

Chemistry

Session **C**

Room: 151 Crellin

1:00 - 1:20 PM	David V. Welt	Nickel-catalyzed cross-electrophile coupling facilitated by a Co(II) co-catalyst	Nilay Hazari <i>John R. Huffman Professor of Chemistry, Yale University</i> Jasmine L. Chow <i>Graduate Student in Chemistry, Yale University</i> Theodor Agapie <i>John Stauffer Professor of Chemistry</i>
1:20 - 1:40 PM	Isabella G. Kedikian <i>Sung-Hsien Chen Shih SURF Fellow</i>	Biochemical reconstitution and structural characterization of the <i>Alvinella pompejana</i> inner ring complex of the nuclear pore complex	André Hoelz <i>Mary and Charles Ferkel Professor of Chemistry and Biochemistry; Investigator, Howard Hughes Medical Institute</i> Dayeon D. Kang <i>Graduate Student in Chemistry</i>
1:40 - 2:00 PM	Katie Shou <i>Crook Family SURF Fellow</i>	Elucidating the molecular mechanisms of DDX19 nucleocytoplasmic trafficking	André Hoelz <i>Mary and Charles Ferkel Professor of Chemistry and Biochemistry; Investigator, Howard Hughes Medical Institute</i> Jahaun Azadmanesh <i>Postdoctoral Scholar Fellowship Trainee in Chemistry</i>
2:00 - 2:20 PM	Alex S. Xu <i>Dr. and Mrs. Daniel C. Harris SURF Fellow</i>	Mechanistic and kinetic characterization of a vanadium deprotono-metallacyclobutadiene catalyst for cyclic polyalkyne synthesis	Daniel Mindiola <i>Professor of Chemistry, University of Pennsylvania</i> Dylan Grigas <i>Graduate Student in Chemistry, University of Pennsylvania</i> Jonas C. Peters <i>Bren Professor of Chemistry</i>
2:20 - 2:30 PM	BREAK		
2:30 - 2:50 PM	Tuyet N. Ngo <i>John Stauffer SURF Fellow</i>	Activating cobaltocenes for electrocatalytic CO ₂ reduction to formate at low overpotential by proton-coupled electron transfer mediators	Jonas C. Peters <i>Bren Professor of Chemistry</i> David Lu <i>Graduate Student in Chemistry</i>

2:50 - 3:10 PM	Can S. Canpolat <i>John Stauffer SURF Fellow</i>	Soft ionic polymers for stretchable ionic circuits	William A. Goddard III <i>Charles and Mary Ferkel Professor of Chemistry, Materials Science, and Applied Physics</i> Chiara Daraio <i>G. Bradford Jones Professor of Mechanical Engineering and Applied Physics; Investigator, Heritage Medical Research Institute</i> Sejun Kim <i>Postdoctoral Scholar Research Associate in Chemistry</i> Max Tepermeister <i>Cecil and Sally Drinkward Postdoctoral Scholar Research Associate in Mechanical and Civil Engineering</i>
3:10 - 3:30 PM	Lindsay N. Taylor <i>Ronan Armaan Mack SURF Fellow</i>	Tuning counteractions in molecular qubits to illuminate the effect of spin-phonon coupling and covalency on low temperature T ₁	Ryan G. Hadt <i>Professor of Chemistry</i> Jonathan Aalto <i>Graduate Student in Chemistry</i>
3:30 - 3:50 PM	Sulaiman Wahdan S W. AlKadi <i>John Stauffer SURF Fellow</i>	All-optical electron spin coherence in an axial tungsten complex of relevance to tungstoenzymes	Ryan G. Hadt <i>Professor of Chemistry</i> Jonathan Aalto <i>Graduate Student in Chemistry</i>
3:50 - 4:10 PM	Demetrios A. Dresios <i>Janet Lai SURF Fellow</i>	Generalizing blue copper proteins as biomolecular spin qubits via room-temperature electron spin coherences in azurin	Ryan G. Hadt <i>Professor of Chemistry</i> Christian A. Totoiu <i>Graduate Student in Chemical Engineering</i> Arshiyah Alam Laaj <i>Graduate Student in Chemistry</i>