CHICAGO MASS SPEC DAY 2018

July 20th

University of Illinois at Chicago
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Mass Spectrometry
Chicago Mass Spectrometry Discussion Group

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Friday, July 20 2018

Morning Session
Session for students, postdocs, trainees, and early career scientists only

Discussion Leaders: Emily Tollefson & Oded Yogev
Room 134-2

8:30 - 8:40 AM  Welcome/Introduction to Chicago Mass Spec Day by Melissa Galey

8:40 - 9:05 AM  Jonathon Hopwood (Loyola University)
"Analyzing Diels-Alder Reactions of Acene Films and Single Crystals via Mass Spectrometry"

9:05 - 9:30 AM  Sugasini Dhavamani (University of Illinois at Chicago)
"Separation and Quantification of Acyl Migration of 2-acyl-LPC and 1-acyl LPC by LC/MS/MS"

9:30 - 9:50 AM  Coffee Break

9:50 - 10:15 AM  Breanna Zerfas (Purdue University)
"Discovery of a Small Peptide Prodrug to Selectively Label Immunoproteasome Expressing Cells"

10:15 - 10:40 AM  Joseph McKillip (University of Minnesota)
"Impact of Histidine Kinase Inhibitors on Secondary Metabolite Production of Streptomycetes"

10:40 - 11:05 AM  Brian David (University of Illinois at Chicago)
"Label-Free Visualization of Peptides and Small Molecules in Tumor Explants Using Mass Spectrometry Imaging"
Agenda

Friday, July 20 2018

Afternoon Session
Open for all attendees

10:30 - 11:00 AM  Registration for Faculty and Senior Scientists, COP Lobby
11:05 - 11:30 AM  Lunch, 2N, 2nd floor
11:30 - 1:00 PM  MS Primers/Facility Tours
  ●  MS Basics: 212/216
  ●  Experimental Design: 134-2
  ●  Career Panel: 134-3
      ○  Moderator: Melissa Pergande
  ●  RRC Tour: Meet in COP Lobby

Discussion Leaders:  Alanna Condren & Matthew Waas

1:00 - 2:00 PM  Theresa Evans-Nguyen (University of South Florida)
Targeting the Next Generation of Mass Spectrometry Instrumentation Development
Room 134-1

2:00 - 3:00 PM  POSTER SESSION, COP Lobby
Even numbers
3:00 - 4:00 PM  Odd Numbers

4:00 - 5:00 PM  Networking Reception, Atkins Medicinal Garden
Keynote Speaker

Targeting the Next Generation of Mass Spectrometry Instrumentation Development

Theresa Evans-Nguyen, Ph.D.
Assistant Professor, Department of Chemistry, University of South Florida

The Evans-Nguyen lab is focused on the development of mass spectrometry instrumentation for the space, defense, and biomedical sectors.

Education

- 2005-2009 Johns Hopkins University; Postdoctoral Researcher
- 2000-2005 The University of North Carolina at Chapel Hill; Ph.D. in Chemistry (Analytical Chemistry)
- 1996-2000 The College of William & Mary; B.S. in Chemistry

Professional Experience

- 2009-2015 Senior Staff Scientist, Draper Laboratory
- 2015-Present Assistant Professor, The University of South Florida

Recent Publications

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Poster Map

1st Floor Poster Locations:

Posters 1-32

Coffee/Water Station
CMS Discussion Table
Literature Table
Registration Desk
Chicago Mass Spec Day is an educational and networking event for mass spectrometry enthusiasts in the greater Chicagoland area.

**July 20th, 2018**
University of Illinois at Chicago
College of Pharmacy
833 S. Wood St

**Networking Reception**

**Building accessible**
From S. Wood St

**Paulina Parking**
Garage

**Chair**
Melissa Galey

**Faculty Advisors**
Laura Sanchez and Stephanie Cologna
chicagomassspecday@gmail.com
ChicagoMassSpecDay.weebly.com