



# HEALTH in BUILDINGS HYGEIA 2026

where the medical & engineering professions collaborate & innovate



May 27-29, 2026 - Island of KOS, Greece

#	Darryl K. Boyce, P.Eng., ASHRAE Presidential Member, ASHRAE Fellow	
Title:	Boyce Consulting Services, owner	
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Presentation title:	Designing and Operating Buildings for People and Performance – IEQ Does Matter	

The design of new buildings and building retrofits is critical to the ongoing operation of the building to meet the indoor environment and energy/carbon emission targets. The presentation will review the recent developments related to Indoor Environmental Quality (IEQ) and discuss how some of the ASHRAE Standards, guidelines and other resources can be used to facilitate the provision of a healthy indoor environment without wasting energy. The presentation will provide some case studies on how new and existing facilities can be designed and built or renovated to achieve the desired outcomes:

- The ASHRAE Headquarters Building design construction and operation
- Using an Energy Services Contract (ESCO) model to improve the facility indoor environmental quality while reducing the use of energy

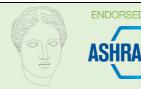
### Short CV:

Darryl K. Boyce, P.Eng., Fellow/Life Member ASHRAE, was the ASHRAE President for the 2019-2020 term.

Boyce is retired and was previously special advisor to the vice-president (Finance and Administration) – and the assistant vice president of facilities management and planning – at Carleton University in Ottawa, Ontario

Boyce is a 1982 graduate of the University of Alberta with a Bachelor of Science in Engineering and earned his Engineering Diploma from the British Columbia Institute of Technology in 1973.

#### Event:



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Darryl K. Boyce, P.Eng., Fellow/Life Member ASHRAE, was the ASHRAE President for the 2019-2020 term. Boyce has previously served on the board of directors as treasurer, vice president, Director, and Regional Chair Region 2 and director-at-large.

The Society theme during Darryl's presidential year was "Building for People and Performance – Achieving Operational Excellence." The focus was on ensuring operational performance for the people who live, work, and interact in the buildings we create.

His past service includes president of ASHRAE Research Canada; and chair of ASHRAE Learning Institute Board of Trustees, the Board Planning Committee and the Educational Activities Committee; and a member of the Foundation Trustees and Region II Chapters Regional Conference co-chair. He also held all offices in the London Canada Chapter.

Boyce is retired and was previously special advisor to the vice-president (Finance and Administration) – and the assistant vice president (Facilities Management and Planning) – at Carleton University in Ottawa, Ontario

Throughout his time spent with ASHRAE and in the HVAC industry, Boyce has worked on various projects to increase energy efficiency. His projects include the SNOLAB project in Sudbury, Ontario, where he is responsible for the design and construction of a world class research facility for underground science. At Carleton University, Boyce Led the design and construction of 20 new facilities as well as upgrades to the campus infrastructure and was instrumental in the development of an Energy and Sustainability strategy to effectively upgrade existing facilities.

Darryl has also served in APPA, the Higher Education Facilities Officers Association at the Chapter, Regional, and international levels, as a Regional Meeting General Chair, a member of the Information and Research Committee, and a Body of Knowledge content coordinator for Energy, Utilities and Environmental Stewardship.

Boyce began his university career as a mechanical designer at the University of Alberta in 1974. In 1978, he left his full-time position to attend university full-time to earn a Bachelor of Science degree in Mechanical Engineering. During this time, he also worked part-time as a mechanical designer in the Department of Physical Plant.

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