

Building Clinical Laboratory Leaders through a Global Online Professional Certificate Program

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BACKGROUND

In collaboration with the University of Washington's Department of Global Health E-Learning Program (eDGH) and Department of Laboratory Medicine and Pathology (DLPM), the Certificate Program in Clinical Laboratory Leadership & Management (CPCLLM) comprises **three 10-week asynchronous online courses** aimed to develop leadership abilities, enhance operational management skills, and improve quality control practices for professionals working in the clinical diagnostic laboratory.

METHODS

 **56** laboratory experts around the globe
Weekly assignments | self-assessments
Weekly quizzes and discussion forums



Participants are charged fees based on their country's income status:

- \$500 per course (\$1,200 full program) for high income countries
- \$200 per course (\$500 full program) for low- and middle-income countries

// “Because of this series, I am better equipped to manage my department and improve on making decisions for the introduction of new methodologies.”
– LMIC Participant

FINDINGS

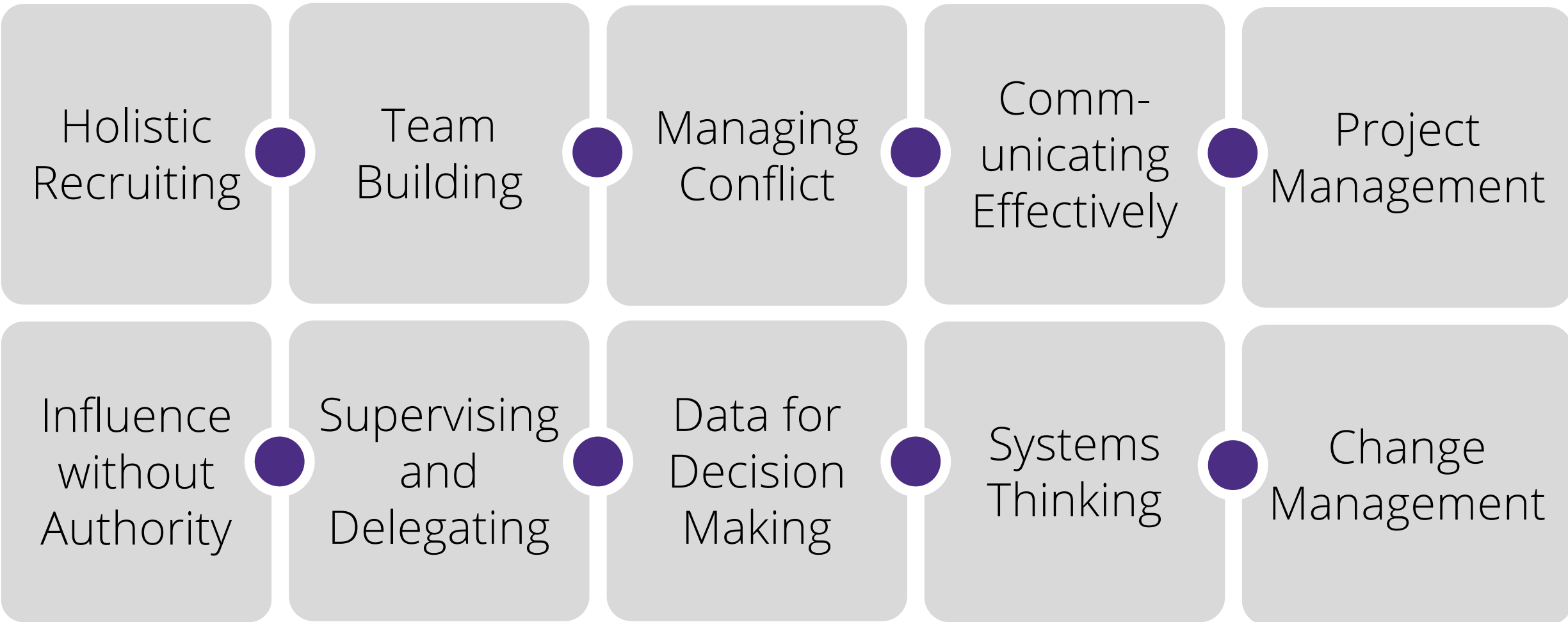
Course 1: Leadership & Management	Course 2: Operational Quality Management	Course 3: Quality Control Methods
113 active participants 92% individual pass rate 98% rated course overall good or very good	121 active participants 94% individual pass rate 98% rated course overall good or very good	127 active participants 91% individual pass rate 98% rated course overall good or very good

77% program pass rate (3 courses)

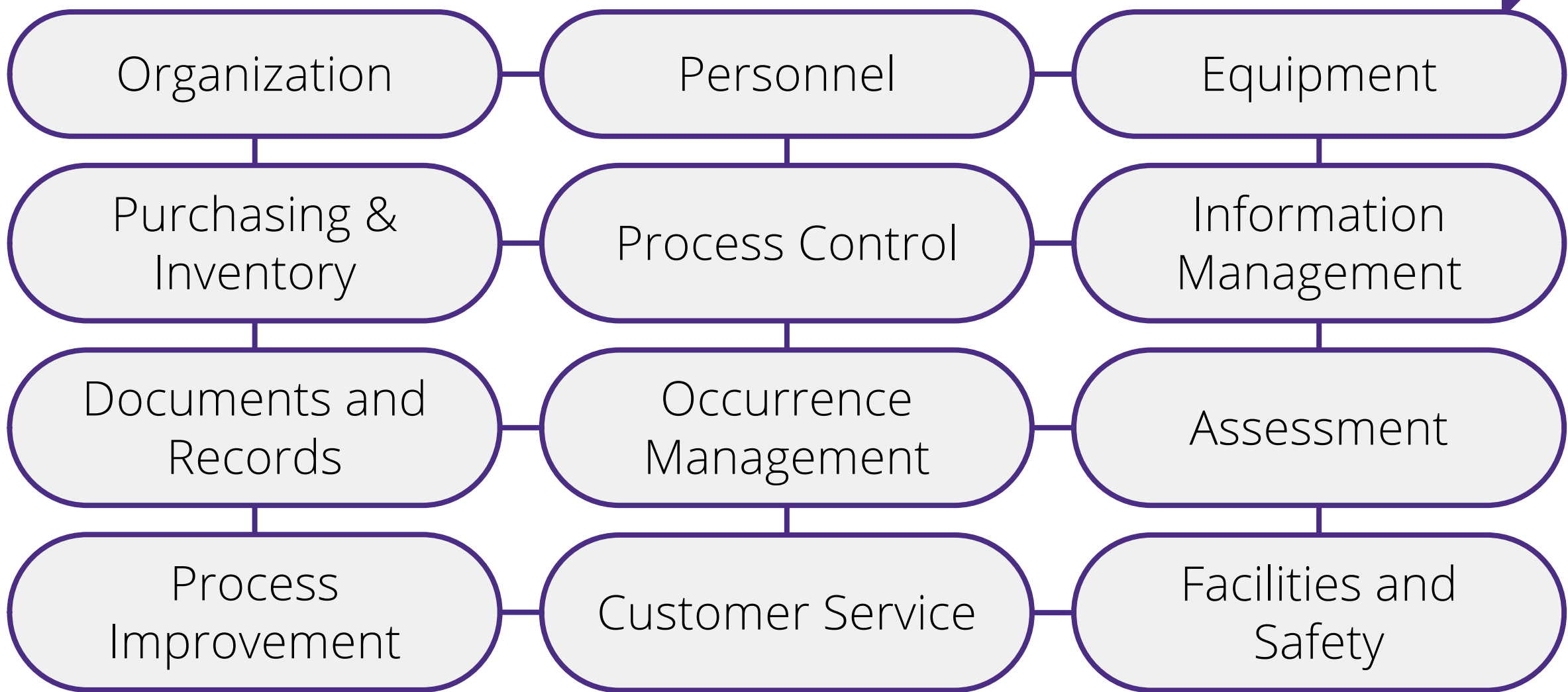
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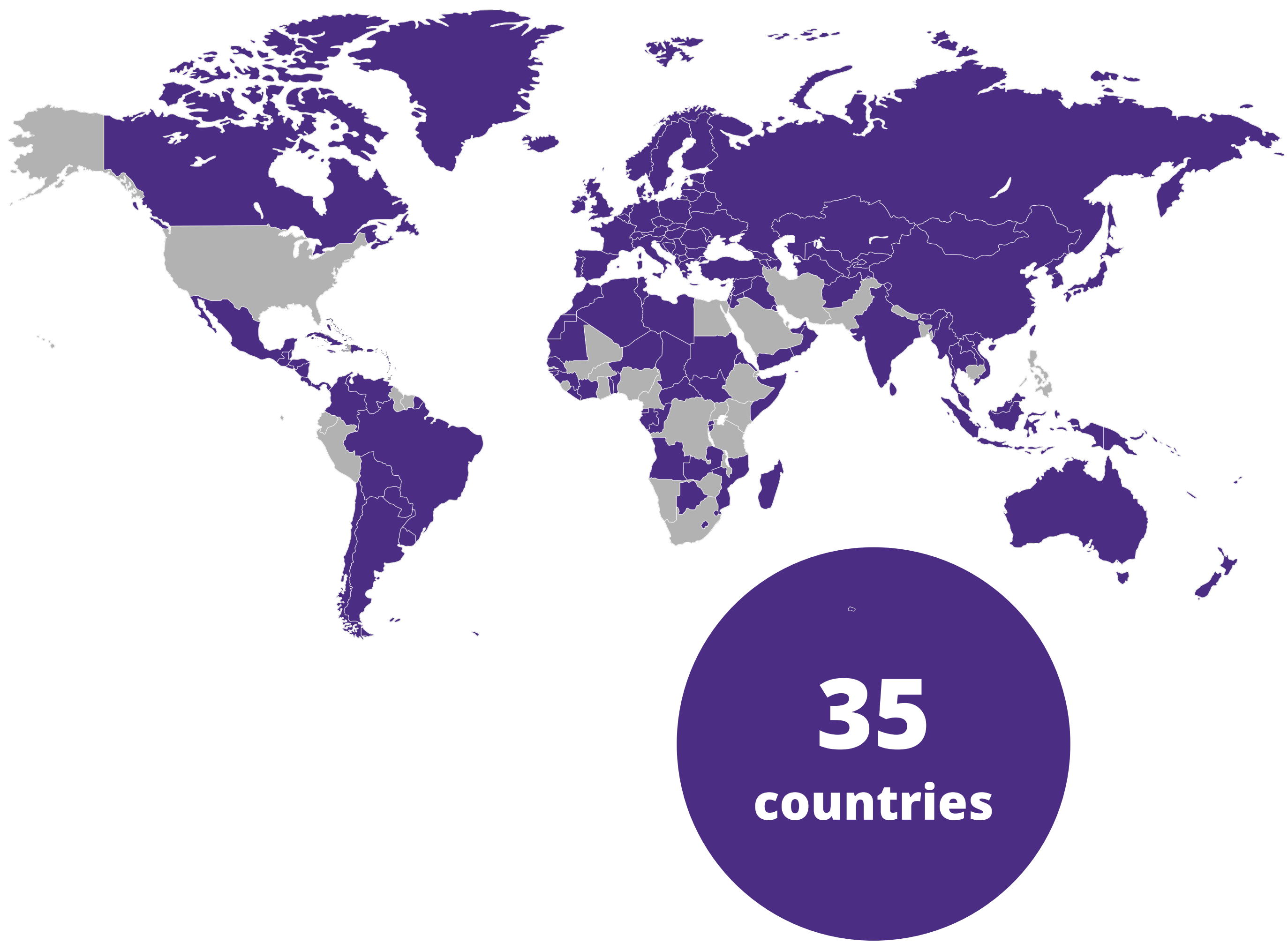
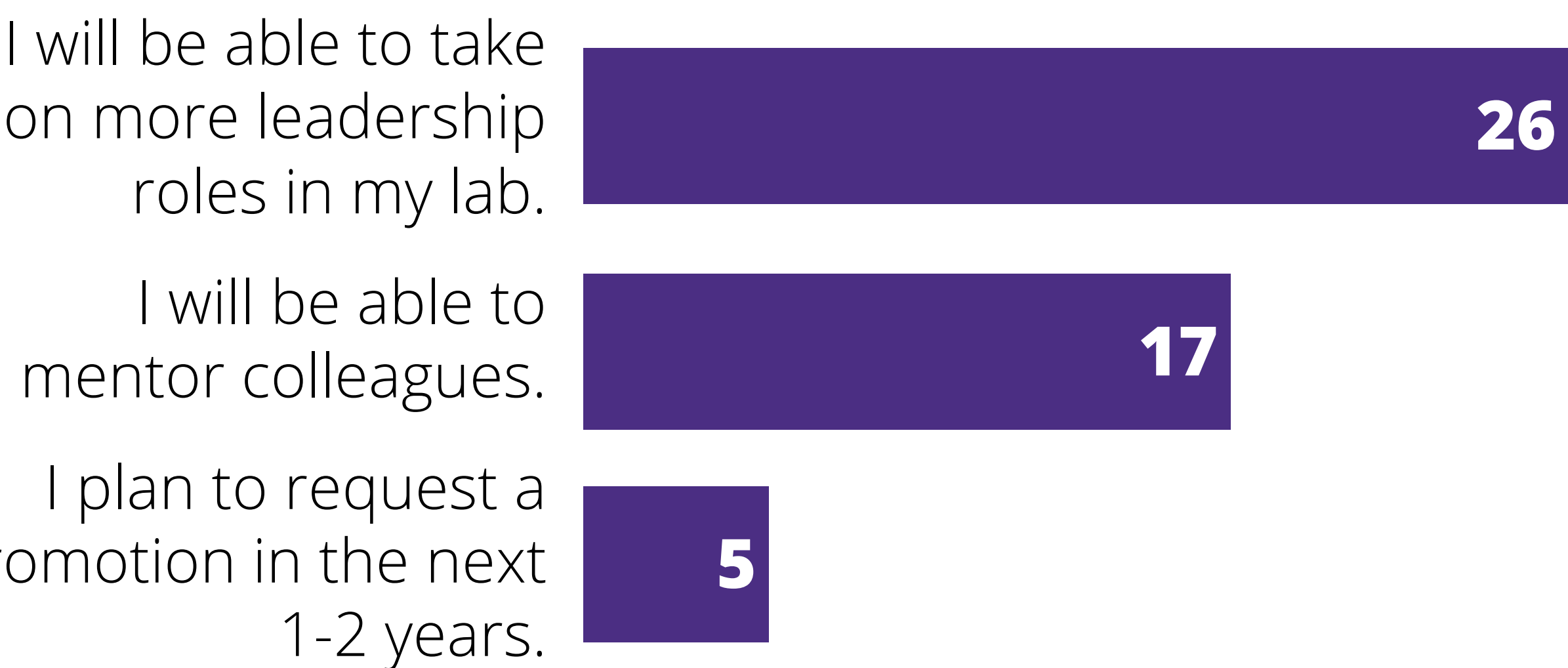
Leadership and Management Essentials



Laboratory Quality System Essentials



Ways the program will help participants advance professionally (60 responses)



23% high income countries (HIC)
77% low- and middle-income countries (LMIC)

// “I like having this course online—you get what you put into it. I also like the ability to have leaders across the world lecture, which is wonderful!”
— OECD Participant

INTERPRETATION

The inaugural launch of CPCLLM was successful. Future program goals include increasing HIC enrollment, developing new courses, exploring site-based models to reduce costs for LMIC participants, and customizing content to address distinct needs of LMIC and HIC laboratory professionals.

// “The networking opportunities...are invaluable. Connecting with peers and experts...opens doors to potential collaborations that could result in innovative solutions and shared resources beneficial to both the laboratory and the broader healthcare system.”
— LMIC Participant

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