

Chemistry

Session **D**

Room: 125 Baxter
Session Chair: Phoebe Dea (AM)/Andrew Udit (PM)
Judge: Edgardo García, MURF '03, '04

10:00 - 10:20 AM	Diane J. Plummer <i>Rose Hills Foundation SURF Fellow</i>	Regioselectivity in Cleavage of Model Peptides Containing Multiple Aspartic Acid Residues by Protonated Arginine, the Guanidinium Ion, and Metal Cations	Jesse L. Beauchamp <i>Mary and Charles Ferkel Professor of Chemistry</i>
10:20 - 10:40 AM	Alexandra Velian <i>Hannah Bradley SURF Fellow</i>	Toward Bimetallic Systems Supported by Rigid Terphenyl Ligand Frameworks	John E. Bercaw <i>Centennial Professor of Chemistry</i> Theodor Agapie <i>Assistant Professor of Chemistry</i>
10:40 - 11:00 AM	Vadim Baidin	The Search for Optimal Polyamide-Biotin Linkers	Peter B. Dervan <i>Bren Professor of Chemistry</i> Michelle E. Farkas <i>Graduate Student in Chemistry</i>
11:00 - 11:20 AM	Wesley Y. Yu <i>Richter Scholar</i>	Towards Effective Drug Design: A Chemical Scale Study of Memantine Antagonism of the NMDA Receptor	Dennis A. Dougherty <i>George Grant Hoag Professor of Chemistry</i> Walrati Limapichat <i>Graduate Student in Chemistry</i>
11:40 AM - 1:00 PM	LUNCH		
1:00 - 1:20 PM	Ali Ebrahim <i>Reed and Ruth Brantley SURF Fellow</i>	Sequence Specific Detection of Proteins With a Multiplexed DNA Array	Jacqueline K. Barton <i>Arthur and Marian Hanisch Memorial Professor and Professor of Chemistry</i> Alon Gorodetsky <i>Graduate Student in Chemistry</i>
1:20 - 1:40 PM	Misha Imtiaz	Conformational Analysis of 3-Guanidinopropionic Acid	John D. Roberts <i>Institute Professor of Chemistry, Emeritus</i>
1:40 - 2:00 PM	Benjamin Lin * <i>Amgen Scholar</i>	Synthesis of Purine Analogue p97 ATPase Inhibitors	Brian M. Stoltz <i>Ethel Wilson Bowles and Robert Bowles Professor of Chemistry</i> Amanda C. Jones <i>Postdoctoral Scholar in Chemistry</i>

* This student's abstract can be found in the Amgen Scholars section of the abstract book.

2:00 - 2:20 PM	Anguel T. Alexiev <i>John and Maria Laffin Trust SURF Fellow</i>	Investigations on the Biosynthesis of the Transtaganolide Natural Products	Brian M. Stoltz <i>Ethel Wilson Bowles and Robert Bowles Professor of Chemistry</i> Hosea Nelson <i>Graduate Student in Chemistry</i>
2:20 - 2:30 PM	BREAK		
2:30 - 2:50 PM	Maria I. Chiriac <i>Ernest R. Roberts SURF Fellow</i>	Synthesis of a CS-D Polymer	Linda C. Hsieh-Wilson <i>Associate Professor of Chemistry; Investigator, Howard Hughes Medical Institute</i> Song-Gil Lee <i>Postdoctoral Scholar in Chemistry</i>
2:50 - 3:10 PM	Pradeep Bugga <i>Rose Hills Foundation SURF Fellow</i>	Progress Toward the Syntheses of HIV Integrase Inhibitors Integrastatins A and B	Brian M. Stoltz <i>Ethel Wilson Bowles and Robert Bowles Professor of Chemistry</i> Pamela Tadross <i>Graduate Student in Chemistry</i>
3:10 - 3:30 PM	Tyler J. Volkoff <i>Dr. and Mrs. Daniel C. Harris SURF Fellow</i>	An Efficient Total Synthesis of Aplysin Through a Claisen Rearrangement	Brian M. Stoltz <i>Ethel Wilson Bowles and Robert Bowles Professor of Chemistry</i> Andrew McClory <i>Postdoctoral Scholar in Chemistry</i>
3:30 - 3:50 PM	Stephanie M. Wuerth <i>Edward W. Hughes SURF Fellow</i>	Comparison of Single-Step and Multi-Step Charge Transport in DNA	Jacqueline K. Barton <i>Arthur and Marian Hanisch Memorial Professor and Professor of Chemistry</i> Joseph Genereux <i>Graduate Student in Chemistry</i>