

Chemistry

Session **D**

Room: 153 Noyes

2:00 - 2:20 PM	Emma B. Fan <i>Thomas C. Hays SURF Fellow</i>	Less is more: Data-driven quality evaluation of electron diffraction for intelligent unit cell identification	Hosea Nelson <i>Professor of Chemistry</i> Dmitry Eremin <i>Staff Scientist in Chemistry</i>
2:20 - 2:40 PM	Sulaiman Wahdan S W. AlKadi <i>Ronan Armaan Mack SURF Fellow</i>	Photophysics and photochemistry of a thioxanthone dimer	Daniel G. Nocera <i>Patterson Rockwood Professor of Energy, Harvard University</i> Matthew Drummer <i>Postdoctoral Fellow in Chemistry and Chemical Biology, Harvard University</i> Ryan G. Hadt <i>Professor of Chemistry</i>
2:40 - 3:00 PM	Linus Z. Murphy <i>University of California, Los Angeles</i>	Circular dichroism action spectroscopy for precise enantiomeric excess measurement	Mitchio Okumura <i>Professor of Chemical Physics</i> Leah Stevenson <i>Graduate Student in Chemistry</i>
3:00 - 3:10 PM	BREAK		
3:10 - 3:30 PM	Carolyn Ruan <i>Philip Laipis in Memory of Professor Jerome Vinograd SURF Fellow</i>	Developing stopping criteria for C-H oxidation regioselectivity prediction	Sarah E. Reisman <i>Bren Professor of Chemistry</i> Anjali Gurajapu <i>Graduate Student in Chemistry</i>
3:30 - 3:50 PM	Nora K. Kristufek	Understanding and quantifying pseudocapacitance through measurements of entropy	Nicholas P. Stadie <i>Assistant Professor of Chemistry, University of Montana</i> Brent T. Fultz <i>Barbara and Stanley R. Rawn, Jr., Professor of Materials Science and Applied Physics</i>

3:50 - 4:10 PM	David V. Welt	Characterization of high-pressure high-temperature synthetic nanodiamond precursors	Jonathan S. Owen <i>Associate Professor of Chemistry, Columbia University</i> Daybis Tencio <i>Graduate Student in Chemistry, Columbia University</i> Augustin Braun <i>Postdoctoral Research Scientist in Chemistry, Columbia University</i> Johnson Dalmieda <i>Graduate Student in Chemistry, Columbia University</i> Theodor Agapie <i>John Stauffer Professor of Chemistry</i>
4:10 - 4:30 PM	Alex S. Xu <i>Janet Lai SURF Fellow</i>	Elucidating the mechanism of nitrogenase model compound-catalyzed carbon-sulfur bond cleavage	Jonas C. Peters <i>Bren Professor of Chemistry</i> John Ovian <i>Postdoctoral Scholar Fellowship Trainee in Chemistry</i>
4:30 - 4:50 PM	Bao T. Nguyen <i>John Stauffer SURF Fellow</i>	Probing SmI ₂ -mediated inner sphere electron transfer to Mo ^{IV} imido complexes in an electrocatalytic nitrogen reduction system	Jonas C. Peters <i>Bren Professor of Chemistry</i> Hoimin Jung <i>Postdoctoral Scholar Research Associate in Chemistry</i>