



46th National Organic Chemistry Symposium

JUNE 23-27, 2019

INDIANA UNIVERSITY—BLOOMINGTON

SPEAKER AND EVENT SCHEDULE

All NOS Lectures, Panels & Workshops will be held in the IU Auditorium on IU Campus at 1211 E 7th Street. Breakfast & lunch will be provided in the Grand Foyer of the IU Auditorium. Posters, Mixers & Exhibits will be held in Alumni Hall & the adjacent Solarium located in Indiana Memorial Union (IMU).

SUNDAY, JUNE 23rd

3:00 PM – 11:00 PM	Registration	East Lounge: IMU
8:00 PM – 11:00 PM	Reception, Poster Session & Exhibitors	Alumni Hall & Solarium: IMU

MONDAY, JUNE 24th

7:30 AM – 12:00 PM	Registration	IU Auditorium
7:30 AM – 8:30 AM	Breakfast	IU Auditorium, Foyer
8:30 AM – 9:00 AM	Opening Remarks: Lisa Marcaurelle , <i>GlaxoSmithKline</i> (2019 NOS Chair) Kevin Brown , <i>Indiana University</i> (NOS Local Co-Organizer) Session Chair: Negar Garizi , <i>Corteva Agriscience</i>	
9:00 AM – 9:50 AM	David Williams , <i>Indiana University</i> “Going Discovery Mode: The Quest for Inspiration, Ingenuity, and Innovation”	
9:50 AM – 10:15 AM	Alison Narayan , <i>University of Michigan</i> (NOS Young Investigator) “Biocatalysis and complex molecule synthesis”	
10:15 AM – 10:45 AM	Presentation of Poster Awards & Coffee Break	IU Auditorium, Foyer

SCHEDULE AS OF JUNE 19, 2019

10:45 AM – 11:35 AM	Chris Vanderwal , <i>University of California, Irvine</i> “Strategy-Driven Natural Product Synthesis”	
11:35 AM – 12:25 PM	Martin Eastgate , <i>Bristol-Myers Squibb</i> “Innovation in the Synthesis of Complex Pharmaceuticals”	
12:30 PM – 1:30 PM	Lunch	IU Auditorium, Foyer
1:00 PM – 5:30 PM	Corteva Agriscience Tours (Bus departs at 1 pm from the IU Auditorium)	
1:00 PM – 5:00 PM	Hard Truth Distillery (Bus departs at 1 pm from the IU Auditorium)	
	Session Chair: Emily McLaughlin , <i>Bard College</i>	
6:30 PM – 6:55 PM	Elizabeth Swift , <i>AbbVie</i> (NOS Young Investigator) “Application of Photoisomerization for the Synthesis of Enantioenriched β -Aryloxyesters”	
6:55 PM – 7:45 PM	L.-C. Campeau , <i>Merck & Co.</i> “Adventures in Nucleoside Analog Total Synthesis and Other Reactions You Didn’t Know Where Difficult”	
7:45 PM – 8:35 PM	Tim Jamison , <i>Massachusetts Institute of Technology</i> “The Why, When, and How of Flow Chemistry”	
8:35 PM – 11:00 PM	Mixer, Poster Session & Exhibitors	Alumni Hall & Solarium: IMU

TUESDAY, JUNE 25th

7:30 AM – 8:30 AM	Breakfast	IU Auditorium, Foyer
	Session Chair: Richard Broene , <i>Bowdoin College</i> (2021 NOS Co-Chair)	
8:30 AM – 9:20 AM	Huw Davies , <i>Emory University</i> “Catalyst-Controlled C–H Functionalization”	
9:20 AM – 10:10 AM	Cristina Nevado , <i>University of Zürich</i> “Solving Mechanistic Puzzles in Metal-catalyzed Reactions”	
10:10 AM – 10:40 AM	Presentation of Poster Awards & Coffee Break	IU Auditorium, Foyer
10:40 AM – 11:05 AM	David Sarlah , <i>University of Illinois-Urbana Champaign</i> (NOS Young Investigator) “Dearomative Functionalization Strategies and Synthesis of Anticancer Natural Products”	

SCHEDULE AS OF JUNE 19, 2019

11:05 AM – 11:30 AM	Hosea Nelson , <i>University of California, Los Angeles</i> (NOS Young Investigator) “Twists and turns along the path of reactivity-driven methodology development”	
11:30 AM – 12:20 PM	P. Andrew Evans , <i>Queen’s University</i> “Stereoselective Construction of Challenging C-C Bonds: Total Synthesis of Complex Bioactive Agents”	
12:30 PM – 1:30 PM	Lunch	IU Auditorium, Foyer
1:00 PM – 5:00 PM	Eli Lilly & Co. Tours (Bus departs at 1 pm from the IU Auditorium)	
1:00 PM – 5:00 PM	Oliver Winery (Bus departs at 1 pm from the IU Auditorium)	
	Session Chairs: Jeffrey Aubé , <i>University of North Carolina</i> (Chair, ACS Division of Organic Chemistry) and Tim Jamison , <i>Massachusetts Institute of Technology</i> (Award Presenter)	
6:45 PM – 7:00 PM	Presentation of the Roger Adams Award	IU Auditorium
7:00 PM – 8:00 PM	2019 Roger Adams Award Lecture: Stephen L. Buchwald , <i>Massachusetts Institute of Technology</i> “Palladium-Catalyzed Carbon-Heteroatom Bond-Forming Reactions for the Functionalization of Molecules Big and Small”	
8:00 PM – 11:00 PM	Mixer, Poster Session & Exhibitors	Alumni Hall & Solarium: IMU

WEDNESDAY, JUNE 26th

7:30 AM – 8:30 AM	Breakfast	IU Auditorium, Foyer
	Session Chair: Timothy D. White , <i>Eli Lilly & Co</i>	
8:30 AM – 9:20 AM	MariJean Eggen , <i>Eli Lilly & Co</i> “Designed for Purpose in a Complex Discovery World”	
9:20 AM – 10:10 AM	Jennifer Prescher , <i>University of California, Irvine</i> “Chemical probes to spy on cellular communication”	
10:10 AM – 10:45 AM	Presentation of Poster Awards & Coffee Break	IU Auditorium, Foyer
10:45 AM – 11:10 AM	Katelyn Billings , <i>GlaxoSmithKline</i> (NOS Young Investigator) “Seeing DNA Encoded Library Technology in a New Light: Recent Advances in On-DNA Chemistry”	

SCHEDULE AS OF JUNE 19, 2019

11:10 AM – 12:00 PM	Corey Stephenson , <i>University of Michigan</i> “Photochemical Strategies for Complex Molecules”	
12:00 PM – 1:15 PM	Lunch	IU Auditorium, Foyer
12:15 PM – 1:15 PM	Undergraduate Context Session (bring your lunch) Ronald Brisbois , <i>Macalaster</i> Jeff Katz , <i>Colby College</i> Rita Majerle , <i>Hamline University</i>	IU Auditorium
1:15 PM – 2:00 PM	Grant Writing Workshop Nancy Jensen , <i>American Chemical Society</i>	IU Auditorium
2:00 PM – 2:45 PM	Publishing Workshop Nicole Camasso , <i>American Chemical Society</i>	IU Auditorium
2:45 PM – 3:00 PM	Break	
3:00 PM – 3:45 PM	PUI Academic Career Panel Megan Jacobson , <i>College of Southern Idaho</i> Amber Onorato , <i>Northern Kentucky University</i> James Vyvyan , <i>Western Washington University</i> Jeff Cannon , <i>Occidental College</i> Rita Majerle , <i>Hamline University</i> Sarah Dimick Gray , <i>Metropolitan State University</i>	IU Auditorium
3:45 PM – 4:30 PM	Industry Career Panel Sandra King , <i>Agios</i> Katelyn Billings , <i>GlaxoSmithKline</i> MariJean, Eggen , <i>Eli Lilly & Co.</i> L.-C. Campeau , <i>Merck & Co.</i> Elizabeth Swift , <i>AbbVie Inc.</i> Scott Bagley , <i>Pfizer Inc.</i> Chris Regens , <i>Gilead</i> Blane Zavesky , <i>Corteva Agriscience</i> Lydia Rono , <i>Bristol-Myers Squibb</i>	IU Auditorium
5:00 PM – 7:00 PM	NOS Banquet	Fine Arts Plaza: Front of IU Auditorium
	Session Chair: Nikki Pohl , <i>Indiana University</i>	
7:15 PM – 8:15 PM	Carolyn Bertozzi , <i>Stanford University</i> “Therapeutic opportunities in glycoscience”	
8:15 PM – 11:00 PM	Mixer, Poster Session & Exhibitor Booths	Alumni Hall & Solarium: IMU

THURSDAY, JUNE 27th

8:00 AM – 9:00 AM	Breakfast	IU Auditorium, Foyer
	Session Chair: Angie Angeles , <i>Gilead</i> (2021 NOS Co-Chair)	
9:00 AM – 9:50 AM	Kay Brummond , <i>University of Pittsburgh</i> “A Synergistic Strategy for Achieving an Asymmetric Pauson–Khand Reaction of Allenyl Acetates Using Iterative Synthetic Chemistry and Quantum Mechanics”	
9:50 AM – 10:15 AM	Hanna Wisniewska , <i>Pfizer</i> (NOS Young Investigator) “Tissue Specific Delivery of Cas9 Ribonucleoprotein for Liver Selective Gene Editing”	
10:15 AM – 10:40 AM	Presentation of Poster Awards & Coffee Break	IU Auditorium, Foyer
10:40 Am – 11:30 AM	Malika Jefferies-EL , <i>Boston University</i> “Design and synthesis of organic electronic materials”	
11:30 AM – 12:20 PM	Thomas Hoye , <i>University of Minnesota</i> “Newer developments with the hexadehydro-Diels-Alder (HDDA) reaction”	
12:20 PM – 12:30 PM	Closing Remarks	