



**ACS**  
Chemistry for Life®



254th ACS National Meeting • Washington, DC  
Fall 2017 WCC/Eli Lilly Travel Award Poster Session

Tuesday, August 22, 2017 • 11:00 am – 12:00 pm  
Marriott Marquis Washington, DC, Independence Salon E-H



**Hanan Alwaseem**, *University of Rochester*  
Probe-guided strategy for selective C-H functionalization and late-stage diversification of the natural product micheliolide via P450-mediated chemoenzymatic synthesis  
ORGN



**Nicole M. Bentz**, *St. Cloud State University*  
Chemotherapeutic agents from natural product templates: Design and synthesis of alpha-methylene indanone, coumarin, and quinolin-2-one analogues  
CHED



**Kelsey S. Boes**, *North Carolina State University*  
Rapid Quadrupole–Time-of-Flight Mass Spectrometry Method Quantifies Oxygen-rich Compounds in Complex Mixtures  
ENFL



**Rosalva Castrejon Garcia**, *North Carolina State University*  
Efficient synthesis of N-heteroacenes, 1D graphene analogues, for organic electronics  
ORGN



**Carolyn M. Cohen**, *Stanford University*  
Chemical synthesis and absolute stereochemical determination of a ladderane phospholipid  
ORGN



**Lindsay K. Hill**, *SUNY Downstate Medical Center*  
Exploiting chemical biology to generate protein-iron oxide hybrid biomaterials for theranostics  
PMSE



**Erika Lucas**, *University of California, Irvine*  
Nickel-catalyzed reductive cross-electrophile coupling reactions of alkyl fluorides for cyclopropane synthesis  
ORGN



**Jennifer K. Matsui**, *University of Pennsylvania*  
Building a library of 2-(hetero)arylchromanones via photoredox catalysis  
ORGN



**Jillian R. Sanzone**, *New York University*  
Uncatalyzed 1,2-carboaddition of seven-membered-ring trans-alkenes  
ORGN



**Crystal L. Tulley-Cordova**, *University of Utah*  
Tracing the origins of Navajo waters in Arizona, New Mexico, and Utah  
CMA



**Heidi L. van de Wouw**, *Johns Hopkins University*  
BN heterocycles for molecular diversity  
ORGN

WCC Chair

**Laura S. Sremaniak**, *North Carolina State University*

WCC Awards & Recognition Subcommittee Co-Chairs

**Amy Nicely**, *Parkland College*

**Christine Chow**, *Wayne State University*



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