

# 1<sup>ST</sup> ANNUAL NORTH AMERICAN MASS SPECTROMETRY SUMMER SCHOOL

**AUGUST 6-9 2018** Madison, Wisconsin

Organizers: Josh Coon, Mike Sussman, Lingjun Li, and Dave Pagliarini

## World-Leading Expert Instructors:

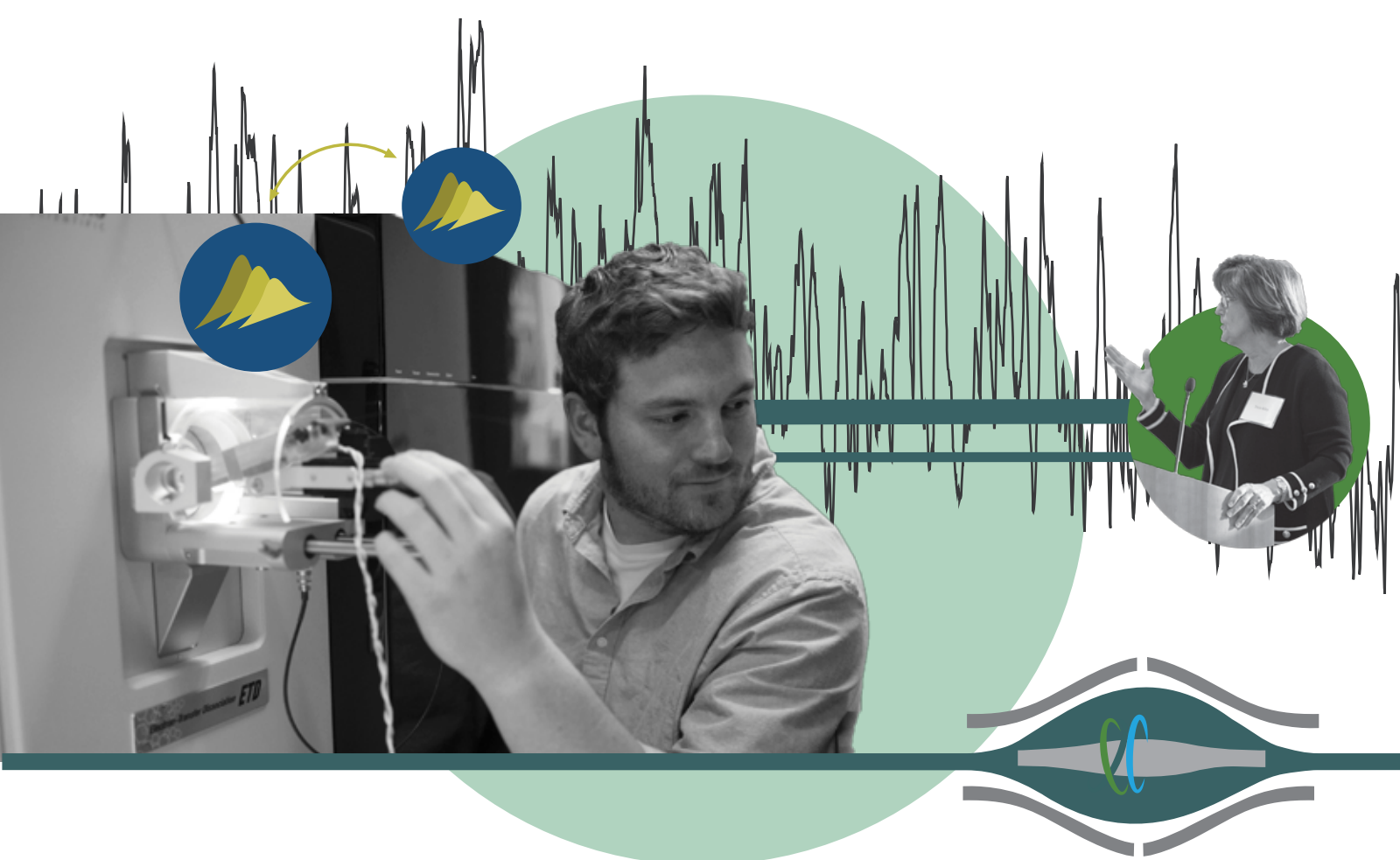
**Steve Briggs** – UC San Diego  
**Sixue Chen** – University of Florida  
**Josh Coon** – University of Wisconsin  
**Oliver Fiehn** – UC Davis  
**Lingjun Li** – University of Wisconsin  
**Craig Mak** – Cell Systems  
**Graeme McAlister** – Thermo Fisher Scientific  
**Alexey I. Nesvizhskii** – University of Michigan  
**Dave Pagliarini** – Morgridge Institute  
**Sharon Pitteri** – Stanford University  
**Evgenia Shishkova** – University of Wisconsin  
**Danielle Swaney** – UC San Francisco  
**Andy Tao** – Purdue University  
**Olga Vitek** – Northeastern University  
**John Yates** – Scripps Research Institute

## Tutorial Lecture Topics:

Data Analysis  
 High-Performance MS  
 Omics Experimental Design  
 Peptide Separations  
 Protein Identification  
 Protein Post-Translational Modification  
 Protein Quantification  
 Sample Preparation

## Hands-on Workshops:

Data Analysis  
 The Art of Elevator Pitches  
 Mass Spec 101  
 Science Writing  
 Sample Preparation  
 Publishing and Reviewing



Join us for the first annual North American mass spectrometry summer school. We are proud to have assembled over a dozen world-leading experts in mass spectrometry for this four-day course. Students will experience an engaging and inspiring program covering the latest in the application of mass spectrometry to omic analyses in plants (NSF) and animals (NIH). Tutorial lectures range from experimental design, sample preparation, and quantification to the basics of high performance mass analyzers and data analysis. Also planned are several hands-on workshops - aimed at both scientific and professional development. Finally, we will take a break on one afternoon for a whole group experience at nearby park where workshop goers can choose from a slate of exciting activities ranging from guided rock climbing to hiking.

This workshop is made possible by generous funding from the National Science Foundation (Integrated Organismal Systems, Plant Genome Research Program, Grant No. 1546742) and the National Institutes of Health National Center for Quantitative Biology of Complex Systems (P41 GM108538). There is no cost to participate and several travel awards are available.

Limited space available. Apply now through April 1, 2018

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