

Laboratory Data Innovation Workshop

,November 1, 2023, 9:00 am—12:30 pm, Hadedu Banquet Hall

HELINA, CAPE TOWN, SOUTH AFRICA

BACKGROUND

In the last 3 years more than ever before, the world has come to rely on laboratory data and, as a result, the demand for timely and quality laboratory data has grown. Traditionally, the health informatics space has focused on Electronic Medical Record (EMR) or Electronic Health Record (EHR) systems and surveillance tools for clinical and public health priorities. However it is important to recognize the importance of laboratory data. Both systems rely on laboratory testing to determine a course of treatment for an individual patient or develop strategies for public health intervention.

APHL's goal is to help bridge gaps driven by silo systems and lack of standards preventing sharing of data, utilization of data in public health, and impacting decision-making. APHL is partnering with CDC on the Global Public Health Data Innovation program (GPHDI), which aims to support 10 countries with data modernization efforts. APHL's approach involves using tried and trusted methods of to support Electronic Laboratory Reporting like use of technical assistance teams, the AIMS platform, and the standardization of data exchange terminology. This will help to expand data modernization efforts and implement targeted approaches within each country.

LEARNING OBJECTIVES

Through this half day workshop participants will learn:

- What is data modernization, why is it needed
- Aspects of data modernization/ innovation for labs
- Understanding data flow into, within and out of a laboratory and aspects that need modernization
- Reviewing the two way flow of data required for the ecosystem of EMR/EHR/Lab to be successful
- Concepts that will be covered include
 - Laboratory standards
 - Laboratory data exchange and interoperability
 - Data centralization
- Review of available tools

The Association of Public Health Laboratories (APHL) sponsors educational programs on critical issues in laboratory science.

PRESENTERS

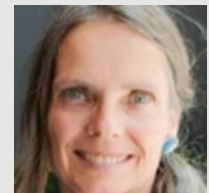
Rufus Nyaga, Deputy Country Director
Informatics Lead, APHL Kenya.

Rufus leads APHL's informatics project in Kenya; He joined APHL in 2013 and over the years he has worked with the Ministry of health to identify information management needs and design solutions to address such needs



Ulrike (Riki) Merrick, Lead Specialist,
Informatics Terminology, APHL

Riki leads APHL's work to standardize laboratory and other health data elements to facilitate interoperability and data sharing to enable effective public health interventions



Reshma Kakkar , Informatics Manager,
Global Health, APHL

Reshma leads the Global Health team's informatics initiatives and provides strategic direction to implementation of sustainable laboratory informatics solutions.



We look forward to seeing you at the workshop.
For more information please contact
Reshma Kakkar on whatsapp at +14042742961

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