SYMPOSIUM SCHEDULE
FRIDAY, SEPTEMBER 30TH, 2011

8:00 AM	**Registration and Breakfast**	**ESB Courtyard**
9:00 AM	**Welcome** Professor Scott Shell, Graduate Student Symposium Chair	**ESB 1001**
9:15 AM	**Session I: Nucleation & Crystallization**	**ESB 1001**
	• Brandon Knott: Computational and experimental investigations of laser-induced nucleation **Mitsubishi Chemical Keynote Lecture** • Nathan Duff: Polymorph Specific Order Parameters: An Analysis of Surface Melted Layer Thickness for Glycine Nuclei • Zubin Kuvadia: A New Model to Predict Crystal Morphology of Non-Centrosymmetric Organic Molecules	
10:45 AM	**Break**	**ESB Courtyard**
11:15 AM	**Session II: Polymers / Self-Assembly**	**ESB 1001**
	• Adetunji Onikoyi: Templating non-hexagonal monolayers of block copolymer spheres in confined geometries • Debra Audus: Field-Theoretic Studies of Complex Coacervation	
12:00 PM	**Lunch**	**ESB Courtyard**
1:00 PM	**Poster Session:** Transport & Interfacial Phenomena, Catalytic Materials, Biological Engineering Biomolecular Mechanisms, Biomedical Applications, Polymeric Systems	**ESB Courtyard**
2:30 PM	**Session III: Catalytic Materials/Inorganic-Organic Materials**	**ESB 1001**
	• Benjamin Smith: Origins of Saccharide-Dependent Hydration at Aluminate, Silicate, and Aluminosilicate Surfaces • Justin Jahnke: Self-assembled Nanocomposites with Controllable Anisotropic Properties • Michael Stewart: Determination of the Activation Mechanism of Supported Methyltrioxorhenium for Olefin Metathesis	
3:45 PM	**Break**	**ESB Courtyard**
4:15 PM	**Session IV: Biomolecular Mechanisms**	**ESB 1001**
	• Rachel Marullo: Controlling self-assembly properties of peptide amphiphiles • Jing Yu: The importance of interfacial redox on the mussel protein adhesion **Schlinger Keynote Lecture**	
5:15 PM	**Conclusion** John Frostad, Symposium Co-Organizer	**ESB 1001**
5:30 PM	**Reception Dinner and Award Ceremony** Presenters, Faculty, and Industry are all Welcome	**Faculty Club**