

Combining Efficiency With Occupant Comfort at UBC

<https://dsai.ca/events/combining-efficiency-with-occupant-comfort-at-ubc/>

Associate Dennis Giobbe and Kevin Shea of AME Group present **Combining Efficiency With Occupant Comfort at The University of British Columbia's New Undergraduate Biosciences Complex** at the 2020 Virtual I2SL Annual Conference.

The new Undergrad Biosciences Complex at The University of British Columbia is a major renovation and addition to an existing facility. Combining both existing infrastructure, the new addition and an existing aesthetic provided exciting challenges to both energy efficiency, occupant comfort and addressing the idea of biophilia. The design approach to comfort included both typical strategies and atypical strategies that more closely related to the idea of the well being of occupants and comfort associated with the surroundings that were created with the development of the building.

During this session, you will learn about topics surrounding sustainable design that support research and teaching labs.

Learning objectives

- Identify contemporary sustainable features that focus on providing science learning environments that align with advances in pedagogy;
- Gain an understanding of sustainable design features that focus and promote the comfort, health and wellbeing of students and educators;
- Gain an understanding of how the concept of Biophilia can inform building elements; and
- See the benefits of considering total energy use when designing the systems that support the research and teaching labs.

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