

Chemistry

Session **F**

Room: 128 Baxter

10:00 - 10:20 AM	Kathryn M. Brennan	Adapting CLUSTALW for RNA	John SantaLucia <i>Professor of Chemistry, Wayne State University</i> Robert D. McKeown <i>Professor of Physics</i>
10:20 - 10:40 AM	Eva M. Nichols	Synthesis and Characterization of a Redox Active Metal-Ligand Framework for Oxygen Activation	Theodor Agapie <i>Assistant Professor of Chemistry</i> Sibo Lin <i>Graduate Student in Chemistry</i>
10:40 - 11:00 AM	Madiha Hussain	Experimental and Theoretical Studies of Interfacial Chemical Reactions Using Field Induced Droplet Ionization	Jesse L. Beauchamp <i>Mary and Charles Ferkel Professor of Chemistry</i> Evan Neidholdt <i>Graduate Student in Chemistry</i>
11:00 - 11:20 AM	Tony Z. Jia <i>Amgen Scholar</i>	Detecting the Effects of Cholesterol and Other Sterols on Aggregation of Lipids in the Pulmonary Surfactant Layer Using Field-Induced Droplet Ionization Mass Spectrometry	Jesse L. Beauchamp <i>Mary and Charles Ferkel Professor of Chemistry</i> Evan Neidholdt <i>Graduate Student in Chemistry</i>
11:20 - 11:40 AM	Keshav S. Sapatnekar	Fundamental Studies of Ozonolysis at Gas-Liquid Interfaces	Jesse L. Beauchamp <i>Mary and Charles Ferkel Professor of Chemistry</i>
11:40 AM - 1:00 PM	LUNCH		
1:00 - 1:20 PM	Alan Deng	A Structural Study of the Pathway for Membrane Integration of Tail-Anchored Proteins by TRC40	William M. Clemons <i>Assistant Professor of Chemistry</i> Christian Suloway <i>Graduate Student in Biology</i>
1:20 - 1:40 PM	Yea-ra Jo	Tail-Anchored Protein Expression Systems for Structural and Biochemical Studies	William M. Clemons <i>Assistant Professor of Chemistry</i> Christian Suloway <i>Graduate Student in Biology</i>
1:40 - 2:00 PM	Kangway V. Chuang <i>Amgen Scholar</i>	Auxiliary Based Approach to Chiral Quinone-Derived Amines	Sarah E. Reisman <i>Assistant Professor of Chemistry</i> Lindsay M. Repka <i>Graduate Student in Chemistry</i>

2:00 - 2:20 PM	Vincentius J. Suhardi <i>Harry B. Gray SURF Fellow</i>	Asymmetric α -Chlorination of Silyl Enol Ethers	Sarah E. Reisman <i>Assistant Professor of Chemistry</i>
2:20 - 2:30 PM	BREAK		
2:30 - 2:50 PM	Katherine D. Lavoie Occidental College	An Electrochemical Study of Nitric Oxide Synthase and the W70H Mutation	Harry B. Gray <i>Arnold O. Beckman Professor of Chemistry</i> Charlotte A. Whited <i>Graduate Student in Chemistry</i>
2:50 - 3:10 PM	Yuehan Huang	The Folding Mechanism of Cytochrome <i>c</i> - b_{562} Detected by Time-Resolved Fluorescence Energy Transfer	Harry B. Gray <i>Arnold O. Beckman Professor of Chemistry</i> Nicole D. Bouley <i>Graduate Student in Chemistry</i>
3:10 - 3:30 PM	Eric Y. Chang <i>Richter Scholar</i>	Multi-Step Electron Tunneling Across Outer Membrane Protein A: A Study of Ruthenium-Labeled OmpA Folding	Harry B. Gray <i>Arnold O. Beckman Professor of Chemistry</i> Bert T. Lai <i>Graduate Student in Chemistry</i>