



Airways

The Official Newsletter of the
Hamilton Chapter Since 1959

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May 2021

President's Report

The Executive

President
[Robyn Ellis](#)

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[Mitchell Rohrer](#)

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[Aaron Besseling](#)

Greetings ASHRAE Hamilton chapter members! I hope this newsletter finds you in good health and positive outlook. For our May meeting we held a virtual seminar regarding "The Primary Secondary Versus Variable Primary Debate" with *ASHRAE Distinguished Lecturer*, Mick Schwedler. Our theme for the May meeting was Research Promotion. We also re-listed our Executive & Board nominations to date, which I have also outlined in the April Airways. This will be determined at our AGM, which will take place Friday, May 28 at 3:30 p.m. Please contact myself or any member of the executive in order to attend, and/or if you wish to add a nomination. Here is the [virtual link](#) to the AGM (I suggest that you connect with myself or our Exec and be sure to test out MS Teams in advance of the AGM).

Committee Chairs

Government Affairs
[Mustafa Morsy](#)

Student Activities
[Mark Long](#)
[John Molnar](#)

Young Engineers in
ASHRAE
[Marco Ciallella](#)

Chapter Technology
Transfer Committee
[Mitchell Rohrer](#)

Membership Promotion
[Reaz Usmanali](#)

Research Promotion
[Iain Hill](#)

Our YEA event Thursday, May 5 called "Beat the Hacker Virtual Escape Room," was a success. Thank you to our organizer Marco Ciallella and to all who participated.

A reminder that ASHRAE Society is holding its 2021 Virtual Annual Conference, taking place June 28-30, 2021 and offering: interactive programs designed to inform and connect attendees, to 50+ time zone friendly live sessions to participate in, and more than 70 on-demand sessions to view at your convenience over the next 18 months. [Register here](#).

As our Hamilton Exec team begins to look at the 2021-2022 year, we plan on reaching out to you for your input into virtual and in-person programs.

I hope we can see each other at some point in our 2021-2022 program. To all chapter members, thank you for your ongoing support.

Thank you!

Robyn Ellis
Hamilton Chapter President 2020-2022

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[David Rasmussen](#)

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What You Missed at the May Meeting

Topic: The Primary Secondary Versus Variable Primary Debate

Speakers: Mick Schwedler, *ASHRAE Distinguished Lecturer*

Date: Tuesday, May 11, 2021 at 5:30 PM

Where: Webinar

Thank you to everyone that attended.

Presentation Summary:

When we consider a chilled water system configuration, such as VPF, it is beneficial to examine and compare the new system with conventional systems. While VPF systems have now been in use for over 20 years, the system still must be designed and operated properly to provide the expected benefits to the building owner.

This presentation covered:

- A brief overview of primary-secondary systems, and a comparison with VPF

- Why are people considering VPF today, when it was not allowed in the past?
- Challenges associated with varying water flow through the chiller's evaporator
- Plant sequencing, and various chilled water plant configurations to be considered
- Control, specification and operating issues
- And even systems that should not be considered for VPF design.

Speaker Overview:

Mick has been active in the development and support of HVAC systems for Trane since 1982. His area of expertise includes system optimization as well as chilled water and water source heat pump system design. His contributions to the industry include assisting designers in proper application of products and systems in buildings.

Mick has chaired the USGBC LEED and serves as a President Elect on the ASHRAE Board of Directors with numerous ASHRAE contributions and accomplishments.

Please contact Mitchell Rohrer (mitchell.rohrer@jci.com) for any questions/suggestions relating to the ASHRAE Hamilton 2020-21 program.

Research Promotion Update

Unfortunately, our contributions have not increased over the last couple of months. All of the research funds contributed by our membership make it back into research in Canada. There are only a couple of months left within our Society Year.

An easy way to contribute to the RP program is when you register for our monthly webinars, there is an option for a \$5 individual contribution or for \$20 to be recognized (with a shout-out!) as a meeting sponsor.

**Iain Hill, LEED AP
Research Promotion Chair**

Thank you to this year's contributors to our Research Promotion (RP) campaign:

<p><u>Organizations - Gold Level</u> University of Waterloo</p> <p><u>Organizations - Bronze Level</u> Emerson Climate Technologies</p>	<p><u>Individuals</u> Mark Long Aaron Besseling Robyn Ellis Mitchell Rohrer Stan Holko Iain Hill Professor Roger Delisle John Koko Reg Barsoum</p>
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2020-2021 RP Committee

- Iain Hill, Chair
Aaron Besseling, Member
Robyn Ellis, Member
John Molnar, Member
David Rasmussen, Member

Mitchell Rohrer, Member

RP Goal for 2020-2021: \$10,850

Contributions to Date: \$4,495

If you would like to contribute to the future of ASHRAE Research, you can click [here](#) or when you renew your annual membership, you can choose to make a contribution to ASHRAE Research Canada.

For any questions about donating to ASHRAE Research Canada, please contact Iain Hill (iain.d.hill@jci.com).

ASHRAE Certifications

Do You Know About ASHRAE Certifications?

ASHRAE certification programs were founded to meet the industry needs of today and provide value to thousands of built-environment professionals, employers and building owners.

For the past 100+ years ASHRAE has worked hard to earn and maintain a worldwide reputation for being the leader in HVAC&R design. ASHRAE certification programs serve to reinforce that reputation.

ASHRAE certification programs:

- Are developed by industry practitioners who understand the knowledge and experience that are expected for superior building design and system operation
- Assure employers and clients of subject mastery
- Serve as a springboard for continued professional development
- Offer an easy-to-apply process
- Allow non-native English speakers additional testing time

Certification programs available include:



[Learn more here.](#)

Mitchell Rohrer
Chapter Technology Transfer Chair

Invitation to Subscribe to Government Affairs Update

Subscribe now to this bi-weekly newsletter to stay connected with the most recent government activities around the world, pertaining to building professionals like you.

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You can access the most recent Government Affairs Update from [this page!](#)

Membership Promotion

Interested in becoming a member?
Apply [online](#) or by [mail](#).

Are you a student looking to become an
ASHRAE member?

The Hamilton Chapter is excited to continue its initiative to promote and support students that wish to explore the opportunities ASHRAE can provide. For the 2020/2021 year the Chapter is sponsoring students who sign up to become student members by funding their membership dues for one year.

[Students - Learn more here!](#)

Reaz Usmanali
Membership Promotion Chair

Job Board

Is your company looking for its next new hire? Contact Christopher Hofland, Newsletter Editor, at chris.hofland@alumni.utoronto.ca to advertise the posting here in the *Airways* newsletter! Postings are free for chapter members!

A Warm Thank You to Our Sponsors

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Volunteerism

We are always looking for more volunteers to help strengthen our chapter.

If you are Interested in getting involved please contact Robyn Ellis at robyn.ellis.eagles@gmail.com.

VISIT OUR WEBSITE

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