

**University of Virginia at the 255th ACS National Meeting
March 18-22, 2018 ; New Orleans, LA**

Date	Time	Speaker	Title	Session	Location
Sunday					
18-Mar	10:15-10:40 am	Charles Machan	Polypyridyl electrocatalysts for the reduction of CO₂	INOR: ACS Award in Organometallic Chemistry: Symposium in honor of Clifford P. Kubiak	Room 343, Ernest N. Morial Convention Center
18-Mar	10:30-11:00 am	Geoffrey M. Geise	Ion specific effects in charged polymers for membrane applications	PMSE: PMSE-North American Membrane Society (NAMS) Joint Symposium on Surface Science of Membranes for Advanced Separations	Studio 2, New Orleans Marriott Canal Street
18-Mar	1:40-2:00 pm	Katy Wilson	Tungsten-promoted dearomatization of benzene: A regio and stereoselective route to functionalized cyclohexenes	ORGN: Metal-Mediated Reactions & Syntheses	R05, Ernest N. Morial Convention Center
18-Mar	3:15-3:35 pm	Kassandra Grimes	Evaluation of integrated algae-wastewater treatment systems to remove antibiotics and reduce downstream antibiotic resistance	ENVR: Antibiotics & Antimicrobial Resistance: Developing Solutions to Address the Connectivity Between Air, Food, Water & Soil	Room 347, Ernest N. Morial Convention Center
Monday					
19-Mar	10:45-11:05 am	Trevor Makal*	Undergraduate inorganic/materials research at UVa-Wise: Evaluating the roles of functional groups in zirconium-based metal-organic frameworks on stability, structural defects, and trace heavy metal capture	ENVR: Environmental Chemistry Undergraduate Education in the Classroom, Laboratory & Beyond	Room 349, Ernest N. Morial Convention Center
19-Mar	2:40-3:00 pm	Arch Creasy	Case of the disappearing protein peak: Gradient elution behavior in HIC with U-shaped retention factor curves	BIOT: Downstream Processing	La Salle A, InterContinental New Orleans
19-Mar	2:55-3:15 pm	Ku-Lung (Ken) Hsu	Chemoproteomic discovery of lipid kinase inhibitors for immuno-oncology	BIOL: Early Career Investigators in Biological Chemistry	Room 244, Ernest N. Morial Convention Center
Tuesday					
20-Mar	9:50-10:15 am	Charles Machan	Earth-abundant molecular electrocatalysts for the reduction of CO₂ and O₂	INOR: Harry Gray Award for Creative Work in Inorganic Chemistry by a Young Investigator: Symposium in honor of Dwight S. Seferos	Room 354, Ernest N. Morial Convention Center
20-Mar	5:30-5:50 pm	Xiaofan Jia	Olefin hydroarylation catalyzed by ruthenium(II) complexes: Changes in reactivity based on auxiliary ligands	INOR: Organometallic Chemistry: Catalysis-Late Transition Metals	Room 212, Ernest N. Morial Convention Center
Wednesday					
21-Mar	8:30-9:05 am	Robin Garrod	Off-lattice microscopic Monte Carlo kinetics models of interstellar and laboratory ices	PHYS: Quantum Chemistry, Dynamics & Reaction Modeling for Molecules & Materials in Astrophysical Environments	Room 225, Ernest N. Morial Convention Center
21-Mar	9:10-9:30 am	Jeffery T Myers	Studies toward enantioenriched molybdenum dearomatization	INOR: Organometallic Chemistry: Applications to Organic Transformations	Room 212, Ernest N. Morial Convention Center
21-Mar	11:00-11:30 am	Baoxing Xu	Liquid evaporation-driven assembly of 3-D architected structures by low-dimensional deformable nanomaterials	COLL: Colloidal Nanoparticle Synthesis & Assembly	R08, Ernest N. Morial Convention Center
21-Mar	2:00-2:25 pm	Huiwang Ai	Fluorescent and bioluminescent biosensors for biological signaling	ANYL: Target-Responsive Fluorescent Probes for Detection & Diagnosis	Room 226, Ernest N. Morial Convention Center
Thursday					
22-Mar	8:30-9:05 am	Eric Herbst	Help is needed: Some current astrochemical problems	PHYS: Quantum Chemistry, Dynamics & Reaction Modeling for Molecules & Materials in Astrophysical Environments	Room 225, Ernest N. Morial Convention Center
22-Mar	9:00-9:20 am	Nichole Schwartz	Photolytic conversion of light alkanes to alkyl esters by iodine oxides and chloride salts in non-superacidic media	INOR: Environmental & Energy-Related Inorganic Chemistry	Room 354, Ernest N. Morial Convention Center
22-Mar	9:05-9:25 am	Dominique Maffucci	Astrochemical kinetic models of dark molecular clouds: Statistical methods and TMC-1	PHYS: Quantum Chemistry, Dynamics & Reaction Modeling for Molecules & Materials in Astrophysical Environments	Room 225, Ernest N. Morial Convention Center
22-Mar	9:20-10:00 am	T. Brent Gunnoe	Conversion of light alkanes to alkyl esters and chlorides using iodine oxides and chlorides: Radical versus non-radical pathways	CATL: Unconventional Catalysis Targeting Stable Molecules	Riverside I, Hampton Inn & Suites Convention Center

Date	Time	Poster Presenter	Poster Title	Session	Location
Sunday					
18-Mar	7:00-9:00 pm	Caroline Franks	Development of a chemical proteomic strategy to target diacylglycerol kinases	BIOL: Current Topics	Hall E, Ernest N. Morial Convention Center
Monday					
19-Mar	noon-2:00 pm	Hannah Daniels*	Synthesis and characterization of ruthenium and manganese CORM complexes with thiosemicarbazone ligands	CHED: Undergraduate Research Posters	Halls D/E, Ernest N. Morial Convention Center
19-Mar	noon-2:00 pm	Madison Niece*	Investigating the chemistry of hexanuclear ruthenium cages and their trinuclear building blocks	CHED: Undergraduate Research Posters	Halls D/E, Ernest N. Morial Convention Center
Tuesday					
20-Mar	5:30-7:30 pm	Steven Dakermanji	Enantioenrichment of a molybdenum dearomatization agent by redox catalysis	INOR: Organometallic Chemistry: Catalysis	Hall D, Ernest N. Morial Convention Center
20-Mar	5:30-7:30 pm	Jacob Smith	Dearomatization and reactivity of benzene and electron-deficient arenes promoted by π-basic transition metal complexes	INOR: Organometallic Chemistry: Applications to Organic Transformations	Hall D, Ernest N. Morial Convention Center
20-Mar	7:00-9:00 pm	Myungsun Shin	Liposomal delivery of diacylglycerol lipase-beta inhibitors to macrophages dramatically enhances selectivity and efficacy in vivo	BIOL: Current Topics	Hall E, Ernest N. Morial Convention Center

* UVA-Wise