



# Antimicrobial

susceptibility testing and interpretation

Starts January 2024



THE UNIVERSITY OF BRITISH COLUMBIA



A continuing education opportunity by the Program Office for Laboratory Quality Management

Department of Pathology and Laboratory Medicine

**Registration starts September 18, 2023**

**Course starts January 15, 2024**

## TOPICS COVERED

- Appropriate selection and collection of microbiology specimens
- Isolation and accurate identification of clinically relevant bacterial pathogens
- Classification of antimicrobials; general mechanisms of action and resistance
- Antimicrobial susceptibility methods
- Understanding breakpoints, interpretive categories, and international standards & guidelines
- Internal quality control and quality assurance for AST; cumulative antibiograms
- Detection of intrinsic resistance, mechanisms of resistance and appropriate reporting.
- Reporting of antimicrobial susceptibility testing results.
- Clinical applications of antimicrobial susceptibility testing
- Global surveillance systems (GLASS) and networks (One Health)
- Antifungals susceptibility testing



**COURSE FEE: CAD 1250 (First year)**

## COURSE FORMAT

- Asynchronous, completely online; 12 weeks long.
- Interactive, case studies, discussions.
- Each module is facilitated by a subject matter expert who will work through the curriculum with the students.
- Contact hours per module not exceed 6-7hs.

**CONTINUING EDUCATION CREDITS available through UBC CPD and CSMLS**

For more info, contact us:

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