



Airways

Hamilton Chapter No. 037

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American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 48, No. 8

Our 48th Year

May 2007

President

David Hills, A.Sc.T.
Phone (905) 687-9778
dhills@tmpniagara.com

Treasurer & Research Chair

William McCartney
Phone (905) 822-2430
w.mccartney
@isothermengineering.com

Secretary

George Robb, P. Eng.
Phone (519) 885-2858
gjrobb@golden.net

**Membership Chair &
Student Activities Chair**

Adam Werthmiller, C.E.T.
Phone (905) 687-9778
awerthmiller
@tmpniagara.com

Historian

George Menzies, P. Eng.
Phone (905) 388-1313
gmenzies@allstream.net

C.T.T.C. Chair

Nathan Martin, P. Eng.
Phone (905) 681-3901
nathan@odellassoc.com

T.E.G.A. Chair

Mike Krewski
Phone (519) 885-7460
mkrewski@uniongas.com

Social Chair

David Rasmussen, C.E.T.
Phone (905) 575-5542
drasmussen
@delhi-industries.com

Programs Co-Chair

John Loncar, P. Eng., MBA
Phone (519) 885-7450
jloncar@uniongas.com

Programs Co-Chair

Terry Fowler, P. Eng.
Phone (905) 335-3325
terry.j.fowler@jci.com

Webmaster

Brian Beninger, P. Eng.
Phone (905) 563-3221
brian@beninger.ca

Airways Editor

Allan Antcliffe, P. Eng.
Phone (519) 756-5760
allan@madok.com

DRC

Wilfred Laman, P. Eng.
Phone (905) 648-0800
wflaman@vaxxine.com

Tuesday, May 1, 2007



under UV illumination

Feature Speakers

***Dr. James Scott, Assistant Professor
Occupational & Environmental Health
Department of Public Health Sciences, Faculty of Medicine
University of Toronto***

Dr. James Scott will speak about the habitat, the biology and the detection of Legionella. See "bio" on next page.

***Gary Sweeney, Director of Business Development
CTM Inc.***

Gary Sweeney and his crews are exposed to Legionella on a regular basis during the cleaning and maintenance of cooling towers and similar equipment. Gary will discuss how to deal with any Legionella bacteria found—including the safety precautions required to work around and with it. See "bio" on next page.

Followed by a Panel Discussion led by George Robb

***Royal Hamilton Yacht Club
North End of McNab, On Hamilton Harbour***

5:00 pm – Social Hour

6:00 pm – Dinner & Business Meeting

7:00 pm – Feature Speakers followed by a Panel Discussion

Technical Session/Dinner/Feature Speaker

Chapter Members - \$30.00 • Guests - \$40.00 • Students - \$15.00 • Meal Plan - \$135.00

Technical Session and/or Feature Speaker (without Dinner)

\$15.00



President's Report

Well, we've just finished our second annual ASHRAE Satellite Webcast and the topic of discussion was Indoor Environmental Design. I would like to thank everyone who was able to attend with the change to an afternoon meeting. I am sure that everyone gained insight into this very important topic of providing better comfort to the occupants of the buildings we all work in.

On May 1st, we have a special evening planned on the topic of Legionella and how it is detected, treated and removed from buildings. As most of you are aware, Legionella in buildings has been an ongoing concern for building owners and property managers as well as the occupants. As a person who has worked in the Consultant field for the past 17 years, this topic comes to life from time-to-time and is a difficult one to address. The topic of Legionella was selected to help provide support for all involved in providing proactive and reactive measures and to help provide healthy environments to those occupying the buildings we get involved with.

The June meeting—the last ASHRAE Hamilton Chapter outing of the year—is our annual Golf Tournament. Available spots are filling fast (we are restricted to 120 players) so, if you're interested in submitting a team or coming as a single golfer, please complete and return the attached registration form. If you have any questions, please contact our David Rasmussen at (905) 575-5542 or drasmussen@delhi-industries.com. Remember, the fees are due at the time of registration and must be submitted no later than two weeks before the day of the tourney.

Warmest Regards,

David Hills, A.Sc.T., President 06/07



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May Speaker Bios

Dr. James Scott is Assistant Professor of Occupational and Environmental Health in the Department of Public Health Sciences at University of Toronto and is cross-appointed to the Dept of Pediatrics. His research and teaching deal with occupational and environmental hazards posed by microbes.

James is also the president, CEO and owner of Sporometrics Inc., a Toronto-based commercial environmental microbiology laboratory and specialty consulting company that he founded in 1993 which currently employs 10 people and is located in a 3,000 sq ft purpose-built, state-of-the-art laboratory facility in the old Toronto factory quarter in the King & Liberty neighbourhood.

In addition, James serves as the southern Ontario region medical mycology consultant to the Ontario Region Poison Information Centre for mushroom poisonings.

James graduated with a BSc in phytopathology (1990) and a PhD in mycology (2001), both from the University of Toronto.

Gary Sweeney is the Director of Business Development for CTM Inc (Cooling Tower Maintenance) and a Director of GTT Onset.

He spent 28 years with the Trane Company working in office administration, the Parts Department, achieved third year standing as a refrigeration apprentice, dispatcher and job coordinator, Service Salesman, Service Sales Manager, Vice President and General Manager Service and finally, General Sales Manager for all equipment, temperature controls and aftermarket sales.

After leaving the Trane Company in 1999, Gary worked as an independent consultant to Enwave District Energy and the ECE Group before joining CTM Inc.

Gary has a HBA from the University of Western Ontario. He is a member of ASHRAE and BOMA.

Research Report

We are fast approaching the ASHRAE year end for Research donations.

As in the past, the contributions to ASHRAE Research Canada, has returned \$6.00 of value to Canadian researchers for every \$1.00 we contribute.

It's our industry and we can be directly responsible for its growth and health by supporting ASHRAE.

Please contact me or any of the Board members for your receipt.

Thanking you in advance.

Bill McCartney, Treasurer & Research Chair 06/07



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Upcoming Chapter Meetings

Wednesday, June 6/07
Theme: Social/Research

ASHRAE Hamilton Chapter Golf Tournament at Legends on the Niagara (Ussher's Creek course) – Niagara Falls.

Tuesday, Sept. 11/07
Theme: Global Warming

Feature Speaker - Victoria Serda, Deputy Leader of the Green Party of Ontario and Municipal Councillor in Port Elgin, ON will bring Al Gore's message about the threat of and solutions to global warming to Chapter members.

ASHRAE Hamilton Chapter 2007 Golf Tournament Wednesday, June 6th

The response to our annual ASHRAE Hamilton Chapter Golf Tournament has been extremely positive. At press time, I have 100 golfers confirmed and several past participants still pending. This will bring the numbers close to my requirement of 120 golfers to allow for a shot-gun start.

I can likely accommodate a small number of single players or twosomes. If you are still thinking of entering a foursome, please e-mail me first to evaluate. The entry form is attached – please complete it and e-mail it to my attention at drasmussen@delhi-industries.com.

We can always accommodate Hole Sponsors at a cost of \$125 for new sponsors and \$75 for returnees. There will be new signs made this year and they will be located near the tee blocks.

Those interested can check out the website at www.niagaraparksgolf.com/legends/. Then click on Ussher's Creek course.

Let's hope it warms up!

David Rasmussen, Social Chair 06/07



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Upcoming Events of Interest

ASHRAE Toronto Chapter
Seminar and Exhibition
Engineering for Sustainability
Thursday, May 17, 2007
Marriott Toronto Airport Hotel

*(see last page of this month's Airways
for additional details and registration form)*

	Consulting Engineers
The Mitchell Partnership Inc.	
26 Hiscott St., Suite 104 St. Catharines, Ontario Canada L2R 1C6	David Hills, A. Sc. T. Designer
Tel (905) 687-9778 Fax (905) 687-8147	E-mail: dhills@tmpniagara.com www.tmpniagara.com

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ASHRAE News Releases

ASHRAE Names Nine New Distinguished Lecturers

ATLANTA – ASHRAE has named nine new Distinguished Lecturers who provide ASHRAE chapters with noted authorities who speak on relevant topics that impact the HVAC&R industry.

ASHRAE Grants: Student Studies Impact of Noise Levels on Design

ATLANTA – Research to determine if new standards should be implemented for background noise levels in design of spaces for hearing-impaired people is being funded by ASHRAE.

HVAC System Inspection and Maintenance Standard Open for Public Comment

ATLANTA – A proposed standard (ASHRAE/ACCA Standard 180P -- Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems) setting requirements for inspection and maintenance of HVAC systems is open for public comment.

Proposed Addenda Open for Review ASHRAE Looks at Combining Air Filter Testing Standards

ATLANTA – A proposed addendum open for public comment is part of efforts to combine ASHRAE's two standards on air filter testing.

ASHRAE, ACCA Publish Load Calculation Standard

ATLANTA – A new standard that establishes minimum requirements for performing load calculations has been published by ASHRAE. The standard was developed in conjunction with ACCA.

Click here for complete news releases.

	Terry J. Fowler, P.Eng. Account Representative
	Johnson Controls L.P. Controls Group 3070 Mainway Drive, Unit 10 & 11 Burlington, Ontario L7M 3X1 Tel: (905) 335-3325 Direct: (905) 335-3551 Ext. 241 1-800-263-6226 Fax: (905) 335-9960 Cell: (905) 730-9674 terry.j.fowler@jci.com
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New Chapter Member

We would like to welcome **David Thurgood** to the ASHRAE Hamilton Chapter. David is the Sales and Marketing Manager at Delhi Industries (Delhi, ON). We look forward to seeing David at upcoming Chapter events.

*Submitted by Adam Werthmiller, C.E.T.,
Membership Chair & Student Activities Chair 06/07*

Message from the Editor

Please remember that, effective this fall, the ASHRAE Hamilton Chapter will be returning to having its meetings on the second Tuesday of the month. The first meeting of the "fall season" will thus be on Tuesday, September 11, 2007.

Allan Antcliffe, P. Eng., Airways Editor 06/07

This space could be yours!

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2006 – 2007 Meeting Schedule

This year's meeting schedule is summarized below. Except for some special events, all meetings will be held at the Royal Hamilton Yacht Club, at the north end of McNab St. on the Hamilton Harbour (If you need a map, visit our web site). During the 5:00 pm to 6:00 pm Social Hour, a half hour "technical session" is presented on the basics of a particular subject relating to our industry. If the session sounds interesting to you, feel free to attend. These sessions are presented by our members and are open to any one wishing to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by the "feature speaker". If you are interested in presenting a technical session, booking table top space to promote your product and/or service or, if you have a suggestion for a feature subject and/or speaker, please contact Nathan Martin (Programs Chair). There is a charge of \$75.00 for "table top demonstration" space and this includes a business card ad for two months.

ASHRAE Hamilton Chapter Program Activity				
Date	Theme	Technical Session 5:00 pm – 6:00 pm	Table Top Demonstration	Feature Speaker
May 1, 2007	Membership /Special	James Scott, Assistant Professor, University of Toronto Gary Sweeney, Director of Business Development, CTM Inc. Legionella		
June 6, 2007 (Wednesday)	Social /Research	Legends on the Niagara — Ussher's Creek Course Annual Golf Tournament		
September 11, 2007 (2nd Tuesday)		Feature Speaker—Victoria Serda of the GREEN Party (Huron - Bruce) Global Warming		

Airways Editor:

Allan Antcliffe, P. Eng.
Madok Manufacturing Limited
50 Morrell Street, Brantford, ON N3T 4J5
Phone: (519) 756-5760
Fax: (519) 756-5768
E-mail: allan@madok.com

Hamilton Chapter Mailing Address:

ASHRAE Hamilton Chapter
59 Abbey Close
Ancaster, ON L9G 4K8

ASHRAE Hamilton Chapter

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



ASHRAE Toronto Chapter is Proud to Present
A Seminar and Exhibition on

Engineering for Sustainability

Thursday May 17, 2007
Marriot Toronto Airport Hotel
901 Dixon Road, Toronto, Ontario, M9W 1J5

7:30 AM – 8:00 AM Reception
8:00 AM – 4:00 PM Seminar & Exhibition

Agenda Includes:

- 1 – Terry Townsend, P.E., ASHRAE Society President
- 2 – Darryl Yahoda, Union Gas
- 3 – Shane Pospisil, Ontario Energy Association
- 4 – Cengiz Kahramanoglu, P. Eng., Ministry of Municipal Affairs
- 5 – Professor Gary Johnson, Seneca College
- 6 – Stephen Carpenter, P. Eng., LEED-AP, Enermodal Engineering
- 7 – Dan Larson, P. Eng., LEED-AP, Smith & Andersen



Early Registration (On or Before April 20th, 2007) \$125.00*

On-Site Registration	\$150.00
Students	\$75.00

For Registration Contact: Ms. Sabrina Tai – ASHRAE Toronto Chapter
 Tel: (905) 602 4714
 Fax: (905) 602 1197
 E-mail: stai@hrai.ca

To register for the event, please complete form and send form and/or cheque to Sabrina Tai.

*All early registration payments must be received on or before April 20, 2007, to receive the \$25 discount.

Name: _____ Visa No: _____

Company: _____ Exp Date: _____

Telephone: _____ Card Holder: _____



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EVENT SPONSORS





ASHRAE HAMILTON CHAPTER **SCRAMBLE GOLF TOURNAMENT**

DATE: WEDNESDAY JUNE 6, 2007

LOCATION: LEGENDS ON THE NIAGARA, NIAGARA FALLS, ON

COST: \$150.00 PER PERSON

**INCLUDES: 18 HOLES ON THE USSHER'S CREEK COURSE
ONE POWER CART PER TWO GOLFERS
SUPPER
FREE ACCESS TO DRIVING RANGE**

PLEASE COMPLETE THE FOLLOWING AND FAX OR E-MAIL TO DAVID RASMUSSEN
RESTRICTED TO THE FIRST 120 PAID GOLFERS
(REGISTER NOW TO AVOID DISAPPOINTMENT)

PLAYER 1 _____ PLAYER 2 _____

PLAYER 3 _____ PLAYER 4 _____

IF A SINGLE PLAYER, PLEASE INDICATE YOUR "NORMAL" SCORE FOR 18 HOLES:

75 - 85 86 - 96 97 - 107 108 - 118 119 OR OVER

SHOTGUN START AT 1:00 P.M. SHARP

DESIGNATED CONTACT: _____

PHONE: _____ FAX: _____

E-MAIL: _____

- NEW SPONSOR – WE WOULD LIKE TO SPONSOR A HOLE @ \$125.

- PAST SPONSOR – WE WOULD LIKE TO SPONSOR A HOLE @ \$75.

- MY GROUP WILL BRING _____ GIFT CARD(S) FOR PRIZES.

PLEASE SEND YOUR CHEQUE IN ADVANCE TO:

David Rasmussen
Delhi Industries Inc.
8-1300 Upper Ottawa Street,
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PHONE OR FAX: (905) 575-5542
E MAIL: drasmussen@delhi-industries.com

Make cheques payable to:
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