Annual DOC Symposia

ACS Meeting Dates/Locations:		ACS Meeting Dates/Locations:	
Spring		**Fall**	
2012 March 22-25/San Diego, CA	***Chemistry and Materials for Energy***	**2012** August 19-23/Philadelphia, PA	***Materials for Health & Medicine***
Understanding Additions to Alkenes: The Contributions of Patrick Henry *Chemistry, Nanostructed Electronic Materials, Joint with the Division of Inorganic Chemistry* *Playing Ball: Molecular Recognition and Modern Physical Organic Chemistry* *Recent Progress and Applications of Multicomponent Reactions* *Chemical Neuroscience* *Building Blocks for Chemical Biology*		*Process Chemistry: The Role of Organic Chemistry in Early Clinical Drug Development* *Celebration of International Chemistry I* *The 2012 Organometallics Symposium* *Beckwith Memorial Symposium on Free Radical Chemistry* *Molecular and Supramolecular Chirality* *Advances in Biocatalysis* *Microwave-assisted Organic Chemistry* *Advances in antimicrobial chemistry and chemical biology*	
2013 April 7-13/New Orleans, LA	***Chemistry of Energy & Food***	**2013** September 8-12/indianapolis, IN	***Chemistry in Motion***
Process Chemistry: New Developments in Pharmaceutical Process Development *Symposium on Graphene Chemistry* *Photocatalysis in Organic Synthesis* *Enatioselective Catalysis: Addressing the Challenge of Reactivity through the Study of Mechanism* *Advances in Green Chemistry* *Developments from Chemical Methodology and Library Development (CMLD) Centers*		*Catalysis in the Pharmaceutical Industry* *Modern Methods in Fluorination Chemistry* *Recent Developments in Solvent-free Organic Reactions* *Advances in Flow Chemistry and Continuous Processing* *Small Splash, Big Waves: Research at Primarily Undergraduate Institutions* *Aerobic Oxidation Methods in Organic Synthesis*	
2014 March 16-20/Dallas, TX	***Chemistry and Materials for Energy***	**2014** August 10-14/San Francisco, CA	***Chemistry & Global Stewardship***
2014 Organometallics Symposium *Transition Metals in Green Chemistry* *Peptoid Chemistry* *CH Activation* *Small Molecules in Chemical Biology* *Macrocyclic Peptides*		*Total Synthesis as a Driver of Synthetic Innovation* *Synthetic Chemical Biology* *Chemical Approaches Towards Understanding and Reprogramming RNA* *Role of Organic Chemistry in Early Clinical Drug Development (VII); New Developments in Drug Discovery and Chemical Process Development*	
2015 March 22-26/Denver, CO	***Chemistry of Natural Resources***	**2015** August 16-20/Boston, MA	***Innovation from Discovery to Application***
Synthetic Biology Applied to Natural and Unnatural Product Pathways (B. Bachmann) *Miniaturization in Chemistry- (sub)-Nanoscale Synthesis, Analysis and Application (Dreher)* *Green Chemistry: Reactions in Alternative Media (Lipshutz)* *Development of Direct/C-H Functionalization Processes towards the Synthesis of Biologically Active Compounds (Mousseau)*		*Small Splash, Big Waves: Research at Primarily Undergraduate Institutions (Biros/Davis)* *Green Chemistry Makes a Difference: Pharmaceutical Industry/Academic Collaborations (M. Kopach)* *Process Chemistry: New Developments in Pharmaceutical Process Development III (Pesti/Cuniere/Desai)* *Magnetically Recyclable Nanocatalysts (Pericas/Reiser)* *Frontiers of Functional Interfaces (A. Cattani-Scholz)* *On the importance of Synthetic Organic Chemistry in Drug Discovery; Selected Contemporary Case studies (Ellman/Mascitti)*	
2016 March 13-17/San Diego, Ca	***Computers in Chemistry***	**2016** August 21-25/Philadelphia, PA	***Chemistry of the People, by the People and for the People***
Supramolecular Chemistry: A Crown and Anchor Approach (A. Gorden) *Lewis Base Catalyzed Asymmetric Transformations (D. Piotrowski)* *Green Chemistry: Enhancing Organic Synthesis in Pharma (S. Koenig)* *Chemical Methods to Investigate Protein Posttranslational Modifications (E. Carlson)*		***Connectivity and the Global Reach of Chemistry*** ***Synthetic Expansion of Nucleic Acid function*** ***Small splashes, Big waves: Research at PUIs*** ***New Trends in Organometallic Chemistry Leading to Organic Synthesis*** ***The Role of Organic Chemistry in Early Clinical Drug Development***	
2017 April 2-6/San Diego, Ca	***Advanced Materials, Technologies, Systems and Processes (Proposed)***	**2017** August 20-24/Washington, DC	***Chemistry's Impact on the Global Economy (Proposed)***
Chemical Biology: Enabling Drug Discovery		Modern Chemistry of the Amide Bond	
Computer-Guided Organic Synthesis		From bioinspired to biocompatible material design for organic electronics	
Application of Physical Organic Chemistry to Challenges in Industry		Small Splash, Big Waves: Research at Primarily Undergraduate Institutions	

Advances in Organic Synthesis: Successes from Academia–Industry Partnerships	Catalysis and Computation
	Using organic chemistry to illuminate biological systems
	Process Chemistry: New Developments in Pharmaceutical Process Development
	Cross-Electrophile Coupling
2018 March 18-22/New Orleans, LA	**2018** August 19-23/Boston, MA
Complex Synthetic Chemistry with Simple Starting Materials	M-Chem: A Whole Lot of Shaking Going On
Successful Products and Models of Undergraduate-based Research: Good Science, Better Scientists	Green Chemistry Innovations as a Useful Tool in the Pharmaceutical Industry
Frontiers in Synthetic Organic Photochemistry	Role of Organic Chemistry in Early Clinical Drug Development
At the Frontier of Stereoselective Alkene Halofunctionalization	Diminutive Molecules, Big Impact: The Chemistry of ADC Linker
2019 March 31-April 4/Orlando, FL	**2019** August 25-29/San Diego, CA
Innovative Green Chemistry: Striving Towards Zero Waste API Manufacturing	Organic Chemistry at Self-Assembling and Biological Interfaces
Process Chemistry: New Developments in Pharmaceutical Process Development	Remarkable Women in Organic Chemistry
Opportunities and Challenges in Carbohydrates	Organic Chemistry for Next-Generation Therapeutics
Successful Products and Models of Undergraduate-Based Research: Good Science, Better Scientists	Sustainable Catalysis – Discovery through Application
	Development of New Strategies for the Synthesis and Functionalization of Strained Rings for Applications as Bioisoteres in Biologically Active Compounds
	Copper-Catalyzed C-Element Bond Cross-Coupling with Arylboronic Acids- Twentieth Anniversary of Chan-Lam Reaction Discovery
	First Generation Academic Faculty: Research Talks + Panel Discussion
	From Lab to Commercial Scale, the Challenges, Obstacles, and Hurdles to Scaling Up Flow Chemistry in the Pharmaceutical Industry
	Artificial Intelligence in Organic Synthesis
2020 canceled	**2020** Virtual
	Functional Organic Assemblies
2021 Virtual	**2021** Atlanta, GA
Advances in on-DNA Reaction Development for Encoded Library Technologies	Modern Organic Electrochemistry
Pharmaceutical Sciences: What Happens Next in Drug Delivery Development?	Chemical and Biological Synthesis of Anti-Infective Agents
The Power of High Throughput Experimentation: Accelerated Synthetic Development and New Reaction Discovery	Designing for Delivery: Particle Engineering
Successful Products and Models of Undergraduate-Based Research: Good Science, Better Scientists	Fast Tracking Drug Discovery: Recent Advances in High Throughput Synthesis
Modern Methods in Polymer Chemistry	
Peptide-Drug Conjugates – A Novel Modality in Organic and Medicinal Chemistry	
Nickel Catalysis For the Synthesis of Small Molecules	
The Importance of Novel Synthetic Methodologies in Driving Green Chemistry	
2022 San Diego, CA	**2022** Chicago, IL
Modern Methods for Alkene Difunctionalization	The Power of Transition Metals: An Unending Well-Spring of New Reactivity
Outstanding Chemists of Color	Designing for Delivery: Bottoms-Up Particle Engineering

Taming the Unnatural – Innovative Noncanonical Amino Acid Synthesis for Drug Discovery and Beyond		Advances in Macrocyclic Design: Computational and Biophysical Methods	
From Theory to Therapy: New Developments in Quantum Mechanical Calculations for Driving Best Chemistry in Academia and Industry		Chemistry Across the Border	
Recent Synthetic Innovations through Academic-Industrial Collaborations		Emerging Methodologies for the Synthesis of Bioconjugates	
Successful Products and Models of Undergraduate-Based Research: Good Science, Better Scientists		Developability of Weak Base Drug Molecules: Mitigating Acid-Reducing Agent Drug-Drug Interactions	
Advancements in Isotope Labelling Strategies of Small Molecules		Sustainable Catalysis and Technologies to Drive Innovation in the Pharmaceutical Industry	
Synthetic Advances Toward Novel Bicyclo[1.1.1]pentanes		Scientific Presentations and Panel Discussion by Representative and Industrial LGBTQ+ Chemists	
ACS Petroleum Research Fund at 65		Advances in the Synthesis and Applications of Strained Ring Compounds	
		Modern Catalytic Methods for the Preparation and Functionalization of Carbohydrates	
2023 Indianapolis, IN		**2023** San Francisco, CA	
Diversity in Organic Chemistry: Celebrating Women		David A. Evans Memorial Symposium	
Pharmaceutical Process Chemistry: Excellence in Synthetic Route Design		Redefining the Monolith: Promoting Asian-American Diversity in Organic Chemistry within Academia and Industry	
Getting More “Eyes" on Your Reaction: Advancing PAT for Chemical Reaction Understanding		Scientific Advances in Organic Synthesis from Primarily Undergraduate Institutions	
Novel Approaches to Skeletal Editing and Scaffold Hopping		Role of Synthetic Innovation in Advancing Medicinal Chemistry	
Biocatalysis Enabled Cascade Processes for a Sustainable Future		Late-Stage Functionalization: Challenges and Opportunities	
Taking Catalysis Up a Notch: Advances in Base Metal Catalysis		Advances in Carbohydrate Synthesis Lead to New Research & Therapeutics Opportunities in the Glycosciences	
Modern Methods in Polymer Chemistry 2.0		Cross Coupling with Csp3-Fragments	
Advances in Copper Catalysis for Organic Synthesis		Medicinal Chemistry at the Interface of High-Throughput Experimentation and Data Science (Joint with COMP and MEDI)	
Synthetic Chemistry Asia-Pacific Region Graduate Student Symposium: Chinese Chapter of the Division of Organic Chemistry (Virtual)		Merging Chemo- and Biocatalytic Reaction Manifolds for Green and Sustainable Chemistry	
Successful Products and Models of Undergraduate-Based Research: Good Science, Better Scientists		Modern NMR Techniques to Elucidate Reaction Mechanism (Joint with ANYL)	
Memorial Symposium in Honor of Robert Grubbs		New Methods via Earth Abundant Element Catalysis	
2024 New Orleans, LA		**2024** Denver, CO	
Process Chemistry as a Central Science in The Pharmaceutical Industry		Sharing Stories to Foster Safer Chemistry for Students and Professionals	
Discovery and Development of KRAS G12C Inhibitors to Treat Cancers		Organic Process Research and Development	
Pyridinium Synthesis and Dearomatization for Organic Synthesis		Biocatalysis: New Paths in a Mature Field	
Electrified Organic Chemistry		Incorporating Research into the Undergraduate Organic Teaching Lab	
Iron Catalysis and Biocatalysis for Organic Synthesis		HTE: Catalyzing Chemical Innovation	
Turning Tar to Triumph		Photocatalysis for Energy Applications	
Uncovering Mechanistic Insights of Organic Reactions with NMR Spectroscopy		Prospective Applications of Machine Learning to Advance Organic Synthesis	
Successful Products and Models of Undergraduate-Based Research: Good Science, Better Scientists		Flow Crystallization of Pharmaceutical Compounds and Beyond	
Global Virtual Symposium: In-silico Organic Chemistry		Radical Advancement for Bond Formation	
Virtual Graduate Students Symposium in Asia-Pacific Region on Synthetic Chemistry		Advancement of Enabling Technologies for Pharmaceutical Drug Substance Manufacturing	
		State of the Art in sp3-Rich Bioisosteres	
		Scientific Advances in Organic Synthesis from Primarily Undergraduate Institutions	