



Nic~Nacs

SEPTEMBER

2011

NORTHERN ALBERTA CHAPTER

Inside this issue:

Dinner Meeting	2
Ticket Packs	
Sponsor A Student	3
September Dinner Meeting	4
Contact Info	5

Lindsay Austrom

President

Welcome members, colleagues and students!

I am honoured to serve as your Northern Alberta Chapter President for 2011-2012, and I invite you to another fantastic year of meetings, workshops and social events. If you aren't already a member, please don't be shy! I have only been involved with the chapter for about five years. In that time I have enjoyed meeting and working with members from our chapter and across the region.

Your Board of Governors has been busy making arrangements for engaging speakers, informative topics and exciting programs to help keep you informed on the latest issues impacting our industry, both locally and around the globe. We are here for you, so we need your input! Please pass on your suggestions for topics, speakers, building tours or special events – we will do our best to make it happen.

I would also like to take this opportunity to thank our chapter volunteers for all of their hard work, energy and creativity. This chapter is only as strong as its members, so our volunteers really do make a difference every day. If you would like to volunteer, please let me know. Any amount of time is appreciated, given our busy lives balancing commitments at work and at home. We are introducing a "job jar" program for volunteers to help with short, one-time tasks so that everyone has an opportunity to contribute.

Be sure to check our website regularly for all of the latest information on upcoming events, dinner meeting tickets, photo galleries, updates from Region and Society, as well as our industry calendar. Feel free to forward details of your product showcase, open house, golf tournament or other event (send to admin@ashraenac.org) and we will post it on the calendar as well. We kick off the season with our annual Past Presidents Night on September 21st, so I look forward to seeing you there!

Thank you,

Lindsay Austrom
ASHRAE NAC President
2011-2012

The ASHRAE Northern Alberta Chapter is currently seeking Sponsors for our upcoming dinner meetings.

This Sponsorship gives your company the opportunity to have a table top display, and recognition for sponsoring.

The cost of Sponsorship is \$850, with \$200 being donated to ASHRAE Research in your company name. For more information, please contact Robert @ programs@ashraenac.org

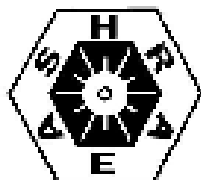
2012 ASHRAE Winter Conference



Chicago
January 21-25



www.ashrae.org/chicago



Northern Alberta Chapter



Please join us for a certified ASHRAE Learning Institute technical training program hosted by the ASHRAE Northern Alberta Chapter and presented by ASHRAE expert Stanley Mumma.

Understanding & Designing Dedicated Outdoor Air Systems (DOAS) Presented by Stanley Mumma

Designers, Contractors and Building Owners are starting to understand the many benefits that exist for using 100% Outdoor Air Systems. However many of these systems are suboptimal. The idea is not a new one, but the design philosophy is not understood completely. In order to optimize these systems and benefit from the technology, more technical knowledge is required.

This course will define DOAS and current mutations, discuss the parallel terminal systems available, identify the inherent problems with VAV systems, present DOAS equipment choices with psychrometrics, illustrate the design steps via an example, address DOAS automatic control design and operational issues in a campus building, review the energy savings potential of the top HVAC technologies, review the engineering design score sheet for a DOAS project, address over 20 frequently asked questions and draw conclusions.

Members—\$245

Non Members—\$275

YEA Chapter Members—\$195

Students—\$150

Add October 19 Dinner Meeting Ticket for \$30

October 19, 2011

Edmonton Petroleum Club

11110—108 Street

12:00—1:00 PM Registration and Lunch

1:00—4:00 PM Technical Instruction

Space is limited: rsvp.ashraenac.org

Training includes a technical book to keep



We now accept debit and credit cards at the door!

Cash, cheque and Paypal options are still available!

Our Youth Are Our Future

Supporting young HVAC engineers ensures a vibrant and energetic future for our industry. ASHRAE supports the continued professional development of our young engineers by providing opportunities for networking, mentorship, and access to leading industry experts.

Invest in the Future: Sponsor a Student

With your sponsorship of \$75, a student will receive a one year student membership in addition to the current Fundamentals Handbook. Inside the front cover of each handbook, individual donor contact information will be provided. Every sponsorship will be formally acknowledged by the ASHRAE Northern Alberta Chapter.

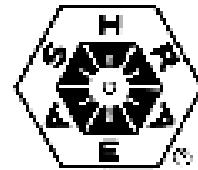
This is a new initiative for our chapter and the support of our membership is essential.

To sponsor a student go to: www.ashraenac.org/rsvp

For more information go to:

www.ashraenac.org/2011/08/08/students-need-your-help/

or e-mail: studentactivities@ashraenac.org



Save The Date!

Upcoming Meetings and Events:

October 19, AII Technical Training, December 10, Christmas Luncheon, March 21, Trade Show

More info coming soon....

ASHRAE Learning Institute 2011 Fall Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



Complying with Standard 90.1-2010: Envelope/Lighting
Mon, October 3, 2011 – 1:00 pm to 4:00 pm EST

Healthcare Facilities: Best Practice Design
Mon, October 31, 2011 – 1:00 pm to 4:00 pm EST

Healthcare Facilities: Best Practice Application
Wed, November 2, 2011 – 1:00 pm to 4:00 pm EST

Evaluating the Performance of LEED-Certified Buildings
Mon, November 7, 2011 – 1:00 pm to 4:00 pm EST

Project Management for Improved IAQ
Wed, November 9, 2011 – 1:00 pm to 4:00 pm EST



The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEUIPDH credits. Archiving is available.

Data Center Energy Efficiency – Part 1
Mon, October 10, 2011 – 1:00 pm to 4:00 pm EST

Data Center Energy Efficiency – Part 2
Wed, October 12, 2011 – 1:00 pm to 4:00 pm EST

Using Standard 90.1 to Meet LEED Requirements – Part 1
Mon, October 17, 2011 – 1:00 pm to 4:00 pm EST

Using Standard 90.1 to Meet LEED Requirements – Part 2
Wed, October 19, 2011 – 1:00 pm to 4:00 pm EST

Implementing Standard 189.1 for High-Performance Green Buildings – Part 1
Mon, October 24, 2011 – 1:00 pm to 4:00 pm EST

Implementing Standard 189.1 for High-Performance Green Buildings – Part 2
Wed, October 26, 2011 – 1:00 pm to 4:00 pm EST

ASHRAE HVAC Design Essential Workshop

January 11-13, 2012 • ASHRAE Foundation Learning Center • Atlanta, GA

Obtain the skills needed to:

- Improve overall building performance
- Design high-performance HVAC systems
- Effectively collaborate on an integrated design team

ASHRAE has created the HVAC Design Essentials to provide intensive, practical education for designers and others involved in delivery of HVAC services. Developed by industry-leading professionals, this workshop provides participants with training design to accelerate their evolution into effective member on a design, construction or facilities maintenance team.

In addition to gaining in-depth knowledge and understanding, attendees will receive real-world examples of HVAC systems based on the newly renovated ASHRAE Headquarters building. The workshop teaches a systematic approach to guide a design team to a solution that optimally meets the client's expectations.

Who Should Attend

- Engineers new to the HVAC industry
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain design knowledge
- Architects who want to understand HVAC design
- Construction project managers involved with mechanical systems



Visit www.ashrae.org/hvacdesign to register

ASHRAE Certification Programs

- Building Energy Assessment Professional (BEAP)
- Building Energy Modeling Professional (BEMP)
- Commissioning Process Management Professional (CPMP)
- Healthcare Facility Design Professional (HFDP)
- High-Performance Building Design Professional (HBDP)
- Operations & Performance Management Professional (OPMP)

For more info, visit
www.ashrae.org/certification

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Stay Informed:

GOOGLE CALENDAR : <https://www.google.com/calendar/embed?src=nacstorage@gmail.com&ctz=America/Edmonton&gsessionid=OK>

Have an event to add to the Google Calendar? Email admin@ashraenac.org

CHAPTERWEBSITE: www.ashraenac.org

SOCIETY WEBSITE: www.ashrae.org

YEA WEBSITE: www.ashrae.org/yea

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