

# ASHRAE Ottawa Valley Chapter

## Chapter Meeting #4 – 23 January 2020

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Meeting Date:	23 January 2020
Location:	Centurion Conference & Event Center, 170 Colonnade Rd, Ottawa, ON
Attendance:	Total: 69
	Members: 44    Guests: 9    Students: 16
Theme:	YEA
Tour:	None
Tech Session:	System Selection by Joel Primeau
Table Top:	S&P Canada Ventilation Products and Engineered Air
Program:	Presidential Address: Building for People and Performance, Achieving Operational Excellence
Speakers:	Darryl Boyce
Prepared by:	Ryan Dickinson

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### ***Tech Session*** (16:30 – 17:30)

### ***Social*** (17:30 – 18:30)

### ***Business Session*** (18:30 – 18:53)

- President Aaron Dobson called the meeting to order.
- Aaron introduced the Executive and Board of Governors.
- Secretary Ryan Dickinson introduced the guests for the evening.
- Andrew Brown, membership promotion chair, welcomed nine new members to the Chapter.
- Elizabeth Primeau, Student Activities Chair, talked about Society President Darryl Boyce's visit earlier in the day to Carleton University, where he met with students to talk about ASHRAE. In December, a group of students from Earl of March High School visited Modern Niagara's shop for a tour. The Career Fair is coming up on March 10th at Carleton University, and the OCA Youth Education Trade Show is coming up at the end of February where ASHRAE is helping out with the HVAC, sheet metal and plumbing booth.
- Joe Della Valle spoke about the benefits of Young Engineers of ASHRAE (YEA), including his past experiences and involvement volunteering with the YEA committee. There will be an upcoming Learn to Curl event to be scheduled before the upcoming Curling Bonspiel.
- Adam Moons, President-Elect and Research Promotion Chair, mentioned that the Chapter is halfway to reaching its goal of \$36,000 this year, and thanked the membership for the incredible support that has been given.
- President Aaron Dobson spoke about the upcoming Curling Bonspiel on March 13th and mentioned that the ASHRAE Winter Conference will be taking place next week.
- There were 2 tabletops for the evening. Tim Sutton, Sales Manager for S&P Canada Ventilation Products, was presenting their jet fans for parking garages that they will be introducing at the AHRI Expo. Glenn Maclean from Engineered Air introduced their

latest acquisition, BKM, the original reverse flow energy recovery technology.

Business Session Finished at 18:53.

***Dinner*** (18:55 – 19:30)

- Dinner was served at 18:55.
- Dinner was an assorted buffet with cake and coffee served for dessert.

***Evening Program*** (19:30- 20:14)

- Evening program started at 19:30.
- Raffle tickets were sold to win two tickets to an upcoming Ottawa Senators game, donated by Engineered Air. A total of \$760 was raised for ASHRAE research. Gemma Kerr was the lucky winner of the tickets, and graciously offered the tickets to the visiting students at her table.
- President Aaron Dobson announced the program topic for the evening and introduced the speaker, Society President Darryl Boyce. Darryl Boyce's presentation discussed his theme for the society year, Building for People and Performance, Achieving Operational Excellence.
- Darryl started his presentation by sharing his story of growing up, discovering his passion for engineering, and his ASHRAE journey. He learned early on that making or building things was not enough, and that we must ensure operational performance for the people who live, work and interact in buildings. People must succeed within the buildings we create.
- We should care about operational performance because we own the buildings we design, build, commission and operate, and it aligns with ASHRAE's mission of advancing human well-being. Darryl suggested that the HR in ASHRAE stands for people, the human resources that have been at the center of ASHRAE since day one. Operational performance is good for the planet by reducing the environmental impact of building operations.
- Darryl presented data that showed that buildings with great designs occasionally use more energy than designers intended or the owners expected. Great designs do not always deliver great operations, because the designers are not always focused on operability during the design process. They should understand what the owners want at the end. Buildings are becoming more complex with new technologies, and building operators are not being properly trained. Several post occupancy studies found that buildings were designed with systems that exceeded the capacity of the building management to operate. Systems were complex or innovative, and there was insufficient commissioning which led to a correlation with lower building performance.
- We can help people succeed in the buildings we create by finding ways to include building operations representatives all the way through design. Designs should reflect the capabilities of the people that will be operating the building. ASHRAE members should get engaged with building operators at the chapter level and the society level to improve our understanding of their problems and develop educational and training tools to reduce the gap between design, construction and operations. ASHRAE is developing a new guideline called: Designing for Effective Building Operations, which will be available in June 2020 or early July.
- Darryl concluded his presentation by discussing ASHRAE membership, the 2019-2024 strategic plan, well-recognized standards, the ASHRAE Handbooks, Advanced Energy

Design Guides, ASHRAE Learning Institute (ALI), ASHRAE eLearning, Certification, Building EQ, resources for Young Engineers in ASHRAE and scholarships. Lastly, Darryl introduced the new ASHRAE Global Headquarters which will be net-zero energy ready, with the move expected for October 2020.

- President Aaron Dobson thanked Darryl Boyce and reminded attendees of the survey which will be emailed. The next meeting is scheduled for Tuesday February 18th at the Centurion Conference and Event Center.

**Meeting adjourned 20:14.**