

TRAVEL REQUEST

Name GABRIELA FIELER Today's Date 2.13.19

Job Title DIRECTOR OF WATER QUALITY

Department WATER QUALITY

Destination(s) TAMPA, FLORIDA

Reason for Travel (check one): Training Authority Business

Is this training needed to meet professional licensing requirements? no

Description of training or business, and reasons and benefits of attendance

The conference addresses the critical public health issue of waterborne pathogens & the challenges associated w/ pathogens in drinking H2O. 2 of special interest - topics include - Legionella, Cryptosporidium, fecal indicators, 3 emerging pathogens

Dates of Travel

From: Day (M T W T F S S), Date 2-29-19 To: Day (M T W T F S S), Date 3-30-19

Total number of business days: 2

Estimated Cost Transportation costs can be obtained from Trish Fabozzi in Legal X8456.

Transportation \$ 300.00 Hotel Accommodations \$ 370 Meals \$ 150

TOTAL ESTIMATED COST \$ 1375 **W/ REGISTRATION FEE \$** 495

Balance in the travel budget prior tot his trip \$ 2192 G/L Number 401000
920412

Comments (i.e. spouse traveling, preferences): _____

Approvals:

Department Head Gabriela Fielier Date 2.13.19

Dep. Executive Director Robert L. Lutz Deputy Director Date 2-14-19

Secretary _____ Date _____

Date of Resolution _____ Item No. _____

SYMPOSIUM ON WATERBORNE PATHOGENS

The Annual Symposium on Waterborne Pathogens provides a comprehensive forum to exchange the latest information and research related to the critical public health issue of waterborne pathogens. The Symposium explores a holistic approach for addressing the challenges associated with pathogens in drinking water, wastewater, stormwater, reuse and premise plumbing systems. Join the discussion in Tampa to help contribute to better practices for controlling waterborne pathogens and protecting public health.

PROGRAM

For an agenda, go to awwa.org/waterborne.

All conference events will take place at the Tampa Marriott Westshore.

Monday, April 29

Opening General Session

The Opening General Session sets the stage for the learning and fellowship to come!

MON01 | Wastewater Effluent for Potable Reuse

This session will identify the occurrence, sources, spread and management of pathogens in the wastewater treatment process as they relate to water reuse.



MON02 | Water Quality Following Storm Events

Attendees will learn how to better manage pathogens found in stormwater, while hearing about how a drinking water safety plan can help identify and analyze the risks posed to source water quality from stormwater outfalls.

MON03 | Waterborne Pathogen Modeling of Fecal Indicators

Want to hear about how waterborne pathogens affect the United Nations Sustainable Development Goals? This session will discuss waterborne pathogens within the scope of hygiene and handwashing water quality.

MON04 | Resistance and Inactivation of Microbes and the Associated Risks

The exploration and quantification of the resistance and inactivation of microbes will be addressed with a global perspective on the role wastewater treatment plants play in deactivation of microbes.



Tuesday April 30

TUE01 | CDC Perspective on Emerging Infectious Threats to Drinking Water Systems

Water utilities and building water systems continue to face challenges in the control of water-associated pathogens. This session includes presentations from the CDC on the current trends and issues with these organisms. Focus will be given to *Legionella* and other organisms that cause outbreaks in healthcare and community settings, antimicrobial-resistant pathogens, and new approaches to environmental sampling.

TUE02 | Source Tracking, Monitoring, and Inactivation of *Cryptosporidium*

Cryptosporidium is a well-known waterborne pathogen, attendees to this session will discover a new source of *Cryptosporidium*. In addition to discovering results of a case study on annual patterns and changes in frequency and quantity of *Cryptosporidium* in water treatment systems, attendees will also hear a case study on an innovative approach to inactivation of the pathogen.

Become a sponsor and join the discussion in Tampa, Florida to help contribute to

TUE03 | Outbreaks and Innovative Monitoring for *Legionella*

Legionella, the most commonly identified drinking water pathogen, can be monitored to prevent outbreaks. This session will address 13 years of reported outbreaks of *Legionella* and an analysis of commonalities in these events, while presenting case studies for two different methods of monitoring and responding to *Legionella* in drinking water systems.



TUE04 | Pathogens in Premise Plumbing

Building water quality has become a matter of increasing concern. As healthcare facilities begin conducting and implementing water management programs, the effectiveness of these programs and the effect pipe material and water usage patterns have on pathogen colonization has become a matter of concern.

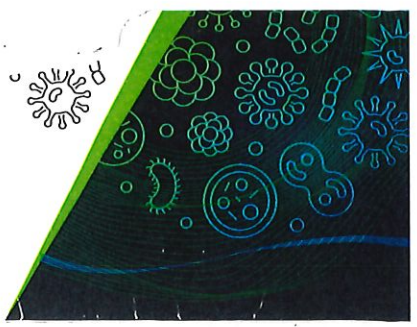
Closing Plenary Session

The Symposium will culminate with the Closing Plenary Session, in which the presenters will discuss key themes, revisit highlights, and share final observations.

Continuing Education Credits (CEs) and Professional Development Hours (PDHs)
AWWA awards attendees Continuing Education Units (CEUs) for technical sessions. For additional information regarding AWWA CEUs and PDHs, visit awwa.org/credits

INTERNATIONAL SYMPOSIUM ON WATERBORNE PATHOGENS

April 29-30, 2019 | Tampa, Florida
awwa.org/waterborne



American Water Works Association

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awwa.org

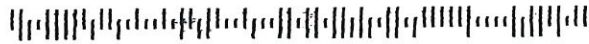
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Register early and save \$200 off member pricing!

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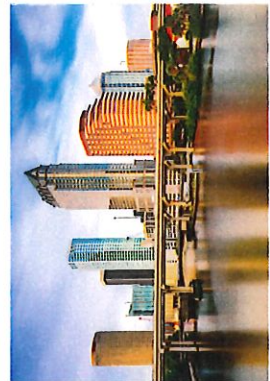
- ◆ Water suppliers
- ◆ Lab personnel
- ◆ Public health officials
- ◆ Engineers
- ◆ Water quality managers/specialists
- ◆ Scientists
- ◆ Academics & students
- ◆ Consultants
- ◆ Regulators
- ◆ Local/state/federal government
- ◆ Product representatives (specifically surrounding building water quality)
- ◆ Plumbing industry professionals

Registration & Hotel

Full-Conference Member \$495
 Full-Conference Nonmember \$695

Register by **April 5, 2019**, to save \$200 on member pricing! All events will take place at the Tampa Marriott Westshore.

AWWA has reserved a room block at a rate of \$149/night + taxes. The Tampa Marriott Westshore is less than 4 miles from the airport and only a half mile from the Westshore Plaza Mall which is home to lots of restaurants and shopping, making it easy to get out and enjoy the Sunshine State.



awwa.org/waterborne