

Chemistry

Session **D**

Room: 153 Noyes

1:00 - 1:20 PM	Callum J. Wolvers University of Cambridge <i>Caltech-Cambridge Exchange</i>	Refinement of cpSRP43 Chaperone Variants via Secondary Directed Evolution in a Yeast Model of Parkinson's Disease	Shu-ou Shan <i>Altair Professor of Chemistry</i> Arpit Gupta <i>Postdoctoral Scholar Research Associate in Chemistry</i>
1:20 - 1:40 PM	Dennis Rui Northwestern University <i>Amgen Scholar</i>	Elucidation of cpSRP43-GUN4 Protein Dynamics Through Proximity-Based Biophysical Techniques	Shu-ou Shan <i>Altair Professor of Chemistry</i> Alex R. Siegel <i>Senior Postdoctoral Scholar Research Associate in Chemistry</i> Yelim Yi <i>Postdoctoral Scholar Research Associate in Chemistry</i>
1:40 - 2:00 PM	Shreya Sivaramakrishnan Shiv Nadar Institution of Eminence	Enzymatic In-Situ Generation of Silylium Ions via Protodesilylation of Allylsilanes	Hosea Nelson <i>Professor of Chemistry</i> Kunal Jha <i>Postdoctoral Scholar Research Associate in Chemistry</i>
2:00 - 2:20 PM	Linus Z. Murphy University of California, Los Angeles	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>
2:20 - 2:40 PM	Ruchira S. Hariharan Cornell University	A Data-Driven Approach Towards the Electrochemical Nickel-Catalyzed Reductive Cross-Coupling of Piperidines	Sarah E. Reisman <i>Bren Professor of Chemistry</i>
2:40 - 2:50 PM	BREAK		
2:50 - 3:10 PM	Zoe R. Grogan Scripps College	Designing Mechanophore- containing Polymers for Targeted Release of Molecular Cargoes	Maxwell J. Robb <i>Assistant Professor of Chemistry</i> Liam A. Ordner <i>Graduate Student in Chemistry</i>

3:10 - 3:30 PM	Anusha K. Chatha <i>John Stauffer SURF Fellow</i>	Mechanism of DNA2-dependent Replication Fork Degradation	Daniel R. Semlow <i>Assistant Professor of Biochemistry; Ronald and JoAnne Willens Scholar</i> Maria Altshuller <i>Graduate Student in Biochemistry and Molecular Biophysics</i> Victoria MacKrell
3:30 - 3:50 PM	Yushan Li University of Illinois at Urbana-Champaign	Understanding the Mutagenic Bypass of HMCES Peptide Adduct	Daniel R. Semlow <i>Assistant Professor of Biochemistry; Ronald and JoAnne Willens Scholar</i>
3:50 - 4:10 PM	Sophia R. Martinez-Whitman Fordham University <i>Southern California Edison WAVE Fellow</i>	Investigating the Non-canonical Binding Interface Between NEIL3 Glycosylase and PCNA	Daniel R. Semlow <i>Assistant Professor of Biochemistry; Ronald and JoAnne Willens Scholar</i> Richa Nigam <i>Postdoctoral Scholar Research Associate in Chemistry</i>
4:10 - 4:30 PM	Jesus E. Mendoza University of Arizona <i>Chen Institute BrainWAVE Fellow</i>	Investigating the Substrate Specificity of O-GlcNAc Transferase (OGT)	Linda C. Hsieh-Wilson <i>Milton and Rosalind Chang Professor of Chemistry; Merkin Institute Professor</i> Maia Helterbrand <i>Graduate Student in Chemistry</i>
4:30 - 4:50 PM	Sigríður B. Karlsdóttir University of Iceland <i>Caltech-University of Iceland Exchange</i>	O-GlcNAc Transferase Activity and Protein-protein Interactions at Synapses	Linda C. Hsieh-Wilson <i>Milton and Rosalind Chang Professor of Chemistry; Merkin Institute Professor</i> Jamison Takashima <i>Graduate Student in Chemistry</i>