



# Nic-Nacs

SEPTEMBER

2010

## NORTHERN ALBERTA CHAPTER

### Inside this issue:

Membership	2
Programs	2
Student Activities	3
YEA	4
Winter Conference	5
Contact Info	6

### Special points of interest:

- ◆ Past President's Night  
Wednesday, September 22  
Edmonton Petroleum Club
- ◆ YEA Luncheon Mixer  
Thursday, October 14  
Brewster's Oliver Square

## William Regan

## President

Well it's that time of year again. The leaves are starting to change colour, I even saw frost on my neighbour's roof the other day! The kid's are back in school. So it's time to welcome you back to another year of your ASHRAE NAC newsletter. Our first meeting of the year will be on Wednesday, September 22, @ 5:00PM at the Petroleum Club. I look forward to seeing everyone back. We have a very interesting speaker for this occasion which I'm sure you will enjoy. We will be celebrating Past President's Night. With that in mind, I thought it might be a good idea to go back and review some of the history from our chapter with some help from Ivan Hall, our past chapter historian as well as past regional historian, along with Paul Knowler our current chapter historian.

*The Northern Alberta Chapter arrived on the scene in March of 1956 in the midst of the fourth boom to hit the city in the century - the gadget boom of post WWII. We were the fifth Canadian chapter to be chartered and the third in Western Canada behind Manitoba (1935) and British Columbia (1952). It is now one of 17 Canadian chapters; the latest being Vancouver Island Chapter, formed in 1985.*

*Since being chartered, our membership has grown from the original 20 charter members to an area membership in excess of 300; not including students. We have moved from the original Canadian Region 2 to International Region 11 (in 1967) and helped sponsor two new chapters (Calgary in 1957 and Vancouver Island in 1985). Northern Alberta Chapter has, from inception, been active in sponsoring education and technical seminars in the HVAC field in our community. The Chapter produced a 16mm color movie in 1968, which included a tour of the Northern Alberta Institute of Technology and coverage of a member consultant's trip on a fly-in project to the North. This activity extended to post secondary course content advisory committees, 2 ASHRAE Student Chapter sponsorships, scholarships and government code reviews. We have also promoted cooperation with other technical and professional associations in the area.*

*Socially, we hold annual golf tournaments, Boat tours, horse races and other social activities. In recent years we've added a Christmas Charity Luncheon to our list of events as a way of further helping out in our community.*

*Early in our history we were the first of all Region 2 chapters to meet our fundraising goal to support ASHRAE in the United Engineering Centre in New York. (ASHRAE had committed a goal of \$250,000 to the centre in 1960). Since ASHRAE started emphasizing research in 1969, we have consistently supported ASHRAE Research. We've also had chapter members on ASHRAE technical committees over the years. NAC has been fortunate to see these funds in action; with the University of Alberta being recipient of several ASHRAE research projects.*

*Our chapter has been no slouch in producing 'championship' performance either. We have produced one of only 3 Canadian Society Presidents (the late Don Holte), a Society Director (Percy Butler), a Regional Education Chairman (Darryl Boyce), and a Regional Refrigeration Chairman (Alex Paterson). We have hosted 5 Regional CRC Conferences since inception (1960, 68, 81, 94 and 2008) and sponsored 2 student chapters (NAIT & U. of A.). We have been recognized for excellence by winning PAOE awards in 11 years; including one with citation. We won a Society Energy Award in 1985, a Region 11 energy award in 1984, Top Dog award for Research fundraising in 1981 and '88 and TOPS membership award in 1990, a regional history award, a regional programs award and several Full Circle and High Five awards.*

As you can see our chapter has a long and proud history. I am very honoured and excited to be part of this chapter and look forward to serving as your president. We have an exciting year planned for you. We have a very dynamic group of people on the BOG which will bring new and interesting ideas to the table. We are always looking for new members to help out on committee's and to join the BOG. Please consider volunteering your time to this great chapter.

In closing, I look forward to seeing you at our first meeting where together we will embark on writing the latest addition to our chapter's history.

## Membership

**Robert Prybysh**

A new year with ASHRAE NAC is upon us and we are looking forward to what will be one of our best years ever. Looking forwards to our upcoming calendar, we have a year filled with informative speakers and insightful presentations on a number of applicable topics. Our goal this year is to insure that as much of the information that is available through ASHRAE NAC is conveyed to the members of our industry.

Every year, ASHRAE NAC hosts a number of events that we believe provide a professional benefit to the members of our industry. While many members are aware of our regular meetings and presentations, what they may not be aware of is the annual events that are held, including tournaments, trade shows, and seminars by ASHRAE's Distinguished Lecturers. These events are available to everyone in the building industry and it is the goal of the Northern Alberta Chapter to maximize our exposure of these events.

Who could be a potential member? Everyone in the industry can benefit from ASHRAE. Whether a seasoned engineer who hasn't previously attended an ASHRAE event, or a new designer who would benefit by being a member of Young Engineers in ASHRAE (YEA), there are events and opportunities for education and fellowship that are tailored to everyone's interests.

So what does this mean to you? What will be seen in the upcoming year is a number of initiatives that will enable our current members to expose the benefits of ASHRAE to potential members. Potential incentives may include entries to draw prizes, or free admissions to future presentations for both the existing and potential member. Notices will be posted at the meetings and in the newsletter offering these bonuses to current members who bring new attendees to meetings and presentations.



ASHRAE Seeks New Faces of Engineering

*A Recognition Program for National Engineers Week 2011*

Nominate Someone Now!

<http://www.ashrae.org/members/page/946>

## Programs

**Lindsay Austrom**

Hi everyone, and welcome to another year of great ASHRAE events! We have some wonderful speakers lined up, starting with Angus Watt at the September meeting. But I need your input to know what our members are looking for. What programs would you like to see from the Chapter? Fill out the survey at <http://www.zoomerang.com/Survey/WEB22AKMTKSU9L> or contact me with your comments. Your feedback helps us deliver presentations, seminars and other activities that benefit our members.

## Student Activities

**Tom Jacknisky**

Welcome back to another exciting year. Hopefully summer treated everyone well. Not much in terms of AC required this summer to make us think about the upcoming ASHRAE Year but let me assure you it is here and in full swing. Just a recap from the previous year to start things off. Last year we saw a surge in new Student Membership and interest level. Presentations were held at both NAIT and U of A about our organization, ASHRAE volunteers mingled with potential engineering grads, and elementary school presentations were done to try and grasp the minds of today's youth (remember these are the people who will be paying our CPP). There has also been some conversation with NAIT in regards to taking our little chapter to the International ASHRAE Stage.

So that brings us to the current year. We have been in close discussions with the HVAC/ BEST program at NAIT about having their students enter in the ASHRAE design competition. This competition is very prestigious on a Student Activities level as well as an ASHRAE level. There has not been too much interest north of the 49th in this competition but upon further review it ties directly in to the design project that NAIT students are already required to complete for their program. This year it is hopeful that students will be given the option to produce a project and submit it to the ASHRAE Design Completion. Just the entry alone will bring attention to our chapter and the upcoming stars within this organization. The ASHRAE NAC is currently active volunteering in the elementary schools around the Edmonton area. These volunteer presentations will continue throughout the school year and hopefully in years to come. A science kit and video of a presentation has been prepared so that the presentation can be passed on for others to perform. As has been done for many years, presentations will be done at the local post secondary institutions to pitch the ASHRAE organization, let the students know more about the HVAC industry, and to get the word out about the local scholarships provided each year by the Northern Alberta Chapter. One of the major pushes this year will be to get more students coming out to the dinner meetings on a regular basis. As all of you know this is a great way of meeting people in our industry, listening to insightful technical presentations, and having a great time. This focus will strengthen our chapter for years to come. Please welcome these students every chance you get.

**VOLUNTEERS REQUIRED** - Would you like to help out with presenting to Elementary students or answer a few questions for students preparing for the ASHRAE Student Design Competition? These volunteer commitments take very little time but could be very beneficial to the community. Please contact Tom Jacknisky for volunteer opportunities. [studentactivities@ashraenac.org](mailto:studentactivities@ashraenac.org)

Looking forward to a great year with everyone. Please feel free to drop a line to me if you have any questions or comments relating to the Student Activities for the Northern Alberta Chapter. Ideas are welcome all the time.

### **MARK YOUR CALENDARS FOR THE ASHRAE PRESIDENTIAL VISIT!**

ASHRAE President Lynn G. Bellenger, P.E. will be visiting Edmonton on January 13th, so save the date for a special Presidential Visit dinner meeting! Her presidential theme, "Modeling a Sustainable World", highlights the role ASHRAE members play as leaders in sustainable design. See the August issue of *ASHRAE Journal* for her 2010-11 presidential address. Stay tuned for more details on her visit!



## Historian

**Paul Knowler**

I'm back as your NAC Historian for the 2010/2011 chapter season. I have been involved with the NAC for many years, and have seen many different boards of governors assembled to carry out the running of the chapter in all of its complexity and challenges. Some years are more problematic than others due to the day to day strain on all of our volunteer board members through their jobs and home lives, people moving away mid season for various reasons, and others simply not taking the job seriously and letting things slide. Through it all the NAC has remained solvent, supported by our area members, and meaningful to us all. Remember - we exist to serve our local and area chapter members by bringing them technical programs that deliver value, a place to get together once a month for industry fellowship and networking ( I personally enjoy looking around a crowded room on any given dinner meeting to see groups of people engaged in animated conversations), and the opportunity a few times a year to get together outside of work to recreate and fraternize!

This year we have an exceptional crew assembled to serve you in our 2010/2011 NAC Board of Governors. Boasting a good combination of years of experience and relatively new faces, a great dynamic is present around the meeting table. I sense energy, competency, and a desire to present the best technical programs we can bring to you. Here's what you can do for this fine group of volunteers - come out to meetings and support the Northern Alberta Chapter! If you too want to get involved, approach any of our board members and strike up a conversation. We'll find a spot for you so that you can see what it's like to work with us. You might even like it, and I'll guarantee it's good for your career!



American Society of Heating, Refrigerating  
and Air Conditioning Engineers  
Northern Alberta Chapter

## Young Engineers in ASHRAE (YEA) LUNCH MIXER

Calling all HVAC young professionals! Please join us for a social lunch to meet others in our industry. ASHRAE members and non-members 35 years old or younger are welcome.

Feel free to invite and encourage other potential YEA members in our industry to attend this event.

Lunch menu available, each attendee will receive a separate bill. Bring along business cards for networking, and enter to win prizes!

Thursday, October 14<sup>th</sup>, 2010  
Noon – 1:30pm  
Brewster's – Oliver Square  
11620 104<sup>th</sup> Ave

RSVP by Monday, October 11<sup>th</sup>  
yea@ashraenac.org

YEA Committee  
ASHRAE Northern Alberta Chapter



**CIPHEX  
WEST**

**November 3 & 4**  
**BMO Centre, Stampede Park**  
**Calgary, Alberta, Canada**



More info: <http://www.ciphexwest.ca/west2010/public/enter.aspx>



We're renovating to serve you better!

Watch for our newly designed website including lots of new features, such as our Chapter Google Calendar. More information coming soon!

## ASHRAE hold all the sustainability cards, Winter Conference to be held in Las Vegas

ATLANTA—Las Vegas, Nev. continues to build upon its reputation as a vibrant showcase for the extraordinary by offering the grandest hotels, the biggest stars in entertainment and, of course, the brightest lights. It's no wonder that the world's biggest HVAC Expo and the largest membership-based HVAC&R engineering society have chosen the city as the site of the ASHRAE 2011 Winter Conference and AHR Expo.

The extravagant setting of Las Vegas serves as a unique contrast to ASHRAE's Winter Conference theme of A Safe Bet: Zero-Energy Design. It is sure to highlight the importance of finding the balance in design. The 2011 Winter Conference takes place January 29-February 2 at the Las Vegas Hilton. The International Air-Conditioning, Heating, Refrigerating Expo®, held in conjunction with the Winter Conference, will run January 31-February 2. The Expo is held at the Las Vegas Convention Center, a short distance from the Hilton, the Conference headquarters hotel.

In keeping with ASHRAE's goal of continuing education the Conference offers over 200 Professional Development Credits, as well as Continuing Education Units, which can be applied toward a Professional Engineering license.

The technical program features more than 90 programs and 300 speakers addressing the efficient use of energy in new and existing buildings, refrigeration updates, applications including data centers, laboratories, healthcare facilities, the real cost of zero-energy design and other topics related to design, standards, codes and professional skills. Nearly all of the technical program sessions will be approved for NY PDHs and by USGBC for GBCI CE hours for LEED professionals. The Las Vegas Virtual Conference, included with paid attendees' registrations, will be available to non-attendees. Six Professional Development Seminars and 14 Short Courses are offered to help industry professionals stay up-to-date on industry trends. ALI offers a new course on building energy modeling that focuses on HVAC&R systems and updates to courses covering Standards 62.1 and 90.1 to reflect changes in the 2010 versions of these standards from previous versions.

Additionally, ASHRAE continues to listen to the market and launches a sixth certification program in conjunction with the 2011 Winter Conference. This new program targets Energy Assessors/Energy Auditors and is appropriate for those individuals who perform energy assessments or audits for commercial, industrial or residential buildings. More information can be found at [www.ashrae.org/certification](http://www.ashrae.org/certification).

This winter's technical tours spotlight how technology developed by ASHRAE members is practically applied to buildings and include the central plant at Planet Hollywood and MGM Center and Springs Preserve.

When members are not attending courses at the Conference, observing the technological advancements featured at the AHR Expo or touring the local sustainable buildings there are numerous general tours such as Hoover Dam, Springs Preserve, the Venetian Grand Canal Shoppes, the Bodies and Titanic exhibits and the Las Vegas Strip. Those who take part in the early-bird registration before December 31 have the opportunity to save up to \$195. Complete information is available at [www.ashrae.org/lasvegas](http://www.ashrae.org/lasvegas).

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

*54<sup>th</sup> Annual Past Presidents Night*  
*An Economic Discussion With Angus Watt*  
*Wednesday, September 22, 2010*  
*5PM*  
*Edmonton Petroleum Club*  
*11110-108 Street*

R.S.V.P. to Jennifer MacKenzie

Phone: (780) 662-2634

e-mail: [admin@ashraenac.org](mailto:admin@ashraenac.org)

Tickets Available Online at: <http://webstore.ashraenac.org>

RSVP Deadline is 3p.m. Monday, September 20, 2010

## BOARD OF GOVERNORS

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**Get in the know with**

We thought it would be a good idea to host an industry calendar, a place where we can capture all of the industry events. Of course we will include all of our ASHRAE NAC events. But, we would also like to include any of your events too! Golf tournaments, open house's, etc, Please enter the following link in your web browser; <http://tiny.cc/ASHRAENAC> This will take you to the ASHRAE NAC calendar. We have entered all of our meeting dates for the year and a few of our social activities as well.

Google calendar is a great way to keep track of your schedule. You can share a calendar with a spouse or co-worker and see when they are busy or available. You can also import public calendar's into yours, such as our NAC calendar, Your favourite Hockey team, etc. There are hundreds of public calendars you can import. It also works with Microsoft Outlook. You can enter a calendar event in Outlook or Google calendar and they will sync-up across both applications. This is handy if you don't always have access to Outlook but have access to the web.

Please send us an email of any of your events you would like posted on the industry calendar to [admin@ashraenac.org](mailto:admin@ashraenac.org) and we will be sure to include them.

**Stay Informed:**

**CHAPTERWEBSITE:** <http://www.ashraenac.org> (New website coming soon)

**SOCIETY WEBSITE:** <http://www.ashrae.org>

**MAILING ADDRESS:** PO Box 42066 Milbourne RPO  
Edmonton, Alberta  
T6K 4C4

**DO YOU HAVE :**

- Ideas for our website?
- Events to add to our calendar?
- Employment opportunities?
- Changes to your ASHRAE membership?

Please contact [admin@ashraenac.org](mailto:admin@ashraenac.org)