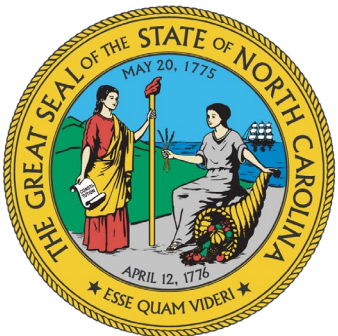


Bolstering Collaboration Between Laboratories

CDC OneLab Virtual Summit 2022



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

Division of Public Health
State Laboratory of Public Health

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Disclaimer

- The views expressed in this presentation are of the presenter and does not necessarily reflect the views of the North Carolina State Laboratory of Public Health or the Department of Health.

Objectives

- Discuss drivers of collaboration between laboratories around education and training
- Describe existing laboratory collaborations focused around education and training
- Describe potential opportunities for laboratory collaboration focusing on education and training

Drivers of collaboration

- Loss of expertise and experience workforce
 - This is due to mass retirement of staff with institutional knowledge
 - This is typically staff with years of experience
 - Broad experiences which include:
 - Supervisory, technical, and operational troubleshooting
 - This includes key specialized personnel
 - Parasitologists, Mycologists, AST
 - Succession planning is not always existent nor timely
 - As a result, institutional knowledge leaves before it can be captured as well as passed onto new staff

Drivers of Collaboration Contd.

- Strengthen laboratory network within in a state
 - This is a strategy to improve the public health system
- Ensures that staff in local health department laboratories have the necessary technical and regulatory knowledge, training, and resources
- Ensure that all sentinel laboratories have trained personnel and resources
 - Biosafety
 - Bioterrorism Preparedness

Drivers of Collaboration Contd.

- Supporting education & training programs
 - Support can be serving as fellowship rotations sites
 - Examples include:
 - ASM CPEP Fellowship
 - CDC Laboratory Leadership Service (LLS) Fellowship
 - Broader workforce development initiatives
- A desire to expose staff or bring onboard a new method
 - Opportunity to learn from others already performing the method
 - Learn workflow and implementation strategies and best practices
 - Provide staff with opportunities for technical growth

Dedicated Unit for Collaborations

- Public Health Labs (PHLs)
 - Have a dedicated unit that focuses on training and education
 - (i.e Laboratory Improvement)
- What does this unit provide?
 - Provides consultation and leadership to laboratories
 - Develop and offer continuing education opportunities and resources
 - Host and lead technical workshops on a variety of topics (i.e microscopy)
 - Provide support for compliance with CLIA federal regulations and established standards
 - Serve as coordinating unit for all rotations at the lab

Existing Collaborations

- NC SLPH
 - Hospital labs, physician office labs, reference labs, health dept labs
 - Package and Shipping Regulations Training
 - Biosafety training
 - Bioterrorism preparedness
 - COVID-19 Testing Surge Workgroup
- UNC Clinical Microbiology
 - Rotation site for UNC Clinical Microbiology Fellows
 - This collaboration supports UNC's ABMM Accredited CPEP Program
- CDC
 - Rotation site for Laboratory Leadership Fellows (LLS)
 - This collaboration supports CDC's LLS program

Potential Collaborations at NCSLPH

- Workforce Development
 - Rotational training for PHL staff at clinical laboratories as well as commercial labs
 - Focusing on management positions (Supervisors and Managers)
 - Provide early career management staff with exposure to clinical laboratory management
 - Opportunities to learn about integration of total lab automation, operations (i.e. training, quality, budget, inventory)
 - Rotational training for clinical lab staff
 - Opportunities to learn and train on advanced molecular detection methods
 - In particular, next generation sequencing methods used at PHLs
 - Rotational training for Public Health Lab Fellows & Interns
 - Would provide opportunity for exposure to work taking place within clinical laboratories
 - Supports workforce development

Thank You

CDC OneLab Summit Team

- Johanzynn Gatewood, MPH
- Triona Henderson-Samuel MD, MPH

Thanks!

