection
		ESB2001	Tanya Das	PhD Student, Electrical & Computer Eng.	Engineering Light to Quantify and Manipulate Multipolar Light-matter Interactions
11:30	ESB Courtyard		Lunch and Undergraduate Poster Session		
12:30	Keynote Speaker	ESB1001	Hovik Gukasyan	Senior Principal Scientist, Pfizer Global R&D, La Jolla	Drug Formulation in Pharma R&D
1:00	Founding Talk	ESB1001	Peter Burks	Director of Market Development ActiveLife Scientific	Communication Catalysis: The Value of Simplicity
1:20	Awards Ceremony				
1:45	Closing				