



FLORIDA A&M UNIVERSITY
FLORIDA STATE UNIVERSITY
COLLEGE OF ENGINEERING



1st Annual Polymer Research Symposium

POLY/PMSE STUDENT CHAPTER at FAMU-FSU

FAMU Chemistry

FAMU-FSU Chemical and Biomedical Engineering

FSU Chemistry & Biochemistry

- 9:00-9:10: Opening Remarks-Welcome-Student Chapter
- 9:10-10:00: "Supramolecular Polymer Hybrids: Linear-Dendritic Block Copolymers as Novel Strategies for Theranostic Nanomedicine."
Prof. Davita Watkins-Keynote Speaker
- 10:00-10:30: *Coffee/Questions*
- 10:30-10:50: "Dissecting Dynamics in Polyelectrolyte Complexes."
Khallil Akkaoui
- 10:55-11:15: "Reversing Polyelectrolyte Complexation with Salt and pH."
Zachary Digby
- 11:20-11:40: "A Computational Perspective on Important Energetics in the Ring Opening Metathesis Polymerization (ROMP) of Low and Medium Strained Cycloolefins."
Brianna Coia
- 11:45-12:05: "Modeling the Dynamic Swelling of Polymer-Based Artificial Muscles."
Shefik Bowen
- 12:10-12:30: "Inversion in the Temperature Gradient of the Crystallization Kinetics of Long Spaced Polyesters at the Transition Between Two Crystalline Structures."
Stephanie Marxsen
- 12:30-14:30: *Lunch Break/Poster Session*
- 14:30-14:50: "Surface Stabilization of Gold Nanoparticles and Luminescent Quantum Dots using N-Heterocyclic Carbene Ligands."
Neda Arabzadeh Nosratabad
- 14:55-15:15: "Polymer-Stabilization and Functionalization of Inorganic Nanocrystals via Metal-Ligand Coordination."
Narjes Dridi
- 15:20-15:40: "The Impact of Precision on the Properties of Ethylene-Vinyl Alcohol Copolymers."
Gina Guillory
- 15:40-16:00: *Break*
- 16:00-16:50: "Vitrimers: Understanding the Impact of Backbone and Cross-link Interactions."
Prof. Ralm Ricarte-Keynote Speaker
- 16:50-17:00: Closing Remarks