

Annual Spring Meeting 2025



Matsen Conference Room

ARUP Laboratories, Salt Lake City, Utah

Thursday, May 1, 2025

7:30 AM – 8:30 AM		Registration and Breakfast
8:30 AM – 8:45 AM	<i>Welcome</i>	Opening Remarks
8:45 AM – 9:45 AM		<p>Keynote address <i>Big Data in Laboratory Medicine</i> Anthony Killeen, MD, PhD Professor, University of Minnesota Medical Center President of ADLM</p>
9:45 AM – 10:30 AM		<p><i>Equitable Diagnostics: What Laboratory Medicine Can Learn from Algorithmic Fairness</i> Mark Zaydman, MD, PhD Assistant Professor, Washington University School of Medicine in St. Louis</p>
10:30 AM – 10:45 AM		Coffee Break
10:45 AM – 11:15 AM		<p><i>Adventures in Machine Learning- based Detection of IV Fluid Contamination</i> Nicholas Spies, MD Assistant Professor, University of Utah/ARUP Laboratories</p>

11:15 AM – 11:45 AM		<i>Implementation of an Intrasite QA Program in a High-volume Clinical Laboratory</i> Samantha Logan, PhD, FCACB, DABCC Assistant Professor, University of Calgary
11:45 AM – 12:00 PM		Coffee Break
12:00 PM – 12:30 PM		The Future of Diagnostics: How AI is Enhancing Accuracy, Accessibility, and Efficiency Susan Gawel, PhD Abbott Diagnostics
12:30 PM – 1:15 PM		Lunch
1:15 PM – 1:45 PM		<i>Advances in the detection of serum monoclonal gammopathies</i> Abdulrahman Saadalla, MBBCh Assistant Professor, University of Utah/ARUP Laboratories
1:45 PM – 2:30 PM		<i>The Magic and Madness of Mass Spectrometry in Medicine</i> Gwen McMillin, PhD, DABCC Professor and Director of Mass-spectrometry University of Utah/ARUP Laboratories
2:30 PM – 2:45 PM		Coffee Break
2:45 PM – 3:15 PM		<i>Evolving Biomarker Testing Landscape in Alzheimer's Disease</i> Heather Nelson, PhD, DABCC Assistant Professor, University of Utah/ARUP Laboratories

3:15 PM – 4:15 PM (Hawk Conference Room)		Poster Competition
4:30 PM – 5:30 PM		ARUP Laboratories Tour (optional)

Friday, May 2, 2025

8:00 AM – 8:30 AM		Breakfast
8:30 AM – 9:00 AM		<i>Update on Regulation of Laboratory-Developed Tests</i> Jonathan Genzen, MD, PhD Professor and Chief Medical Officer, University of Utah/ARUP Laboratories
9:00 AM – 9:15 AM		<i>Feasibility and Stability of Capillary Blood Collection Using Tasso+ for Key Clinical Biomarkers</i> Elizabeth Enrico, PhD R&I Scientist III, ARUP Laboratories
9:15 AM – 10:15 AM		<i>Turning Down the Volume: Strategies to Reduce Sample Volume from Babies to Adults</i> Dennis Dietzen, PhD, DABCC Chair in Pathology and Laboratory Medicine, Phoenix Children's Hospital
10:15 AM – 10:30 AM		Coffee Break
10:30 AM – 11:05 AM		<i>Utah Drug Use Trends: From Cartels to the Dark Web</i> Michael Moss, MD Associate Professor and Director of Utah Poison Control, University of Utah

11:05 AM – 11:45 AM		<i>Overdose Deaths in Utah: The OME Perspective</i> Deirdre Amaro, MD Utah State Chief Medical Examiner
11:45 AM – 12:00 PM		<i>Validation of the Suitability of the Foley Kit Specimen for Urine Drug Screening</i> Sisu Han, PhD Clinical Biochemistry Fellow, University of Calgary
12:00 PM – 1:00 PM		Lunch
1:00 PM – 1:30 PM		<i>LC-MS/MS Unfiltered: The Magic Behind the Machine</i> Diana Tran, BS Applications Support Manager, SCIEX
1:30 PM – 2:00 PM		Awards and Closing Remarks
2:15 PM – 3:15 PM		ARUP Laboratories Tour (optional)

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