

Certificate Program in Clinical and Public Health Laboratory Leadership and Management

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PROGRAM OVERVIEW

I-TECH's Certificate Program in Clinical and Public Health Laboratory Leadership and Management is designed for mid-career laboratory supervisors, managers, and directors. Its purpose is to teach leadership and management skills to laboratory staff in supervisory positions, with the goal of enabling participants to make substantive and impactful improvements in laboratory testing quality and operations. It employs a blended learning approach utilizing both in-country and online training.



COURSEWORK

1. Laboratory Systems and Quality Management- in person
2. Laboratory Leadership and Management- Global Classroom
3. Law and Regulation of Laboratory Practice- Global Classroom
4. Implementation of Diagnostic Technology- Global Classroom
5. Analysis and Communication of Laboratory Information- Global Classroom

THE CAPSTONE PROJECT

An individualized opportunity for participants to:

- Identify areas in laboratory's operations that need improvement.
- Apply leadership, management, analytical, and communication skills.
- Implement principles of continuous quality improvement in their laboratory.
- Focus on an area of interest in laboratory operations.



THE LEARNING MANAGEMENT SYSTEM (CANVAS)

- Web-based system used for the delivery, monitoring and evaluation of online curriculum.
- Contains all program content: video vignettes, pre-recorded lectures, assignments, and links to online resources- organized into modules for easy navigation and tracking by faculty.
- Communication capabilities: discussion boards for group collaboration, individual messaging, notifications and announcements.
- Unit, course and program evaluation surveys.



YEAR 1 PILOT: MIDDLE EAST AND NORTH AFRICA JANUARY 5- SEPTEMBER 25, 2014



LOCAL MENTORS

- Help sustain a supportive learning environment for the participants throughout the program.
- Support participants throughout the Capstone project, provide coaching, problem solving, and motivation.
- Monitor, review, and provide feedback on participants' Capstone projects.

FACULTY

University of Washington, Centers for Disease Control and Prevention, Sandia National Laboratories, Association of Public Health Laboratories, World Health Organization, Program Office for Quality Laboratory Management (University of British Columbia), PATH, George Washington University.



I-TECH, based at the University of Washington and the University of California, San Francisco is a global network that works with local partners to support the development of a skilled health workforce and well organized national health delivery systems. To learn more about I-TECH and this certificate program visit www.go2itech.org and <http://edgh.uw.edu/course/certificate-public-health-laboratory-leadership-and-management>.