



2026 Wisconsin Human Proteomics Symposium

EMPOWERING THE NEXT GENERATION OF SCIENTISTS

August 5-6, 2026 | Join us virtually or in-person at the
UW-Madison Health Sciences Learning Center



DAY 1 | Aug. 5 (Virtual Only in Zoom)

Career Development Workshop

Chairs: Mallory Wilson and Claire Boos
(9:30-11:00 am, [Zoom Link](#))

9:30 – 9:45 am	<i>Introduction</i>
9:45 – 10:10 am	Split into breakout rooms for prescreened questions
10:10 – 10:30am	Moderated breakout discussions with live audience questions
10:30– 11:00 am	Networking with panelists in individual breakout rooms
	Breakout Room 1: Academic & Clinical Frontiers Panelists • Emma Guiberson, Assistant Professor of Chemistry, Middlebury College • Che-Fan Huang, Incoming Assistant Professor of Chemistry, Texas A&M University • Corinne Lutomski, Incoming Assistant Professor of Chemistry, University of California, San Francisco (UCSF) • Morgan Mann, Assistant Director of Newborn Screening and Assistant Professor of Pediatrics, UW–Madison School of Medicine and Public Health Moderators: Jericha Mill, Margaret Robinson, Kendra Selby, Tina Dang, Hsin-Ju (Ruby) Chan Breakout Room 2: Industry & Government Sectors Panelists • Savannah Snyder, Regional Sales Manager, Bruker • Lisa Jenkins, Senior Associate Scientist, National Cancer Institute (NCI) • M. Violet Lee, Senior Principal Scientist, Genentech • Jennifer Lofland, Senior Medical Director, U.S. Medical Affairs, Incyte Moderators: Will Leiter, Sarah Lofland, Claire Boos, Anna Grace Towler, Jiahao Zhang Main Breakout Room / Participant Support Facilitators: Mallory Wilson, Isabella (Bella) Clemmer IT Support: Matthew Fischer Andrew Perciaccante

DAY 2 | August 6

Scientific Symposium

(HSLC 1306, Virtual option available in [Zoom](#))

8:30am – 5:00pm	Conference Registration	HSLC Atrium
Session I Chair: Ying Ge, PhD		
9:00–9:10 am	Welcome and Opening Remarks Allan Brasier, MD Senior Associate Dean Clinical and Translational Research, School of Medicine and Public Health University of Wisconsin - Madison	
9:10–10:00 am (45 min Presentation, 5 min Q/A)	Keynote Speaker Joseph Loo, PhD University of California-Los Angeles <i>“Impacting Structural Biology and Disease Research with Native Top-Down Proteomics”</i>	
10:00 –10:20 am (17 min Presentation, 3 min Q/A) 10:20– 10:40 am (17 min Presentation, 3 min Q/A)	Amy Weeks, PhD University of Wisconsin - Madison <i>“New enzyme chemistry to decipher post-translational modification function using MS-based proteomics”</i> Francisco Alvarado, PhD University of Wisconsin - Madison <i>“Ryanodine receptor 2 regulation in the healthy and diseased heart: a new look at an old problem”</i>	
10:40 – 11:00am	Coffee Break	HSLC Atrium
Session II Chair: Zicheng Jin, PhD, DABCC		
11:00 –11:20 am (17 min Presentation, 3 min Q/A) 11:20– 11:40 am (17 min Presentation, 3 min Q/A) 11:40– 12:00 pm (17 min Presentation, 3 min Q/A)	Stefani Thomas, PhD, DABCC, NRCC University of Minnesota <i>“Predictive biomarkers of PARP inhibitor resistance in ovarian cancer”</i> Wei Wei, PhD University of Wisconsin – Madison <i>“Deorphanizing Biochemical Pathways of Nutrient Metabolism”</i> Rachel Turn, PhD University of Wisconsin – Madison <i>“Time-Resolved Proteomics Maps Stepwise Primary Cilia Assembly and GPCR Trafficking”</i>	

12:05 – 1:00pm	Lunch, Sponsor Exhibit and Networking	HSLC Atrium
<u>Rising Star Session</u> Chair: Judith Simcox, PhD 1:00 pm – 3:00 pm Each finalist will give a 10 min presentation plus 2 min Q&A.		
Fanny Caroline Liu, PhD Research Faculty, Bleiholder Lab, Florida State University <i>“Beyond Ensemble Measurements: Resolving Antigen Binding and Conformational Heterogeneity in Multispecific Antibodies”</i> Benjamin Minkoff, PhD Senior Scientist, Sussman Lab, University of Wisconsin – Madison <i>“Paired structural proteomic and phosphoproteomic analysis of CDK7 inhibition in fibrolamellar carcinoma patient-derived organoid models”</i> John Shuster MD-PhD Student, Simcox Lab, University of Wisconsin – Madison <i>“Optimization of Oxylin Quantification using Bio-Inert Chromatography Systems and Mass Spectrometry”</i> Claire Boos Graduate Student (6th year), Smith Lab, University of Wisconsin – Madison <i>“The Proteoform Landscape of HIV-1 Virions”</i> Angel E. Ibarra Graduate Student (6th year), Li Lab, University of Wisconsin – Madison <i>“Building a Quantitative Neuropeptidomic Toolkit”</i> Hsin-Ju (Ruby) Chan Graduate Student (5th year), Ge Lab, University of Wisconsin – Madison <i>“Resolving the Complex Human Cardiac Proteome by Gel-Based Prefractionation and Top-Down Proteomics”</i> Margaret Robinson Graduate Student (5th year), Coon Lab, University of Wisconsin – Madison <i>“Proteome-wide QTL mapping enables gene-protein-phenotype network construction in a genetically diverse MASLD mouse model”</i> Vu Ngoc Huong Tran Graduate Student (5th year), Li Lab, University of Wisconsin – Madison <i>“Quantitative Neuropeptidomics Reveals Spinal Cord Neurochemical Signatures of Disease-Modifying Osteoarthritis Drugs”</i> Jiahao Zhang Graduate Student (4th year), Li Lab, University of Wisconsin – Madison <i>“Integrated Lipidomics and Subcellular Proteomics Reveal Trans Fat-Induced Hepatic Organelle Remodeling”</i> Andrew J. Perciaccante Graduate Student (4th year), Ge Lab, University of Wisconsin – Madison <i>“Integrated Multiomics Enabled by Sequential Extraction for Comprehensive Molecular Profiling of Small Extracellular Vesicles”</i>		

3:00 – 3:10pm	Break	HSLC Atrium
Session III Chair: Lingjun Li, PhD		
3:10– 3:45 pm (30 min Presentation, 5 min Q/A)	<u>Keynote Speaker II</u> <i>Amanda Hummon, PhD</i> The Ohio State University <i>“Spatial SILAC—Developing Isotopic Zip Codes”</i>	
3:45 – 3:53 pm (8 min Presentation)	Gold Sponsor Presentation <i>Shashank Jain, PhD.</i> Waters Corporation <i>“Enabling deep proteome coverage at ultra-high throughput using stepped-quadrupole DIA on a novel MRT benchtop MS”</i>	
3:53 - 4:00 pm	Award Ceremony	
4:00 – 5:30pm	Poster Session, Exhibits, and Reception	HSLC Atrium
5:30pm	Closing Remarks	HSLC Atrium

