



Nic-Nacs

**NORTHERN ALBERTA
CHAPTER**

DECEMBER

2010

Inside this issue:

Membership	2
Curling	2
Student Activities	3
YEA	4
Meeting Notice	5
Contact Info	6

William Regan

President

Well it is that time of year again! Is it just me, or is it getting busier and busier this time each year? There just aren't enough hours in the day to ever get it ALL done! Well there are worse problems one could have..... I will stop complaining and embrace the challenge! I would like to take this opportunity to wish you and yours all the best for this holiday season. Please be safe out there and enjoy this special time of year with friends, family and loved ones.

Your ASHRAE NAC, BOG (wow you gotta love those ASHRAE acronyms!) Has been hard at work planning for a special visit. Our ASHRAE Society President, Lynn Bel-lenger will be here on Thursday January 13th, 2011. We are planning a special luncheon at the Fairmont Hotel MacDonald. The topic will be; "ASHRAE's contributions to Greening Strategies in Alberta". We have invited government officials at both the municipal and provincial levels, as well as many industry and related industry leaders to this event. We have limited seating available, so please book your seat early to avoid disappointment as this luncheon will sell-out! Information can be found on our website.

Speaking of our website! Please check it out! We have a completely new and improved look! www.ashraenac.org The new site is blog based so we can all share ideas amongst each other. It is linked to the ASHRAE NAC Google calendar so we can instantly update all industry and ASHRAE events. Please be sure to leave us your thoughts and impressions on the new site. A special thank-you goes out to Kent Signorini and Jennifer Mackenzie for the countless hours they spent designing and implementing the new site!

Have you registered for the ASHRAE winter meeting yet? 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, January 29 – February 2.

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 technical program focuses on efficient use of energy, different design approaches and other topics related to refrigeration, standards and codes and HVAC systems, equipment, applications and fundamentals. Register now at ashrae.org

Once again, all the best for the holiday season and I hope to see you all at our January meetings!

Special points of interest:

- ◆ John Ross Curling, Page 2
- ◆ January Meeting Notice, Page 5

Membership

Robert Prybysh

The Northern Alberta Chapter of ASHRAE covers a substantial area and often it can be difficult for many of our members to be able to attend our monthly meetings if they are located in a community away from the greater Edmonton area. This should not discourage promoting ASHRAE involvement in the local community.

Every member has the opportunity to be involved in ASHRAE and to help promote what ASHRAE means to everyone in everyday life. The perfect example of how a member can involve ASHRAE in the local community is to bring ASHRAE into the local schools. As part of the grade 2 science curriculum, students are studying HVAC and home heating, and I do not believe that there is anyone who could be a better speaker on the subject than an ASHRAE member.

Unsure what to say, or how to do a presentation to a room full of grade 2 students? Recently our own Honors and Awards Chair, Shanon Warner, did exactly this and was gracious enough to have the entire presentation recorded. While there are efforts underway to have the presentation available to everyone on our webpage (along with a list of items in her science kit), individuals who would like to have an advance copy should contact an ASHRAE NAC board member.

At ASHRAE NAC we are open to hearing other ideas on how members can get involved on behalf of ASHRAE. This is one example of how location is not a barrier to involvement, and how members can include ASHRAE in their communities. I encourage everyone to consider contacting their local schools to see how they can help bring ASHRAE into the classroom.

ASHRAE Social Function Making its Triumphant Return

- Members are encouraged to gather Teams of Four. If interested in entering as a single please contact for possible space include any experience.
- Prizes
- NAC Champions will have their team sponsored to represent the Chapter at the John Ross Bonspiel in Saskatoon
- Come mingle with HVAC professionals in a fun / competitive atmosphere
- Event will be held in February. More details to come. Also check out details on the NEW ASHRAE NAC Website
- For more information and to register, please contact: curling@ashraenac.org



Student Activities

Tom Jacknisky

The Student Activities functions are starting to ramp up. We will be heading to the University of Alberta and NAIT to do presentations to the students and encourage them to join ASHRAE as well as apply for our annual scholarships. Last year we had about 15 students apply for our scholarship from both NAIT and the U of A. This year we are hoping to have a similar interest level. This year there is a HVAC specific class being offered at the University of Alberta in the first semester. We will be focusing on heading out to the U of A in the upcoming weeks to give our presentation to these students who have shown an interest in our industry. In the first week of the New Year it will be our focus to go back to the U of A and NAIT to pitch the Student Night, NAC Scholarships, and pitch our fantastic organization.

Student Night is January 13th. Please engage some of the students and make them feel welcome. The fee for Students attending this meeting will be waived.

Recently I have met up with a few recent graduates who are now involved in our industry. There needs to be a focus on drawing in some of the talent that is coming out of our post secondary organizations. If you have any students who are wondering about what we do and would possibly be interested in our industry, reach a hand out and help them by providing informed knowledge about what we do. Bring these student out to the Dinner Meetings. A Student ticket is only \$5. This ticket gets them a meal, a night amongst HVAC Professionals, and useful technical knowledge that could be one of the deciding factors if they are choosing a career path.

It has been brought to my attention that some of the Post Secondary Students are tentative to become student members and receive the benefits of ASHRAE. If anyone would like to sponsor a student to become a student member it will not go unnoticed. If you know students who are members and want to know more about what happens after graduation get them in contact with me and I will help them out. ASHRAE has a program to try and retain its current student members and encourage them to keep active in our society. This program is called the Smart Start Program. For more details contact me at studentactivities@ashraenac.org or go online to <http://www.ashrae.org/students/page/703>.

Shanon Warner has again been doing elementary school demonstrations. Our Chapter has developed an interesting presentation on Hot and Cold, which is offered in Grade 2 of the Alberta Curriculum. We now have a presentation kit which includes a DVD of an actual presentation, script, and all the necessary science tools to repeat this presentation. If you think you may have a class that might find this presentation beneficial please get in contact with us. If you think you would like to help out with this type of presentation also please contact us and we can discuss this. It is not very much time to spend and it puts something back into our community at a grassroots level. If you are already doing something similar please let us know so you can be recognized and maybe in the future we can be of assistance.

I would like to thank the people who have already been in touch with me regarding helping out with some of the presentations at the local post secondary institutions. We will be calling upon your services very shortly. There is always going to be need of volunteers for various positions so if you feel you can possibly give an hour or two please don't hesitate to contact me at studentactivites@ashraenac.org. It would be greatly appreciated.



ASHRAE Seeks New Faces of Engineering

A Recognition Program for National Engineers Week 2011

Nominate Someone Now!

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

YEA

Tom Jacknisky

Young Engineers in ASHRAE (YEA), is a group that has been created by ASHRAE to specifically appeal to the young professionals in the HVAC &R industry. These ASHRAE members are 35 years and younger and involved in the HVAC&R industry. The purpose of this group is to bring together like minded individuals within the industry to try and keep them involved with their peers. Many younger professionals feel hesitant to join ASHRAE because of the lack of a peer presence. In order for this organization to continue growing, developing new technologies, and carrying forward the existing knowledge base it is required to have a wide variety of ages groups and skill levels involved within our organization.

If you know other potential YEA members who are not currently involved in ASHRAE or are on the fence about joining please encourage them to attend the YEA functions. If you would like to be informed of these YEA events you can check our Google calendar or email us and we would be happy to make sure that you receive notices that can be distributed as you see fit. Being a part of ASHRAE will benefit these young professionals by helping to develop required business interpersonal skills, valuable industry networking, and act as an endless technical resource to make their work stand out. Please help the young professionals that you know understand some of the benefits of being involved in ASHRAE and encourage them to attend local events.

The January Dinner meeting being held is shaping up to be quite a full night. This is the designated YEA night. YEA Members will receive their ticket for the student price of \$10. This meeting is also the Student Night, as well as we will be joined by ASHRAE President Lynn Belanger. Lynn has also requested a one on one sit down with the YEA members in our Chapter. I will be sending out an invite informing you of the details of this event as it draws nearer. Please make an effort to attend this special night. Members who are no longer YEA eligible are strongly encouraged to engage with these younger members to make them feel welcome and hopefully draw them out to future meetings.

On October 14th a YEA Mixer was held over the lunch hour at Brewsters in Oliver Square. This event was very well attended. The YEA Mixer was attended by local chapter members as well as a few potential YEA Members from our industry. There has been quite a bit of positive feedback from this event. Many of the comments from the questionnaires that were filled out are very helpful in helpful to make this group successful. We are planning on having an additional couple of events throughout the rest of the year. If you have ideas for events that you would like to see please feel free to email me these ideas and we will see what can happen.

We would like to thank TWA PANELS, ENGINEERED AIR, HEMISPHERE ENGINEERING, and the ASHRAE NAC for donating prizes to help make this event a success. Just as a heads up we will be looking for advertised sponsorship for upcoming YEA Events. If this is something that your company may be interested in please contact me.

It was very good to see a couple of new faces from the YEA Mixer out at our November Dinner Meeting. Keep coming out, hopefully you enjoyed yourselves.

If any YEA Members aren't receiving ASHRAE information via email please contact me.

Thursday January 13, 2011

Lynn Bellenger

ASHRAE Society President

Pathfinder Engineers and Architects LLP

Rochester, NY

Lynn G. Bellenger, P.E., Fellow ASHRAE, is a partner with Pathfinder Engineers and Architects LLP, Rochester, N.Y. Bellenger is ASHRAE certified as a Building Energy Modeling Professional and a High Performance Building Design Professional. She is the first female president in the Society's 116 year history. As ASHRAE's president, Bellenger directs the Society's Board of Directors and oversees the Executive Committee. She formerly served as president-elect, treasurer and vice president.

Her presidential theme, *Modeling a Sustainable World*, notes that in energy simulation, daylight analysis, CFD and BIM software, we have powerful modeling tools that enable us to create and refine our vision of a building – its appearance, systems, operation and performance. Those resources, used effectively in an integrated design process for new buildings and in analyzing retrofit opportunities in existing buildings, will help us guide building owners, architects, developers, and contractors in building orientation, shading, and shape and in selecting materials, windows, equipment, and systems that optimize building performance.

“Our biggest challenge is implementing integrated design in daily practice. The traditional approach where the architect designs the building shape, orientation, and envelope and then transmits the drawings to the mechanical and electrical engineers for their design is a silo approach that misses the rich opportunities for optimizing building performance through a collaborative approach from the beginning. It is going to require a real cultural shift in our industry to transform the design process, and it's a shift that has to occur if we are going to reach our goal of net-zero-energy buildings.”

Bellenger is a recipient of the Exceptional Service Award, the Distinguished Service Award, two first-place ASHRAE Technology Awards and the Lincoln Bouillon Membership Award. She received a Bachelor of Science in mathematics from Principia College and a Master of Science in environmental science from Rutgers University.

January is also Student and YEA night! All STUDENTS get in for free and all YEA's pay the student price (\$10). All students *MUST* RSVP to attend, or will be charged full student price. Scholarships will also be awarded at the dinner. YEA Members, please watch for further details regarding a special mixer with Lynn before the dinner meeting.

Edmonton Petroleum Club: 11110–108 Street

Cocktails: 5 PM

Dinner: 6:PM

Post Dinner Session: 6:45

RSVP by January 7, 2011: rsvp@ashraenac.org

ASHRAE NAC 2010—2011

BOARD OF GOVERNORS

PRESIDENT:	William Regan—(780)-437-5199— president@ashraenac.org
PAST PRESIDENT:	Kent Signorini—(780)-465-0842 ext 245— pastpresident@ashraenac.org
PRESIDENT ELECT:	Lindsay Austrom—(780)-720-2222— presidentelect@ashraenac.org
TREASURER:	Geoff Hurly—(780)-937-3504— treasurer@ashraenec.org
SECRETARY:	Tom Jacknisky—(780)-452-1800 ext 404— studentactivities@ashraenac.org
MEMBERSHIP:	Robert Prybysh—(780)-801-6103— membership@ashraenac.org
RESEARCH:	Kent Signorini—(780)-465-0842 ext 245— research@ashraenac.org
STUDENT ACTIVITIES/YEA:	Tom Jacknisky—(780)-452-1800 ext 404— studentactivities@ashraenac.org
HISTORY:	Paul Knowler—(780)-466-6611— history@ashraenac.org
HONOURS & AWARDS:	Shanon Warner—(780)-440-2884— awards@ashraenac.org
CHAPTER ADMINISTRATOR:	Jennifer MacKenzie—(780)-662-2634— admin@ashraenac.org
NEWSLETTER EDITOR:	Shanon Warner—(780)-440-2884— awards@ashraenac.org

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

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