

## **2023 Canadian Biosafety Symposium – Pre-Symposium Workshop**

**Title: Design Considerations and Lessons Learned for CL2 & CL3**

**Length:** 8hrs

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### **Course Description:**

The Center for Biosecurity (CB) administers the regulatory oversight for the establishment of biosafety and biosecurity to protect the health and safety of the public against risks posed by human pathogens and toxins. Part of this oversight is done by working closely with Regulated Parties to achieve and maintain compliance with Physical, Operational and Testing requirements as laid out in the Canadian Biosafety Standard, 3<sup>rd</sup> Edition, 2023.

In this Workshop, representatives of the Office of Biosafety and Biocontainment Operations group will go over Physical and Testing requirements specific to CL2 and CL3 laboratories. The workshop will cover Design Considerations, Equipment Knowledge, Mechanical Failures, Incomplete Commissioning, as well as lessons learned in relation to these requirements. The workshop will also cover some of the impacts and lessons learned developing operational procedures in relation to physical design and consideration for PPE, risk assessments and emergency response. Specific examples will be provided, clearly defining our regulatory expectations and how a lab can meet the requirements.

Models will be used to demonstrate and clarify both issues and expectations with each type of test. This will also provide the participants the opportunity to interact with and visualize how the equipment they're representing affects the Containment Laboratory and design considerations.