Global Laboratory Leadership Programme

Future Africa - 1Hope Webinar Series 2

2 December 2020 Barbara M. Martin



Strong leaders for health security



Background



Workforce Challenges

Health workforce challenges

 Lack of specialized training of health professionals in the areas of leadership and management¹

Laboratory leadership workforce challenges

- Laboratory science education lacks adequate management training
- Uncertain career path
- Laboratory directors have limited input to national financial planning of health funding

¹Howard K. Koh, Marsha Jacobson; Fostering public health leadership, Journal of Public Health, Volume 31, Issue 2, 1 June 2009, Pages 199-201, <u>https://doi.org/10.1093/pubmed/fdp032</u>



The GLLP Partners

A multisectoral collaboration of six leading organizations targeting human and animal health laboratories, as well as laboratories with public health impact (e.g. environmental, agricultural, food, aquatic or chemical laboratories).

GLLP Founding Partners

- Association of Public Health Laboratories (APHL)
- Centers for Disease Control and Prevention (CDC)
- European Centre for Disease Prevention and Control (ECDC)
- Food and Agriculture Organization of the United Nations (FAO)
- World Organisation for Animal Health (OIE)
- World Health Organization (WHO)



Goal of the GLLP

Foster and mentor current and emerging laboratory leaders to build, strengthen and sustain national laboratory systems.



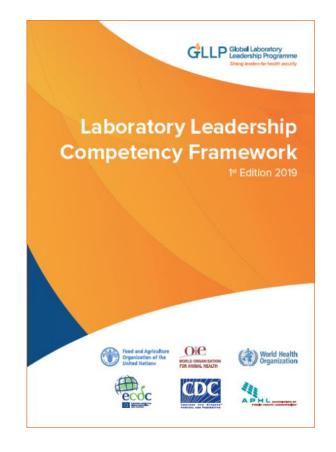
Laboratory Leadership Competency Framework



Laboratory Leadership Competency Framework

Purpose: to outline the essential competencies needed by laboratory leaders to build and direct sustainable national laboratory systems for disease detection, control and prevention in health systems

- Multisectoral, One Health approach
- Addresses entire national health laboratory system
- Available in English, French, Russian, and Spanish





Competencies

- 1.Laboratory system
- 2.Leadership
- 3.Management
- 4.Communication
- 5. Quality management system
- 6. Biosafety and biosecurity
- 7. Disease surveillance and outbreak investigation
- 8. Emergency preparedness, response and recovery
- 9.Research





The GLLP Programme and Implementation



Learning Package Overview

The programme, available for virtual or in-person implementation, is flexible in length, format, and content and may be adapted to meet country-specific workforce needs. The GLLP Learning Package provides the materials necessary to implement programmes in any country or educational institution in the world and includes:

- GLLP Planning and Implementation Guide
 - Course monitoring and evaluation
- GLLP Mentorship Guide
- Virtual and in-person course materials
 - PowerPoint presentations
 - Instructor and participant guides
 - Additional resources (readings or prework online)
- The GLLP Learning Package will be available on the <u>WHO Health Security Learning Platform</u>.



Training content

- Interactive didactic sessions
- Practical, mentored laboratory experience and small projects between sessions support learning



Mentorship

Mentorship at regular intervals throughout the programme duration to support learning and professional development

• In-person or through a relationship such as a twinning



Projects: support learning and national needs

- Small projects (complete during first 18 months of programme)
- Capstone project (complete during last 6 months of programme)

Community building

- Community building activities within and between cohorts and over time, between cohorts from other areas (regional)
- Network building and creation of a community of practice



Implementation

- Face-to-face, virtual, or blended learning
 - A combination of methods based on adult learning principles:
 - Using your own experiences and knowledge to learn more
 - Highly interactive: plenary exercises, group work, individual exercises
 - Different types of exercises: brainstorm, test, quiz, role-play, discussions
 - Learning from others
- Activity-based learning
 - Between face-to-face sessions, complete on-the-job projects supported by mentors as needed

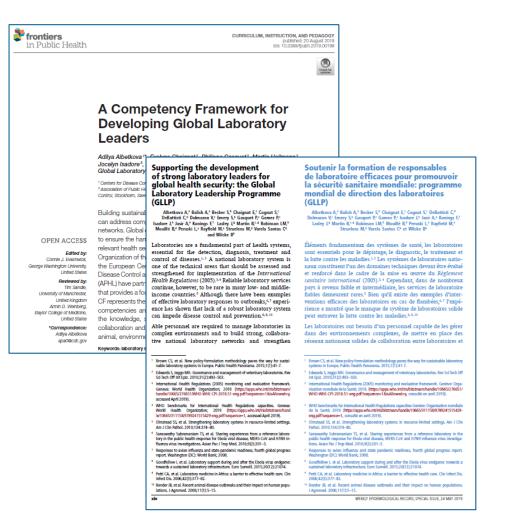


Recent and Ongoing Activities



Recent & ongoing activities

- Laboratory Leadership Competency Framework - available in English, French, Russian and Spanish
- GLLP Learning Package alpha version completed, in-country validations and pilot projects ongoing (43 modules, >1700 pages)
- Communication tools promoting GLLP, Competency Framework and international collaboration





Recent & ongoing activities In-Country Validation

- Pakistan
 - 3 Phase approach between 2019 and 2021
 - Mix of in-person and virtual instruction
 - Participants: 8 laboratory professionals from human and animal health sectors.
- Liberia
 - Implementation between 2019 and 2021
 - Participants: 8 laboratory professionals from human and animal health sectors
- Africa: one-week course with Fondation Mérieux



Thank You!



