

Water Quality and Public Health



Wednesday, June 20, 2018



Clean Waters Initiative

Agenda

- 2:00 p.m.** **Welcome**
Brian Sims, *Houston-Galveston Area Council*
- 2:05 p.m.** **Swimming-Related Health Risks
and Recreational Water Quality Criteria**
Kate Lavelle, *Texas Commission on Environmental Quality*
- 2:25 p.m.** **Waterborne Diseases and Public Health Implications**
Elya Franciscus, MPH, *Harris County Public Health*
- 2:45 p.m.** **Public Health Protection Programs
in the City of Houston – Water Quality**
Lisa Montemayor, *City of Houston Health Department*
- 3:05 p.m.** **Public Health Protection Programs
in the City of Houston – Water Quality**
LaNiece Blue, *City of Houston Health Department*
- 3:25 p.m.** **Fight the Bite – Applying Remote Sensing Technologies
to Detect Mosquito Breeding Habitats**
Sarah M Gunter, PhD, MPH, *National School of Tropical Medicine*
- 4:05 p.m.** **Closing**
Brian Sims, *H-GAC*

CWI Workshops

H-GAC's Clean Waters Initiative (CWI) program offers workshops that help local governments, landowners and citizens develop effective strategies to reduce pollution in area waterways.

To RSVP or to join our mailing list, e-mail Brian Sims at brian.sims@h-gac.com or visit www.h-gac.com/cwi.

Speakers

Kate Lavelle



Kate Lavelle is the Bacteria Coordinator for the Water Quality Standards Group at the Texas Commission on Environmental Quality. Kate develops, reviews, and implements recreational water quality

criteria for surface waters of the state. She has analyzed large bacteria datasets from the Texas coast for standards review, develops site-specific standards on streams throughout the state, and is managing a project on the use of a rapid indicator method for coastal recreation waters. She has a Master's Degree in Marine Biology from Texas A&M University – Corpus Christi and a Bachelor's Degree from Stony Brook University.

Elya Franciscus, MPH



Elya Franciscus is an epidemiologist at Harris County Public Health. She joined HCPH in 2016. Prior to her work at HCPH, Elya was an HIV tester, counselor, and educator in South Florida. Elya has a Bachelor's Degree in Biology and a

Graduate Degree in Public Health from the University of Miami. Her main role as an epidemiologist is to conduct infectious disease investigations, epidemiological surveillance, and educate the public on control and prevention measures.

Lisa Montemayor



Lisa Montemayor is an Environmental Investigator with Bureau of Pollution Control and Prevention in the City of Houston Health Department. She has 13 years of experience in surface water monitoring,

illicit discharge detection and elimination, fish kill and spill response, and citizen complaint investigations. Lisa serves as the quality assurance officer and field supervisor for the City of Houston's ambient water monitoring program. She has a Bachelor's Degree from the University of Houston.

LaNiece Blue



LaNiece Blue has worked for the Houston Health Department for 17 years as an Environmental Investigator. She is the Field Operation supervisor for the Fats, Oil, and Grease (FOG) program in the Bureau of Consumer

Health. She has a Bachelor of Science degree in Health Science from Alcorn State University. In 2012, she received recognition from the Houston Police Department for her case involvement that included the discovery of 400,000 gallons of waste illegally disposed of at 14 different locations in Harris County. An inter-agency task force included city, county, state, and federal agencies which were awarded the Chief of Police Commendation.

Speakers

Sarah M Gunter, PhD, MPH



Dr. Sarah Gunter is a postdoctoral associate at Baylor College of Medicine in the National School of Tropical Medicine. She received a Bachelor of Science in Biomedical Science from Texas A&M University and a Master's in Public Health from Texas A&M Health Science Center. She then went on to receive a PhD in epidemiology from The University of Texas Health Science Center School of Public Health. Her current research focuses on vector-borne and zoonotic disease epidemiology in the southern United States.

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