

Sunday, July 12, 2026

1:00 - 6:00 pm	Registration	Prefunction, 4th Floor
1:00 - 5:00 pm	Exhibitor set-up	Texas C
3:00 - 6:00 pm	Poster Board set-up	Texas C
5:30 - 6:00 pm	Volunteer Meeting	Texas C
6:00 - 9:00 pm	Welcome reception	Texas C

Monday, July 13, 2026

7:00 - 9:30 am	Poster Board set-up	Texas C
7:15 - 8:15 am	Waters Vendor Seminar <i>(pre-registration required)</i>	Texas B
7:30 - 5:00 pm	Registration	Prefunction, 4th Floor
7:45 - 8:15 am	Early Morning Coffee	Texas C
8:20 - 8:30 am	Opening Remarks - Alexandria Bush, Chair, FLAG Works, Inc. Board of Directors	Texas A
8:35 - 8:40 am	Opening Remarks - Julie Brunkhorst, 2026 NACRW President	Texas A
8:40 - 8:45 am	Opening Remarks - Holly Lee and Kelsey Powers, 2026 NACRW Program Co-Chairs	Texas A
8:45 - 10:10 am	SESSION 1 - Part 1: Analysis of Chemical Residues in Challenging Food Matrices Chairs: Edmund Azah, Ken Kise	Texas A
8:45 - 8:50 am	Agilent 5-min intro	Texas A
8:50 - 9:10 am	Jeffrey Sayen, Agilent Technologies Inc. Determination of the Geographical Origin of Spices Using ICP-OES, ICP-MS, and PCA Analysis	Texas A
9:10 - 9:30 am	Holly Lee, SCIEX Quantitation of polar pesticides in foods of plant origin	Texas A
9:30 - 9:50 am	Tiffany Liden, Shimadzu Scientific Instruments Analysis of Volatile PFAS in Complex Juice Matrices Using a Simplified HS-SPME GC/MS/MS Approach	Texas A
9:50 - 10:10 am	Lukas Vaclavik, Eurofins Food Chemistry Testing Determination of Mineral Oil Hydrocarbons in Foods: Setup and Validation of an Online-Coupled HPLC–GC–FID Method with Automated Sample Preparation	Texas A
10:15 - 10:35 am	Coffee break, exhibition, and posters (authors present for odd# posters)	Texas C
10:40 - 11:40 am	SESSION 1 - Part 2: Analysis of Chemical Residues in Challenging Food Matrices Chairs: Edmund Azah, Ken Kise	Texas A

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10:40 - 11:00 am	Zeyu Han, Mérieux NutriSciences, Silliker Canada Co. Ltd. Analysis of Multi-Class Drug Residues and Glucosamine in Animal Feed	Texas A
11:00 - 11:20 am	Wiley Hall, USDA-ARS-SJVASC The Identification and Quantification of Persistent Pesticide Residues Resulting from the Treatment of Museum Display Items.	Texas A
11:20 - 11:40 am	Lihini Tharanga Mendis, Shimadzu Scientific Instruments Quantitative and Qualitative Analysis of Pyrethroid Residues in Soy Based Choline Supplements Using LC MS/MS with Electrospray Chemical Ionization	Texas A
11:45 - 1:30 pm	Lunch and exhibition	Texas C
12:15 - 1:15 pm	SCIEX Vendor Seminar <i>(pre-registration required)</i>	Texas B
1:30 - 2:55 pm	SESSION 2 - Part 1: Analytical and Regulatory Perspectives on PFAS in Food and Food Contact Materials Chairs: Lorna De Leoz, John Schmitz	Texas A
1:30 - 1:35 pm	SCIEX 5-min intro	Texas A
1:35 - 1:55 pm	Taryn McKnight, Eurofins Environmental Testing Aligning Analytical Method Options for PFAS with Evolving Regulatory and Compliance Requirements	Texas A
1:55 - 2:15 pm	Margot Lee, Waters Corporation Flame-Broiled and Fluorinated: PFAS Analysis in BBQ Foods Using a Reduced QuEChERS Approach	Texas A
2:15 - 2:35 pm	Tiffany Liden, Shimadzu Scientific Instruments. Single-System LC–MS/MS Analysis of PFAS and Cyanotoxins: Evaluation of Method Performance and the Effects of Mobile Phase Additives	Texas A
2:35 - 2:55 pm	Alicia Stell, CEM Corporation Pressurized Extraction and Cleanup in One Automated Process for PFAS Analysis of Food	Texas A
3:00 - 3:20 pm	Coffee break, exhibition, and posters (authors present for even# posters)	Texas C
3:25 - 4:45 pm	SESSION 2 - Part 2: Analytical and Regulatory Perspectives on PFAS in Food and Food Contact Materials Chairs: Lorna De Leoz, John Schmitz	Texas A
3:25 - 3:45 pm	Ed George, Thermo Fisher Scientific Automated Extraction Paired with a Dual-LC Orbitrap Workflow for Targeted PFAS Analysis in Food	Texas A
3:45 - 4:05 pm	Seyyedhadi Khatami, Bruker A Rapid Screening Method for PFAS Analysis (EPA 1633a) Using DART/MS	Texas A
4:05 - 4:25 pm	Michael Buhrman, Eurofins Food Chemistry Testing Setup and Validation of a Sensitive, Robust and High-Throughput LC-MS/MS Method for Determination of Thirty Priority PFAS in Foods, Infant Formula and Dietary Supplements	Texas A

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4:25 - 4:45 pm	Ashley Griffin and Xun (Ann) Fu, Nestle Quality Assurance Center Evaluating the Efficacy of PFAS Preventive Controls: A Statistical Comparison of Nestle and FDA Market Basket Data	Texas A
4:45 - 4:50 pm	Closing remarks for Day 1 - Kelsey Powers, Holly Lee	Texas A
4:50 - 6:00 pm	Exhibition and poster session (all posters)	Texas C
<u>Tuesday, July 14, 2026</u>		
7:15 - 8:15 am	LGC Standards Vendor Seminar (<i>pre-registration required</i>)	Texas B
8:00 - 4:00 pm	Registration	Bonham A, 3rd Floor
7:45 - 8:15 am	Early Morning Coffee	Texas C
8:30 - 9:55 am	SESSION 3 - Part 1: Basic 101 in method development, validation and troubleshooting laboratory challenges Chairs: Scott Krepich, Bikram Subedi	Texas A
8:30 - 8:35 am	UCT 5-min intro	Texas A
8:35 - 8:55 am	Christian Talavera, FDA Single Laboratory Validation of an LC-MS/MS Method for the Determination of Quaternary Ammonium Pesticides in Food	Texas A
8:55 - 9:15 am	Julie Kowalski, jkSS, LLC Developing a Practical Pesticide Method Development Handbook for Emerging and Complex Matrices: An AOAC CASP Initiative	Texas A
9:15 - 9:35 am	Tiffany Liden, Shimadzu Scientific Instruments Practical Performance Drivers in EPA 1633A: A Case Study in Landfill Leachate	Texas A
9:35 - 9:55 am	Evan Walters, Biotage Optimizing Sample Preparation Strategies for Antibiotic Residue Analysis in Honey Using LC MS/MS	Texas A
10:00 - 10:20 am	Coffee break, exhibition, and posters (authors present for even# posters)	Texas C
10:25 - 11:45 am	SESSION 3 - Part 2: Basic 101 in method development, validation and troubleshooting laboratory challenges Chairs: Scott Krepich, Bikram Subedi	Texas A
10:25 - 10:45 am	Katherine Weddell, Fera Science Limited An alternative statistical approach for method development under EU regulation 2021/808	Texas A
10:45 - 11:05 am	Sue Dantonio, Agilent Technologies Inc. QuEChERS Streamlined: Cut a Step, not corners with the Agilent Multisampler	Texas A
11:05 - 11:25 am	Alexis Shelow, Restek Advancing GC-MS Method Development for Low-Level Analysis: Impacts of Column Chemistry and Modeling Approaches	Texas A

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11:25 - 11:45 am	Jacob Jalali, PerkinElmer Cross Matrix Evaluation of a High Throughput Method for 100+ Drugs in Oral Fluid and Hair using QSight LC-MS/MS instrument	Texas A
11:45 - 1:15 pm	Lunch and exhibition	Texas C
12:15 - 1:15 pm	Agilent Vendor Seminar (<i>pre-registration required</i>)	Texas B
1:30 - 2:55 pm	SESSION 4: Analytical innovation for a changing world: AI, new technologies and new challenges in classical and emerging analytes Chairs: Amadeo Rodriguez Fernanda-Alba, Dan Biggerstaff	Texas A
1:30 - 1:35 pm	Waters 5-min intro	Texas A
1:35 - 1:55 pm	Andrew Folkerson, SCIEX Maximizing throughput and robustness for long-term food testing on a new generation triple quadrupole mass spectrometer	Texas A
1:55 - 2:15 pm	Amadeo R. Fernández-Alba, University of Almeria Towards more automated, robust and high-throughput workflows for routine multiresidue pesticide analysis	Texas A
2:15 - 2:35 pm	Justin Smolen, Texas A&M University, Department of Chemistry Automated Microplastic Identification in Biological and Environmental Samples by Applying Machine Learning to Multimodal Fluorescence and μ FTIR Imaging	Texas A
2:35 - 2:55 pm	Limian Zhao, Agilent Technologies Inc. Analysis of Ultra Short Chain and Short Chain PFAS in Fresh Produce and Beverages using Novel Mixed-mode LC Column and EMR Passthrough Matrix Cleanup	Texas A
3:00 - 3:20 pm	Coffee break, exhibition, and posters (authors present for odd# posters)	Texas C
3:20 - 5:00 pm	SESSION 5: The past, present and future of natural toxins analysis Chairs: Julie Brunkhorst, Dimple Shah	Texas A
3:20 - 3:40 pm	Lukas Vaclavik, Eurofins Food Chemistry Testing Development of Standard Method Performance Requirements (SMPR®) for Mycotoxin Analysis in Novel Foods and Ingredients: An Update	Texas A
3:40 - 4:00 pm	Julie Brunkhorst, Trilogy Analytical Laboratory Mycotoxin Testing: Past to Present, Where Have We Been and Where Are We Now	Texas A
4:00 - 4:20 pm	Makda Araya, Waters Corporation Aflatoxin Immunoaffinity Chromatography with Automated Vacuum Manifold	Texas A
4:20 - 4:40 pm	Adam DeWilde, Eurofins Food Chemistry Testing Quantitative Determination of Cereulide Toxin in Infant Formula and Ingredients Using LC–MS/MS.	Texas A
4:40 - 5:00 pm	Stuart Oehrle, Northern Kentucky University, Waters Lab Cyanobacterial toxins in recreational waters using a targeted UPLC/MS/MS	Texas A

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	method and comparison to metagenomics	
5:05 - 5:10 pm	Closing remarks for Day 1 - Kelsey Powers, Holly Lee	Texas A
5:15 - 6:00 pm	Exhibition	Texas C
5:15 - 6:00 pm	NACRW Organizing Committee Meeting <i>open to all attendees</i>	Texas A
<u>Wednesday, July 15, 2026</u>		
7:15 - 8:15 am	UCT Vendor Seminar (pre-registration required)	Texas B
7:45 - 8:15 am	Early Morning Coffee	Texas C
8:30 - 9:50 am	SESSION 6: Nontargeted analysis using high resolution mass spectrometry and other technologies Chair: Wiley Hall	Texas A
8:30 - 8:50 am	Florencia Jesús, University of Almeria Expanding PFAS pesticide monitoring using micro-flow LC-HRMS: a combined targeted and suspect screening approach	Texas A
8:50 - 9:10 am	Jayesh Gandhi, Metrohm USA An Exploration of Sample Prep Techniques for Non-targeted Analysis of PFAS using Combustion Ion Chromatography	Texas A
9:10 - 9:30 am	Yufang Zheng, National Institute of Standards and Technology Expanding EI Mass Spectral Libraries for PFAS: Improved Spectral Quality and New Fragmentation Mechanisms	Texas A
9:30 - 9:50 am	Michael S. Young, Cambridge Polymer Group Analytical Strategies to Identify and Quantify Extractable/Leachable Chemical Residues from Implantable Medical Devices: A Comparison with Food Safety Residue Analysis	Texas A
9:55 - 10:15 am	Coffee break, exhibition, and posters (authors present for all posters)	Texas C
10:20 - 11:30 am	SESSION 7: Development and application of reference and proficiency test materials Chairs: Ryan Malone	Texas A
10:20 - 10:25 am	LGC Standards 5-min intro	Texas A
10:25 - 10:45 am	Daryl Staveness, ExciPlex, Inc. Total synthesis as a new path toward natural abundance and isotopically labeled natural toxin reference standards	Texas A
10:45 - 11:05 am	HuiChen Stavros, O2si Smart Solutions an LGC Standards Company The Evolution in Designing a Master LC/MS Calibration Solution for Pesticides Containing Over 700 Analytes	Texas A
11:05 - 11:25 am	Ryan Malone, Trilogy Analytical Laboratory Toxic Truths: Reference Materials are Non-Negotiable in Mycotoxin Testing	Texas A
11:25 - 1:30 pm	Lunch and exhibition	Texas C

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1:30 - 2:50 pm	SESSION 8: Early Career Scientists in Action: Advancing Contaminant and Residue Analysis Chairs: Margot Lee, Marti Zhong Hua	Texas A
1:30 - 1:50 pm	Marti Z. Hua, Carleton University/National Research Council Canada Introducing PFAS-RAD, a Retrospective Analysis Database for targeted screening of legacy and emerging PFAS in food samples by LC-HRMS	Texas A
1:50 - 2:10 pm	Bikram Subedi, Louisiana State University Wastewater Clues in the Drug “Cat and Mouse”	Texas A
2:10 - 2:30 pm	Adam R. Wronski, Baylor University Towards Precision-based Source Reduction: Development, Validation, and Application of an LC-MS/MS Method for Analysis of Drugs of Abuse and Addiction Interventions in Wastewater	Texas A
2:30 - 2:50 pm	HyeongYoung Choi, Baylor University Seasonal Occurrence and Water Quality Hazards of Per- and Polyfluoroalkyl Substances in Estuarine Systems across a Gradient of Effluent Contributions to Base Flow	Texas A
3:00 - 3:30 pm	Poster Awards and Closing	Texas A
3:30 - 4:30 pm	NACRW 2026 Feedback Session	Texas A