

# *Chemistry Research Symposium*

## *Summer 2006*

Featuring visiting undergraduate researchers participating in the 2006 **Research Experiences for Undergraduates (REU) Chemistry Program**, and Stony Brook University students from the **Undergraduate Research & Creative Activities (URECA)** and the **Minority Access to Research Careers (MARC) Programs**

<b>Time</b>	<b>Presenter</b>	<b>Title</b>	<b>Advisor</b>
10:00 am	<b>Daniel Cohen</b>	Synthesis and Modifications of Enantiomerically Pure Biphenols	<b>Iwao Ojima</b>
10:20	<b>Nathan Burrows</b>	Directed Synthesis of a Target Nanotube	<b>Joseph Lauher and Frank Fowler</b>
10:40	<b>Kristen Zeitler</b>	Synthesis of Dinuclear Rhenium Phenanthroline Complexes for Solar Fuel Production	<b>Andreas Mayr</b>
11:00	<b>Joseph Gaiteri</b>	Development of Novel Membranes for High Flux Desalination of Seawater	<b>Benjamin Hsiao</b>
11:20	<b>Megan Johnson</b>	Physical Characterization of Human Islet Amyloid Polypeptide Fibrils using Atomic Force Microscopy	<b>Stanislaus Wong</b>
11:40	<b>Jean Calderón</b>	Time-Resolved In Situ Water Gas Shift Reaction Using Ni-MoO <sub>2</sub> as Catalyst	<b>José Rodriguez, BNL</b>
12:00 pm		<b>Lunch</b>	
1:30	<b>Daniel Miranda</b>	Creation of Cocrystals with Hosts to Align Diiodobutadiyne for 1,4 Polymerization	<b>Nancy Goroff</b>
1:50	<b>En-Chi Lin</b>	Exploration of Conjugated Halogen Compounds	<b>Nancy Goroff</b>
2:10	<b>Alexander Ceballos</b>	Substituent Effects on the Stereoselectivity of the 6 $\pi$ Electrocyclic Closure of 1,3,5-Cyclooctatriene to Bicyclo[4.2.0]Octadiene	<b>Nancy Goroff</b>
2:30	<b>Jennifer Beck</b>	Amino Acid-Bearing ROMP Polymers from Bicyclic Compounds	<b>Kathlyn Parker</b>
2:50	<b>Kevin Eccles</b>	Efforts Toward the Synthesis of a Potential New Ligand for Oxygen Activation, and a bis Glyoxalate Amide Designed to Bind an i, i + 4 Cysteine Pair in an Alpha Helical Protein	<b>Dale Drueckhammer</b>
3:10	<b>Ricky Chachra</b>	Targeting Influenza with Computational Structure-based Drug Design	<b>Robert Rizzo, AMS</b>

*Friday, August 4, 2006*

*Stony Brook University, Chemistry Building, Room 412*