

# 2018 NACRW Program (DRAFT)

as of 5-24-18

## Sunday, July 22, 2018

8:00 am-4:00 pm	<b>Short Course: Mike Filigenzi</b> <i>"Practical Mass Spectrometry in Residue Chemistry: Basic Principles and Applications"</i>	Acacia 1-3
1:00-5:00 pm	Exhibitor Setup	Royal Palm Ballroom
1:00-6:00 pm	Registration	Orchid Foyer
<b>2:00-3:30 pm</b>	<b>Standards Working Group</b> <i>Discussions of standard mixes, availability, and stability</i>	<b>Orchid Ballroom</b>
<b>3:45-4:45 pm</b>	<b>AOAC Veterinary Drugs Subgroup Meeting</b> <i>Discussions on AOAC proposal for a collaborative study on multi-residue/multi-class veterinary drug methods; analytes, action levels and target commodities</i>	<b>Orchid Ballroom</b>
<b>5:00-6:00 pm</b>	<b>AOAC Pesticide Subgroup Meeting</b> <i>Don't miss out on your opportunity to join your colleagues in discussing pesticide methodology, instrumentation, emerging issues, and so much more. The Pesticide Subgroup family welcomes all new and former attendees of NACRW and looks forward to your valuable contributions.</i>	<b>Orchid Ballroom</b>
3:00-6:00 pm	Poster Board Set Up	Royal Palm Ballroom
6:15-7:15 pm	<b>SCIEX Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
7:30-9:30 pm	<b>Welcome Reception</b>	<b>Royal Palm Ballroom</b>

## Monday, July 23, 2018

All Day	Registration	Orchid Foyer
7:00-10:00 am	Poster Board Set Up	Royal Palm Ballroom
7:15-7:45 am	Moderator and Volunteer Training	Orchid Ballroom
7:15-8:15 am	<b>Bruker Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
7:30-8:15 am	Early Morning Coffee	Orchid Foyer
<b>8:30-8:40 am</b>	<b>Opening Remarks</b> Sherry Garris, Chair, FLAG Works, Inc.	<b>Orchid Ballroom</b>
<b>8:40-8:45 am</b>	<b>NACRW Excellence Award Presentation and Keynote Address</b> <b>Introduction and Presentation of NACRW Excellence Award</b> Alex Krynitsky, 2018 NACRW President	
<b>8:45-9:30 am</b>	<b>Presentation by Excellence Award Winner</b> Janusz Pawliszyn, Canada Research Chair, Department of Chemistry, University of Waterloo, Waterloo, Ontario, Canada	
<b>A-1</b>	<b>Matrix Compatible Coatings in SPME: An Enabling Technology Facilitating Full Automation and On-site Residue Determinations of Food Products</b>	

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9:30-10:45 am	<b>SESSION 1:</b> <b>Sample preparation: new and novel techniques and methods</b> <b>Co-Chairs: Steven Moser and Brian Eitzer</b>	<b>Orchid Ballroom</b>
9:30-9:55 am	<b>Sonia Herrera López</b> , NVWA- Netherlands Food and Consumer Product Safety Authority, Wageningen, Netherlands	
<b>O-1</b>	<b>Comprehensive study of different approaches for the determination of 15 highly polar pesticides in food matrices. Influence of matrix type on the identification</b>	
9:55-10:20 am	<b>Michael S Young</b> , Waters Corporation, Milford, MA, USA	
<b>O-2</b>	<b>Improved Extraction and Cleanup Prior to LC-MS/MS Determination of Bound and Unbound Dicamba and Dicamba Metabolite Residues in Agricultural Samples</b>	
10:20-10:45 am	<b>Shabarinath Nambiar</b> , Murdoch University, Perth, WA, Australia	
<b>O-3</b>	<b>Single tube extraction and clean up using solubilized QuEChERS extractants – a miniaturized approach</b>	
10:45-noon	<b>Exhibition and Poster Opening</b>	<b>Royal Palm Ballroom</b>
11:00-noon	<b>Poster Session (authors present for odd #s)</b>	<b>Royal Palm Ballroom</b>
noon-1:00 pm	Cash Lunch (Exhibition Hall)	<b>Royal Palm Ballroom</b>
12:15- 1:15 pm	<b>LECO Corp. Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
<b>1:30-3:10 pm</b>	<b>SESSION 2:</b> <b>Advanced and new instrumentation</b> <b>Co-Chairs: Willis Chow and Jon Wong</b>	<b>Orchid Ballroom</b>
1:30-1:55 pm	<b>Lili He</b> , University of Massachusetts, Amherst, MA, USA	
<b>O-4</b>	<b>Surface Enhanced Raman Spectroscopy for Food Colorant Analysis</b>	
1:55-2:20 pm	<b>Scott White</b> , University of Minnesota, Minneapolis, MN, USA	
<b>O-5</b>	<b>Food Sensing with Printed, Floating-Gate Transistors</b>	
2:20-2:45 pm	<b>Kaveh Jorabchi</b> , Georgetown University, Washington, DC, USA	
<b>O-6</b>	<b>Plasma Assisted Reaction Chemical Ionization: A Sensitive Ion Source for Elemental Detection and Quantification of Residues</b>	
2:45-3:10 pm	<b>Amadeo R. Fernández-Alba</b> , European Union Reference Laboratory for Pesticide Residues in Fruit & Vegetables, University of Almeria, Almería, Spain	
<b>O-7</b>	<b>Pesticides analysis in complex matrices by new GC and LC MS/MS improved platforms</b>	
<b>3:10-3:55 pm</b>	<b>BREAK (Exhibition &amp; Posters)</b>	<b>Royal Palm Ballroom</b>
<b>3:55-5:35 pm</b>	<b>SESSION 3:</b> <b>Natural products and supplements</b> <b>Co-Chairs: Paul Reibach and Ken Kise</b>	<b>Orchid Ballroom</b>
3:55-4:20 pm	<b>Todd Richards</b> , LECO, Saint Joseph, MI, USA	
<b>O-8</b>	<b>Utilizing GCxGC-TOFMS for Quantitation of Cannabis Related Pesticides in Hops QuEChERS Extract</b>	

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4:20-4:45 pm O-9	<b>Wesley Maguire</b> , Pixis Labs/Columbia Food Lab, Portland, OR, USA <b>Comprehensive Determination of Unregulated Pesticides in Cannabis Flower using Tandem Mass Spectrometry</b>	
4:45-5:10 pm O-10	<b>Avinash Dalmia</b> , PerkinElmer, Shelton, CT, USA <b>Analysis of all pesticide residues in cannabis regulated by California and Oregon state using LC/MS/MS with Electrospray and APCI source</b>	
5:10-5:35 pm O-11	<b>Agustin Pierri</b> , Weck Laboratories, Industry, CA, USA <b>Cannabis Sativa pesticides, aflatoxins, and potency by LC/MS/MS: one extraction, one analysis</b>	
6:30 pm →	<b>Mediterranean Social Event - Naples Grande</b>	<b>Sunset Veranda/Vista Ballroom</b>

## Tuesday July 24, 2018

All Day	Registration	
All Day	Exhibition & Posters	Royal Palm Ballroom
7:15-8:15 am	<b>Thermo Fisher Scientific Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
7:30-8:15 am	Early Morning Coffee	Royal Palm Ballroom
9:00-10:45 am	<b>SESSION 4:</b> <b>Veterinary drug residues</b> <b>Co-Chairs: Sherri Turnipseed and Eric Verdon</b>	<b>Orchid Ballroom</b>
9:00-9:25 am O-12	<b>Kevin C. Hsieh</b> , Florida Department of Agriculture and Consumer Services, Tallahassee, FL, USA <b>Accurate Quantitation and Analysis of Nitrofurans and Phenolics in Seafood by UHPLC-MS/MS: Proficiency Testing and State Regulatory Samples</b>	
9:25-9:50 am O-13	<b>Ovokeroye A. Abafe</b> , Agricultural Research Council-OVR, Onderstepoort, South Africa <b>Development and validation of a confirmatory method for the determination of stilbene estrogens in Ostrich serum</b>	
9:50-10:15 am O-14	<b>Anton Kaufmann</b> , Official food control authority of the Canton of Zurich, Zurich, Switzerland <b>Moving from targeted towards non-targeted approaches</b>	
10:15-10:40 am O-15	<b>Thierry Delatour</b> , Nestlé Research Centre, Lausanne, Switzerland <b>Matrix effect-monitored screening of a hundred veterinary drug residues in food by liquid chromatography-triple quadrupole mass spectrometry</b>	
10:45-noon	<b>BREAK (Exhibition &amp; Posters)</b>	<b>Royal Palm Ballroom</b>
11:00-noon	<b>Poster Session B (authors for even #s)</b>	<b>Royal Palm Ballroom</b>
noon-1:00 pm	Cash Lunch (Exhibition Hall)	<b>Royal Palm Ballroom</b>
12:15-1:15 pm	<b>Agilent Technologies Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>

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1:30-3:10 pm	<b>SESSION 5:</b> <b>Natural toxins: fungal and aquatic toxins</b> <b>Co-Chair: Sara Mcgrath and Mike Filigenzi</b>	Orchid Ballroom
1:30-1:55 pm O-16	<b>Sareeta Nerkar</b> , Pickering Laboratories Inc., Mountain View, CA, USA <b>HPLC Method for Quantification of Mycotoxins in Animal Matrices, Food and Feed</b>	
1:55-2:20 pm O-17	<b>Geoffrey Faden</b> , Mac-Mod Analytical, Chadds Ford, PA, USA <b>Fast, highly sensitive analysis of mycotoxins using superficially porous particles</b>	
2:20-2:45 pm O-18	<b>Wendy K. Strangman</b> , University of North Carolina Wilmington, Wilmington, NC, USA <b>What are we missing? Metabolomics, toxin analysis, and new compound discovery from marine and freshwater HAB species</b>	
2:45-3:10 pm O-19	<b>Pearse McCarron</b> , National Research Council Canada, Halifax, NS, Canada <b>Analytical Methods and Reference Materials for Marine Toxins</b>	
3:10-3:55 pm	<b>BREAK (Exhibition &amp; Posters)</b>	Royal Palm Ballroom
3:55-5:00 pm	<b>SESSION 6:</b> <b>Mass Spectrometry Forum</b> <b>Moderators: Brad Barrett and Jack Cochran</b>	Orchid Ballroom
5:05-6:00 pm	<b>NACRW Organizing Committee Meeting</b> <i>open to all attendees</i>	Orchid Ballroom

## Wednesday, July 25, 2018

Until noon	Registration	Orchid Foyer
Until noon	<b>Exhibition &amp; Posters</b>	Royal Palm Ballroom
7:15-8:15 am	<b>Waters Corporation Vendor Seminar</b>	<b>Vista Ballroom, 1st level</b>
7:30-8:15 am	Early Morning Coffee	Royal Palm Ballroom
8:30-10:45 am	<b>SESSION 7:</b> <b>Environmental and human health</b> <b>Co-Chairs: Rob Trengove and Marc Engel</b>	Orchid Ballroom
8:30-8:55 am O-20	<b>Keith Loftin</b> , USGS, Lawrence, KS, USA <b>Cyanobacteria toxins: Analytical Challenges, Interpretation, and Data Gaps</b>	
8:55-9:20 am O-21	<b>Anthony Macherone</b> , Agilent Technologies, Wilmington, DE, USA <b>Integrating GC-TOF exposome profiling and genetic disease screening to provide a holistic perspective on honey bee health</b>	
9:20-9:45 am O-22	<b>Dana Boyd Barr</b> , Emory University, Atlanta, GA, USA <b>Insecticide Exposures and Human Health</b>	
9:45-10:10 am O-23	<b>Danielle Stanek</b> , Florida Department of Health, Tallahassee, FL, USA <b>One Health Approach to Chemical Residues in Our Environment</b>	

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10:10-10:45am	<b>Speakers/Chairs – Roundtable Discussion</b>	
10:45-noon	<b>BREAK (Exhibition &amp; Posters)</b>	<b>Royal Palm Ballroom</b>
12:00-1:00 pm	<b>o2si smart solutions Vendor Seminar</b>	<b>Vista Ballroom, 1<sup>st</sup> level</b>
<b>1:05-2:45 pm</b>	<b>SESSION 8:</b> <b>Novel and emerging contaminants of concern in food and the environment</b> <b>Co-Chairs: Yelena Sapozhnikova and Paul Yang</b>	<b>Orchid Ballroom</b>
1:05-1:30 pm <b>O-24</b>	<b>Katerina Mastovska</b> , Covance Laboratories, Madison, WI, USA <b>Reliable and Cost-Effective Analysis of Bisphenol A and Nonylphenols in Foods and Beverages</b>	
1:30-1:55 pm <b>O-25</b>	<b>Yelena Sapozhnikova</b> , USDA, Wyndmoor, PA, USA <b>Analysis of organophosphate esters in meats and fish</b>	
1:55-2:20 pm <b>O-26</b>	<b>Hui Peng</b> , University of Toronto, Toronto, Canada <b>Untargeted Screening and Prioritization of Halogenated Chemicals in the Environment</b>	
2:20-2:45 pm <b>O-27</b>	<b>Mark W Sumarah</b> , Agriculture and Agri-food Canada, London, Canada <b>Non-targeted Analysis of Emerging Environmental Contaminants by Data Independent Acquisition LC-MS/MS</b>	
<b>2:45-3:15 pm</b>	<b>BREAK</b>	<b>Orchid Foyer</b>
<b>3:15-4:55 pm</b>	<b>SESSION 9:</b> <b>Special topics in food and the environment</b> <b>Co-Chairs: Neely Belai and Sam White</b>	<b>Orchid Ballroom</b>
3:15-3:40 pm <b>O-28</b>	<b>Sitra Abubeker</b> , USDA Agricultural Marketing Service, Washington, DC, USA <b>USDA's Pesticide Data Program-Who Uses the Data</b>	
3:40-4:05 pm <b>O-29</b>	<b>Barbara Kiedrowska</b> , NVWA - Netherlands Food and Consumer Product Safety Authority, Wageningen, The Netherlands <b>Development, validation and implementation of a GC-EI-Orbitrap HRMS method for routine analysis of pesticide residues in fruits and vegetables</b>	
4:05-4:30 pm <b>O-30</b>	<b>Paul Yang</b> , MOECC, Etobicoke, Canada <b>Correlation of estrogenicity in wastewater using effect-directed analyses and liquid chromatography-tandem mass spectrometry</b>	
4:30-4:55 pm <b>O-31</b>	<b>Peter L. Morton</b> , National High Magnetic Field Laboratory/FSU, Tallahassee, FL, USA <b>Contamination of Turmeric with Lead Paint</b>	
<b>4:55-5:10 pm</b>	<b>Poster Awards and Closing</b>	<b>Orchid Ballroom</b>

# 2018 NACRW Program (DRAFT)

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**Thursday, July 26, 2018**

## User Meetings

7:30-9:30 am	<b>SCIEX User Meeting</b>		<b>Orchid 2</b>
	<b>Thermo Fisher Scientific</b>	<b>Orchid 4</b>	
10:30 am-12:30 pm	<b>Agilent Technologies User Meeting</b>		<b>Orchid 3</b>