

Chemistry

Session **C**

Room: 147 Noyes

1:00 - 1:20 PM	Samhitha Venkat Georgia Institute of Technology <i>Liquid Sunlight Alliance (LiSA)</i> WAVE Fellow	Grand Canonical Quantum Mechanics Study for CO ₂ RR on PcFe MOF Catalyst	William A. Goddard III <i>Charles and Mary Ferkel</i> Professor of Chemistry, Materials Science, and Applied Physics Sejun Kim Postdoctoral Scholar Research Associate in Chemistry
1:20 - 1:40 PM	Annalisa Valdez California State University, Los Angeles Carl F. Braun WAVE Fellow	Expanding the Scope of C(sp ²)-F Bond Activation Processes Facilitated by Light-absorbing Ni-based Complexes	Ryan G. Hadt Assistant Professor of Chemistry Jake Rothbaum Postdoctoral Scholar Research Associate in Chemistry Maria Blankemeyer Graduate Student in Chemistry
1:40 - 2:00 PM	Philip-David Medows Donald Voet and Jerome Vinograd SURF Fellow	Structural Characterization of PER2 Nuclear Import via the PER2-NLS2-mmKap-α2 Complex	André Hoelz <i>Mary and Charles Ferkel</i> Professor of Chemistry and Biochemistry Chia-Yu Chen Postdoctoral Scholar Research Associate in Biology and Biological Engineering
2:00 - 2:20 PM	Talaysha S. Simonds Edward W. Hughes SURF Fellow	Nucleocytoplasmic Transport of Circadian Clock Proteins	André Hoelz <i>Mary and Charles Ferkel</i> Professor of Chemistry and Biochemistry Sabrina Doerrich Graduate Student in Chemistry
2:20 - 2:40 PM	Isabella H. Yang University of California, Los Angeles Amgen Scholar	Engineering Single-chain AMP-activated Protein Kinase Complexes to Investigate Metabolic Regulation and Hearing Loss	André Hoelz <i>Mary and Charles Ferkel</i> Professor of Chemistry and Biochemistry Michael S. Gruhne Graduate Student in Chemistry
2:40 - 2:50 PM	BREAK		

2:50 - 3:10 PM	Jacob A. Cho Pennsylvania State University <i>Amgen Scholar</i>	Expanding In Situ Capabilities of a Table-top soft X-Ray Absorption Spectrometer for Probing Electrocatalyst Electronic Structure	Scott K. Cushing <i>Assistant Professor of Chemistry</i> Alejandro Arellano <i>Graduate Student in Applied Physics</i>
3:10 - 3:30 PM	Sherlyn Cazares University of Illinois Chicago <i>Resnick Sustainability Institute (RSI) WAVE Fellow</i>	Multimetallic Complexes for Small Molecule Reactivity: Expanding Dinuclear Nickel Systems Through Third-Metal Variation	Theodor Agapie <i>John Stauffer Professor of Chemistry</i> Matt R. Espinosa <i>Postdoctoral Scholar Fellowship Trainee in Chemistry</i>
3:30 - 3:50 PM	Anya J. Peedle University of Cambridge	The role of DNA2 in the cGAS-STING signalling pathway	Judith L. Campbell <i>Professor of Chemistry and Biology</i> Eunny Bae <i>Research Scientist in Chemistry and Chemical Engineering</i>
3:50 - 4:10 PM	Camilla Fezzi <i>John Stauffer SURF Fellow</i>	Engineering Native N-Terminal Access to a Membrane Enzyme: Dual Strategies for Structural Isolation of HyMraY	William M. Clemons, Jr. <i>Arthur and Marian Hanisch Memorial Professor of Biochemistry</i> Beebee Yusrah Kaudeer <i>Graduate Student in Chemistry</i>
4:10 - 4:30 PM	Diego Antonio Velazquez Vargas Instituto Tecnológico de Tijuana <i>Center for Evolutionary Science EVO-WAVE Fellow</i>	Towards a Mechanistic Characterization of Type II Single Gene Lysis Proteins via <i>in vivo</i> and <i>in silico</i> Approaches	William M. Clemons, Jr. <i>Arthur and Marian Hanisch Memorial Professor of Biochemistry</i> Roujon Nowzari <i>Graduate Student in Biochemistry and Molecular Biophysics</i>