Laboratory Leadership Training Programs

Samantha Dittrich, MPH
Manager, Global Health Security
The Association of Public Health Laboratories (APHL)
Overarching Purpose

Invest in current and future laboratory managers to lead national laboratories and networks to meet the needs of national health systems
Lab Leadership Workforce Challenges

• Medical laboratory science education lacks adequate management and in-service bench training
• Uncertain career path
• Laboratory directors have limited input to national financial planning of health funding
An Example Program: Global Laboratory Leadership

• Global Laboratory Leadership Program (GLLP) is designed to provide essential knowledge and skills to current and future laboratory managers.

• Developed by the U.S. CDC, APHL and WHO.

• Goal: Increase number of laboratory managers with advanced training and knowledge.
GLLP and Africa CDC

- Aligned with the Laboratory Systems and Networks pillar of Africa CDC
- Provide laboratory management professionals with the scope of knowledge, skills and abilities necessary to influence national policy and manage and lead national laboratory systems
- Tailored to a country’s or region’s specific needs
- Coordination with FETP
GLLP Components

• Two-year program competency based curriculum
• Didactic sessions and laboratory placement
• Mentorship and training through weekly programs
• Degree or comparable recognition
Curriculum Core Competencies

- Laboratory Systems and infrastructure
- Leadership
- Laboratory-based disease surveillance and outbreak investigation and response
- Laboratory Quality Systems
- Management
- Communication
Manager Essential & Critical Qualities

**STRATEGIC PLAN**
Can lead

**INFORMATION TECHNOLOGY**
Can evaluate

**WORKFORCE**
Can lead, motivate and develop

**TRADITIONAL AND MOLECULAR DIAGNOSTICS**
Can do, interpret and assure

**FINANCIAL ACCOUNTABILITY**
Can acquire adequate funds and manage

Expected Outcomes

• Knowledge and skills necessary to design, develop and sustain strengthened laboratory systems

• Leadership and management skills required to guide a successful laboratory system through a dynamic environment