

29th Annual GOOD LAB PRACTICES CONFERENCE

JULY 31- August 1, 2023

Hilton Richmond Hotel & Spa/Short Pump

- HOSTED BY** The VWEA | VA AWWA Laboratory Practices Committee
- LOCATION** Hilton Richmond Hotel & Spa/Short Pump
12042 West Broad Street, Richmond, Virginia
- ROOMS** Room Block: \$149/night plus tax | Book by: **Friday, June 24th**
Book by calling (804) 364-3600 or online at <https://bit.ly/3BDd7j0>
Block Name: Virginia Water Environment
- REGISTRATION** Register online: <https://www.vwea.org/event/GLPC2023>

Type of Registration	Before July 7, 2023		After July 7, 2023	
	Member	Non-Member	Member	Non-Member
Full Conference, 2-Day	\$250	\$280	\$275	\$300
Single-Day Monday Workshops	\$120	\$140	\$135	\$150
Single-Day Tuesday Educational Sessions	\$130	\$150	\$150	\$170
Exhibitors (Two Attendees)	\$425			
Reception Sponsorship	\$200			

CONTINUING EDUCATION CREDITS

CPE / CEC credits available:

- Workshops (Day 1): Up to 6 credits
- Technical Sessions (Day 2) – up to 4.5

Join us for an evening social on Monday, July 31st in the Exhibit Hall from 4:30 to 6:00 for hors d'oeuvres, drinks, and networking!



Water



Wastewater

This year's conference will include a day of workshops, a full-day of technical presentations, over 20 exhibitors showcasing the latest laboratory equipment and instrumentation; and an exhibitors' reception. The conference is designed to provide the latest information on major issues such as method updates, laboratory accreditation, and new technologies. Attendance is recommended for any environmental professional involved in the analysis of water or wastewater, especially laboratory analysts, laboratory managers, instrumentation and equipment manufacturers, plant operators, regulatory personnel, environmental engineers and environmental compliance managers.

Monday, July 31, 2023

Time Slot	Workshops
8:45 – 11:45	<p>Morning Workshop #1: Back to Basics: Advanced instrumentation Kirk Lokits, Agilent, David Bass, PerkinElmer. This workshop will provide an introduction and refresher for various types of instrumentation with a focus on GC/GC-MS, discrete analyzers, and ICP/ICP-MS. This workshop will focus on correct usage, trouble-shooting, tips, and techniques useful for getting the most out of laboratory equipment.</p> <p>Morning Workshop #2: Back to basics – Microbiology- Shawn Dubois, IDEXX. This workshop will focus on the fundamental principles of microbiology. The workshop will provide an introduction on various certified methods for bacterial testing including quality control and technique.</p> <p>Morning Workshop #3: Back to basics – Instrumentation- Ann Smith, Dan Axelrod, Pete Poczatek, Xylem. Wastewater laboratories utilize many instruments to analyze water quality. Laboratory instruments are essential in wastewater because results can give a snapshot of the condition of the water and results can be used for compliance reporting. This workshop will cover Titration, pH, Turbidity, TSS, TDS and provide an overview of water quality parameters and instruments used to analyze for them.</p>
11:45 - 1:30	LUNCH ON YOUR OWN
1:30 – 4:30	<p>Afternoon Workshop #1: Troubleshooting for Continuous Flow Analyzers.– Joey Redovich, Brendan Hanrahan, Seal. This workshop is designed to be applicable to all types of continuous flow analyzer users. The discussion will focus basics of operation for continuous flow analyzers, the functionality of each component of the instrument, and understanding the importance of the role of each module.</p> <p>Afternoon Workshop #2: QA/QC for Beginners- Ian Sammler, Kim Stubbs, Jacquelyn Austin, Rachel Hook Quality assurance and control are the backbone of any well functioning laboratory. Without good quality control, laboratory results can be meaningless. This four-part workshop focuses on different aspects of a water laboratory. The workshop covers the fundamentals of getting a representative sample and maintaining compliance with regulations. Attendees are instructed on how to design a good Quality System, which is essential to the functionality of the lab. Attendees will also learn about individual chemistry and microbiology parameters and required quality control necessary to validate results. This workshop will focus on the required quality parameters necessary for a functioning lab.</p>
4:30 – 6:00	NETWORKING RECEPTION WITH HORS D'OEUVRES & DRINKS PRE-FUNCTION AREA

Tuesday, July 26, 2022

Tuesday, July 26, 2022			
Time Slot	Morning General Session		
8:30 – 8:40	Welcome, Introductions, Associations Update		<i>Tamera Crouch, HII</i>
8:50 – 9:40	Differences in Select Update Standard Methods MUR 2021		<i>David Smith, Environmental Express</i>
9:40 – 10:00	NETWORKING BREAK WITH REFRESHMENTS EXHIBITOR'S HALL		
10:00 – 10:45	PFAS Analytical Methods and Sampling Techniques		<i>JP Verheul, Enthalpy Analytical</i>
10:45 – 11:30	QCL-Based Spectroscopy for Rapid Identification of Microplastics		<i>Louis Tisinger, PhD, Agilent Technologies</i>
11:30 – 1:00	LUNCH AND NETWORKING ATRIUM		
Time Slot	Drinking Water Sessions	Wastewater Sessions	Management Sessions
1:00 - 1:30	National Drinking Water Advisory Council (NDWAC) Review of Microbial Disinfection Byproducts (MDBP) and Possible Revisions, <i>Mike Hotaling</i>	Real-time Natural Water Monitoring in an Urban Watershed. <i>Michael Daniel, Lynchburg Water Resources</i>	Analysis of Organochlorine and Organophosphorous Pesticides and PCBs Using GC/MS/MS. <i>Megan Pennington- Boggio, HRSD</i>
1:30 – 2:00	Arsenic Speciation Utilizing HPLC- ICP-MS-MS. <i>Catherine Svingos, HRSD</i>	Using Ion Chromatography to Address Indicators of Urban Salinity. <i>Dongmei Alvi, Occoquan Watershed Monitoring Laboratory</i>	Method 1664- Solid Phase Extraction and the Benefits of Automation. <i>Becky Faenza – Environmental Express</i>
2:00 - 2:30	NETWORKING BREAK WITH REFRESHMENTS EXHIBITOR'S HALL		
2:30 - 3:00	Solids Discussion Session- Part 1. <i>Christina Baker, Rachel Hook, Robin Parnell, Kim Stubbs</i>	Occurrence of <i>Legionella pneumophila</i> in Drinking Water Distribution Systems. <i>Timothy Bartrand, PhD, ESPRI</i>	Lessons Learned from Three Years of Wastewater Surveillance. <i>Hannah Thompson & Hila Stephens, HRSD</i>
3:00 – 3:30	Solids Discussion Session- Part 2. <i>Christina Baker, Rachel Hook, Robin Parnell, Kim Stubbs</i>	Collecting Quality Water Samples, <i>Robert Galvin, Kupferle</i>	The Key LIMS Capabilities You Need to Optimize Laboratory Operations and Regulatory Compliance. <i>Ken Ochi, Accelerated Technology Laboratories</i>



Join us for Go with the Flow,
the Lab Practices Workshop at
WaterJAM, on September 11,
2023 in Virginia Beach!