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ASHRAE LONDON CANADA CHAPTER #116

TOPIC:

Retro-commissioning for Energy Savings

Presenter:

ASHRAE Distinguished Lecturer

Hoy R. Bohanon, Jr., P.E.

**President – Hoy Bohanon Engineering, PLLC
Clemmons, NC**

Monday October 16th, 2023

5:00pm to 6:00pm = Social; 6:00pm to 7:00pm = Dinner; 7:00pm = Presentation

**The Clubhouse at The Factory
100 Kellogg Lane**



Registration Link

<https://forms.gle/h1uFmiP1KLydpVLP7>

\$85 – Members | \$25 – Students

October Topic

Retro-commissioning for Energy Savings

What is retro commissioning? Is it required by LEED? How can a process save energy? What are some of the aspects of an energy saving retro-commissioning application? What guidance is available from ASHRAE guidelines? What are the types of savings from the process and what are the critical components to assure that savings are realized?

October Presenter

ASHRAE Distinguished Lecturer

Hoy R. Bohanon, Jr., P.E.

**President – Hoy Bohanon Engineering, PLLC
Clemmons, NC**

Hoy Bohanon, PE, LEED AP, BEAP is a principal in Hoy Bohanon Engineering, PLLC, a firm that focuses on improving the performance of existing mission critical buildings. Mr. Bohanon began his engineering career as a research and design engineer, and then gained experience as a project engineer, facilities engineer, facilities manager, indoor air quality research engineer, environmental engineer, and business owner. He has a master's degree in engineering from North Carolina State University, and a bachelor's degree in mechanical engineering from Georgia Institute of Technology.

Mr. Bohanon has written technical papers and articles on indoor air quality, operations, and maintenance and is a frequent presenter at technical society meetings. He is a recipient of the ASHRAE Distinguished Service Award. He is past chair of ASHRAE Standard 62.1 committee, Ventilation for Acceptable Indoor Air Quality. ASHRAE Building EQ Committee and is a past member of the Environmental Health Committee. He is chair of the US Technical Advisory Group panel 1 (general principles) for ISO TC205 Building Environment Design and a current member of ASHRAE Standard 62.2 committee. He is a co-author of The Indoor Air Quality Guide: Best Practices for Design, Construction and Commissioning and Performance Metric Protocols for Commercial Buildings: Best Practices Guide. He also teaches multiple courses for the ASHRAE Learning Institute addressing ASHRAE 62.1 and IAQ. Mr. Bohanon is also a fellow in the Professional Engineers of North Carolina.



2023-2024 Chapter President's Message

To ASHRAE London Chapter Members,

To introduce myself – I am Jeff Armstrong, your ASHRAE London Chapter President for 2023/2024. I've been working in the local industry for the past 8 years and have been involved with ASHRAE for the duration of my career so far. I believe it is important to have a local industry group that facilitates professional development and as well as peer to peer networking.

Our goal for this year is to refine the chapter operations so that our local members can extract as much value out of participating as they possibly can. We are still navigating the trends of the post-covid world and as such we are still trying to customize and refine our processes and meetings in the direction that our members want it to be.

An initiative we have will be to provide participation certificates to members that they can keep for PDH hours. With the recent guidelines from PEO this will be an important item for industry professionals to keep track of.

We have an excellent board of governors of volunteers who share the same goal of growing the chapter by providing value to the members. The first half of the meetings are planned at venues that we have not tried before and we are excited to receive feedback on the meetings. Everything the chapter decides to do is based on feedback we have received so it is highly encouraged to please pass on any thoughts or comments about anything the chapter decides to do. This is your local chapter and our priority is providing value to our local members.

Also I want to highlight your donations to chapter and society help us to run the chapter operations as well as achieving ASHRAE's mission to serve humanity through continuous research in HVAC/R industry. Please continue your support and feel free to donate using link in chapter website.

If any members are interested to volunteer for the chapter, please contact me at jeff.armstrong@trane.com or anyone listed on the board!

Jeff Armstrong, P.Eng.



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Professional Development

Need hours for your professional development requirements? Be sure to attend a chapter meeting. Professional Engineers Ontario requires members to have yearly professional development training recorded through the Practice Evaluation and Knowledge (PEAK) program. Other groups may also require continuing education.

Chapter Upcoming Meetings

Monday October 16th – Chapter Technical Meeting

Topic: Retro-commissioning for Energy Savings

Speaker: Hoy Bohanon – **Distinguished Lecturer**

Monday November 20th – Chapter Technical Meeting

Topic: Reducing Carbon Emissions and Achieving Enhanced Indoor Environments in a Portfolio of Buildings

Speaker: Darryl Boyce, **Distinguished Lecturer**

***** be sure to check web site for latest information *****

<http://LondonCanada.AshraeChapters.org>

ASHRAE Society Engineering Job Board

The ASHRAE society Engineering job is a publicly accessible job board where all companies can create job postings for HVACR related jobs. The resource is available at <https://jobs.ashrae.org/>



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contact:

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or

Scott Sinclair

scott.sinclair@chorley.com



ASHRAE RESEARCH

Hello ASHRAE London Members,

My name is Glenn Kernaghan and I am the Chapter Research Promotion Chair for this year. Our Research Promotion goal for this year is \$10,000 and look forward to reaching this goal through your continued support.

This year we will be recognizing donors at a RP Donor Recognition meeting by displaying individual and company donors prior to one of the technical presentations. Donors will also be recognized in the monthly newsletter and on the London Chapter website. To donate online please visit:

<http://www.ashrae.com/donate>

Current Donors:

Current Honour Roll Individual Donors:

Jeff Armstrong

Current Honour Roll Corporate Donors:

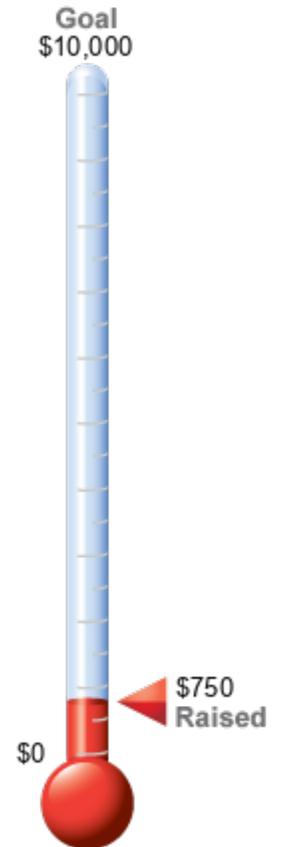
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<u>Contribution Levels</u>	<u>Individual</u>	<u>Company</u>
Honour Roll	\$150 +	\$500 +
Major Donor (Bronze)	\$250 - \$999	\$500 - \$999
Major Donor (Silver)	\$1000 - \$2,499	\$1000 - \$2,499

If any questions, please contact:

Glenn Kernaghan

glennkernaghan@gmail.com





ASHRAE Announces Nominees for 2023-24 Slate of Officers and Directors

Doug Cochrane (Region II) was recently announced to serve as a Director-at-Large. Please see below announcement:

ATLANTA (February 6, 2023) – ASHRAE is pleased to announce its nominees for the 2023-24 slate of officers and directors. Nominations for officers and directors were made by the ASHRAE Nominating Committee from a list recommended by individual members and from Chapters Regional Conferences.

The 2023-24 nominees are as follows:

President:

Ginger Scoggins, P.E., Fellow ASHRAE

President-Elect:

Dennis Knight, P.E., BEMP, Fellow Life Member ASHRAE

Treasurer:

Bill McQuade, P.E., LEED AP, Fellow ASHRAE

Vice Presidents:

Billy Austin, P.E., BCxP, BEAP, BEMP, CHD, HBDD, HFDP, OPMP, Fellow ASHRAE

Ashish Rakheja

Wade Conlan, BCxP

Chandra Sekhar, Ph.D., Fellow ASHRAE

Directors and Regional Chairs:

Scott Peach, P.E., FPE (Region VII)

Joe Sanders (Region VIII)

Jonathan Smith, P.E., CEM, LEED AP (Region IX)

Buzz Wright, P.E., FPE (Region X)

Mahroo Eftekhari (Region XIV)

Directors-at-Large:

Doug Cochrane, P.Eng., LEED AP

Corey Metzger, P.E.,

Heather Schopplein, P.E.

Alternate Director-at-Large:

Patrick Marks, P.E., Fellow ASHRAE

ASHRAE members will vote on the nominees via electronic ballot in May. Ginger Scoggins, P.E., Fellow ASHRAE, will serve as ASHRAE President for the 2023-24 Society Year.



June 2023 Golf Tournament

The annual golf tournament was held at Echo Valley on June 5th 2023. It was a great success with over 100 participants on the day. Huge thank you to all of the teams that registered, hole sponsorships, and product sponsorships.

Through the 50/50 sales and the on-course donations to various competition holes the chapter was able to donate \$1,800 directly to ASHRAE research Canada.

We were also able to make a profit of \$3,104.73 which is going to directly support chapter operations in the coming year with costs such as supporting the Western ASHRAE scholarship, offsetting meal/venue costs for members and students, as well as contribute to funding new member initiatives.

For any record of the accounting please contact the organizers Jim & Jeff. james.legree@honeywell.com, jeff.armstrong@trane.com

Please pass on any suggestions or comments for next years tournament!

ASHRAE Pocket Guide 10th Edition

Now available in the ASHRAE Bookstore! The ASHRAE Pocket Guide 10th edition serves as a user-friendly, offline reference for engineers without easy access to complete ASHRAE Handbook volumes. This latest edition has been revised to include updates from the four current volumes of the ASHRAE Handbook series, from the 2019 editions of ASHRAE Standards 15, 34, 62.1, 62.2, and 90.1, and the 2020 edition of Standard 55. Learn more about what is included in the 10th edition and purchase your copy today.

<https://www.ashrae.org/technical-resources/bookstore/ashrae-pocket-guide-for-air-conditioning-heating-ventilation-refrigeration-10th-ed>

New ASHRAE Certification Study Guide

Now available in the ASHRAE Bookstore

The **NEW Certification Study Guide: Building Commissioning Professional (BCxP)** joins the growing suite of ASHRAE Certification tools to help you reach your professional goals.

Looking for something else? Also available are the **Certification Study Guides for Certified HVAC Designer (CHD)** and **Building Energy Modeling Professional (BEMP)**.

Tune-in to the ASHRAE Journal Podcast

Tune into conversations between leading ASHRAE experts as they discuss what HVAC engineers need to know to design better systems and grow the HVAC&R industry. Available on all podcast platforms.

<https://www.ashrae.org/news/ashraejournal/ashrae-journal-podcast>