

# Pumping Data into the Digital Heart:

## How Laboratories can Gain Efficiencies in their LIMS

Preconference Workshop

APHL 2019

June 3, 2019 • 8:00–11:30 am CT

St. Louis Union Station Hotel

St. Louis, MO

# APHL™ 2019

Where Laboratory Science and Public Health Meet



### DESCRIPTION

Many public health laboratories are facing the need to customize, configure or upgrade current Laboratory Information Management Systems (LIMS). This process requires laboratories to evaluate current business and technological needs in order to establish LIMS guidance, requirements and standards that will support their organizational mission. Through facilitated discussion and presentations using real life examples, session participants will consider how laboratory informatics needs have evolved, and best practices to counter those problems as they arise in the LIMS.

### OBJECTIVES

At the end of the workshop, the participant will be able to:

- Describe the laboratory scientist role when adopting a LIMS in the laboratory
- Explain how to incorporate a flexible and relevant LIMS into a laboratory workflow and understand its benefits
- Identify lessons learned and best practices to help ensure a more successful LIMS project

### AUDIENCE

This workshop is intended for non-technical laboratory scientists.

### MODERATOR

**Vanessa Holley, MPH** • Manager, Informatics Policy and Member Outreach, Association of Public Health Laboratories

### SPEAKERS

**Keith Higginbotham, BS** • Alabama Department of Public Health

**Bernadette Matthis, MSBA, MT (ASCP)** • Philadelphia Department of Public Health

**Shondra Johnson, PMP** • Missouri State Public Health Laboratory

**Michelle Meigs, BS** • Deputy Director, Informatics, Association of Public Health Laboratories

**Dari Shirazi, BA** • Manager, Health Information Technology, Association of Public Health Laboratories

### REGISTRATION

Registration fee: \$125 per person

Register at [www.aphl.org/AM](http://www.aphl.org/AM)

**AGENDA, COMPETENCIES AND CONTINUING EDUCATION ►**

## PROPOSED AGENDA

- Current LIMS landscape
- Laboratory Scientist role in LIMS
- Solutions to making your LIMS project a success
- Streamlining lab workflows from receipt to reporting
- Interfacing between LIMS and instruments
- Creating reports for public health stakeholders
- Proper documentation and quality practices for LIMS configurations and updates
- LIMS training programs for laboratory scientists and managers

## COMPETENCIES ACHIEVED

Completion of this workshop will result in learning gained by the participant in the Informatics domain, Beginner and Competent levels:

- INF 8.0.1. Laboratory Data Collection: Beginner – Explains data elements and formats necessary for data collection and exchange; Competent - Identifies analytical data and results and the exchange of this information using predefined modules
- INF 18.02. Electronic Communication: Beginner - Describes communication tools for electronic information; Competent - Determines content for electronic information communication tools
- INF 18.03. Enterprise-wide LIMS availability: Beginner - Describes LIMS management processes; Competent - Verifies LIMS processes for data collection, data processing and reporting for laboratory business needs

[MMWR Competency Guidelines for Public Health Laboratory Professionals](#)

## CONTINUING EDUCATION CREDIT

The Association of Public Health Laboratories (APHL) is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E.® Program. Participants who successfully complete each program will be awarded 3.0 contact hours. P.A.C.E.® is accepted by all licensure states except Florida. APHL is a Florida approved CE provider; each course has been approved for 3.0 contact hours for Florida Laboratory Licensees.

