

President's Message

By Alana Yip

Thank you to ASHRAE Distinguished Lecturer, Lily Wang, for joining us last month and giving us lots to think about regarding acoustics in classrooms. I was very impressed with how many men could understand her different clips, and hope you all listened to it. For those that need a reminder, the clip said, "Her husband brought her flowers."

I'm really excited about this month's meeting. It's Student Night and will be held on the University of Regina campus at the University Club. We have two presentations from fourth year engineering students and Jared will be doing a presentation with some elementary students. This gives us a great opportunity to share our industry with the university students and support them in this journey. Mark your calendars for April 9th!

The ASHRAE Webcast, Buildings in Balance: IEQ and Energy Efficiency is scheduled for Thursday, April 17th and will be held at the SaskTel Auditorium. HDA Engineering will be providing lunch. A calendar invite was sent out and a reminder will be sent out in the next week or two to confirm numbers. If you can't make it to SaskTel, you can register and watch it online on your own. Check out www.ashrae.org for more information on that.

Meeting Notice

Wednesday April 9, 2014

University Club at UofR

5:00 – Cocktails
5:45 – Student Presentations
6:45 – Supper
7:30 – ASHRAE Chapter Meeting

Upcoming Events

May 14, 2014
Tour of Centre Square Place

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Pile of Bones

President's Message Continued

The ASHRAE Region XI Chapter Regional Conference (CRC) is in early May this year. If anyone has any motions they would like to be presented during the business meeting, please contact Janel at jwalter@hdaeng.com. As well, if you have considered participating with ASHRAE on a regional or society level, please let Janel know so she can put your name forward. Your name generally goes on the list to fill a position in a couple of years. From our chapter recently we have had Ray Sieber, Murdoch MacPherson and Rob Craddock serve as Regional Vice Chairs, so if you are considering it and have any questions they would be great people to talk to.

At last month's meeting we voted on the four officer positions for next year, as well as our budget. Janel Walter will be President, Dan Brothers will be CTTC/Programs, Brad Huber will be Treasurer, and Kris Pockett will be Secretary. The main change in the budget is that the chapter dues are being raised from \$300 to \$320. This is necessary to cover the costs associated with running meetings. We appreciate everyone's support of our chapter. If there are any questions regarding this, please email me/call me/talk to me at the next meeting.

See you at the University Club on April 9th!

Committee Chair Reports

Programs

by Janel Walter

This month we have the pleasure of hosting two student groups from the U of R for this year's Student Night. We will also get a demonstration of the Engineers Building Engineers program Jared has been heading at Mother Theresa School. We will be moving the meeting this month to the University of Regina and hope to see everyone there to support students of all ages!

Next month will be our building tour of the new Centre Square Place and we will be moving our dinner meeting to a downtown location. Details on the location is forthcoming.



Committee Chairs Reports



Past President and Research Promotion

by **Carla Spriggs**

Thank you to all that have donated to ASHRAE Research this year.

Our chapter goal this year has been raised to \$13,500.00. This is an increase of \$1,000.00. I have spoken with a lot of our membership and I appreciate your consideration for renewing your donation this year. I will be continuing to contact past and new donors. Please remember to feel free to contact me and I will collect donations for submission. I can be reached at 306-525-9815 or at cspriggs@hdaeng.com.

Our annual golf tournament is scheduled for June the 12th in partnership with the MCA again this year. The profits from this golf tournament are donated to the Research campaign so please sign up for a great day out with colleges and to support a worthy cause. Registration forms will be available soon. Please be sure to sign up quickly as we expect a sell out again this year. We are asking for prizes from companies for door prizes at the golf tournament. Wayne, Jason or I would be pleased to collect prizes, feel free to let us know at the meeting.

ASHRAE Regina - Research Investors 2013-14		
Individual Investors HR = Honor Roll participants \$100 min Major Donors (Bronze) \$500-\$999: Honor Roll Donors \$100-\$249: Rob Craddock Ray Sieber Alana Yip Janel Walter Jason Danyliw Greg Fluter Jared Larson Dan Brothers Wayne Tkach Brad Huber Bob England Kris Pockett Carla Spriggs	Donations to March 31, 2014 Major Donors (Silver) \$1000+: HDA Engineering 	Company Investors HR = Honor Roll participants \$150 min Major Donors (Bronze) \$500-\$999: Major Donors (Antique) \$250-\$499: ECCO Heating Products Ltd. - Regina DYN Air Honor Roll Donors \$100-\$249: KD Mechanical Ltd. Norkorp Services Ltd. Harvard Property Management Walter's Industrial Mechanical Ltd. Thank you to all that have donated!
	Campaign Goal - \$13,500.00	Current Campaign Total - \$3,900.00 28.9% of Goal Money Required for Goal - \$9,600.00

Student Activities

by Jared Larson

This month we have our student night. It should be an exciting event as I have extended invitation to 5 elementary student of the Mother Teresa School we have been heavily involved with. I look forward to having this group here as it exposes them first hand to members in our industry, and to university level student presentations. Some of these students have interest in engineering, so it should be encouraging.

From the university class we have invited two (instead of the three groups). The following is a description of the projects.

ISE 8: Combined Heat and Power Using Biogas in Saskatchewan

Brendan Arguin Steve McDowell
Uriel Olivares

Design and feasibility analysis of a biogas-fuelled combined heat and power (CHP) system has been conducted for application on a dairy farm in Saskatchewan. This modular system captures biogas released from cattle manure and combusts it in a CHP engine to generate heat and power on-site and on-demand. The proposed process has the potential to bring about significant farm operating cost savings using a naturally occurring raw material. Major

components designed include an anaerobic digester, CHP engine, and heat exchanger.

ISE 4: RTM Motorized Reels for Welding Rigs

Kelsey Abstreiter Drake Coulter
Kailley Holmes Robert Ignierowicz

The “Ready To Manufacture Motorized Welding Reels” provides welders, both freelance and companies, with a quick, safe, less labour intensive, and an easy way to wind welding cable. The motorized reels decrease operation time and decrease potential injuries and lost time associated with hand-crank reels. The system consists of a cordless remote control system or toggle switch and a modular reel stand. The project focus is to achieve commercialization by a local entrepreneur. Manufacturing and cost principles have been applied to the design for multiple unit production and distribution with bill of materials, assembly drawings and processes, and operation and maintenance/repair manuals created. The complete design of the RTM Motorized Welding Reels also includes designing jigs and a manufacturing workflow for production. Prototyping and testing have been completed on the automated winding reel system for mobile welding rigs.

2013-2014 ASHRAE Regina Board of Governors

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Regional XI Executive

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CDi Engineers

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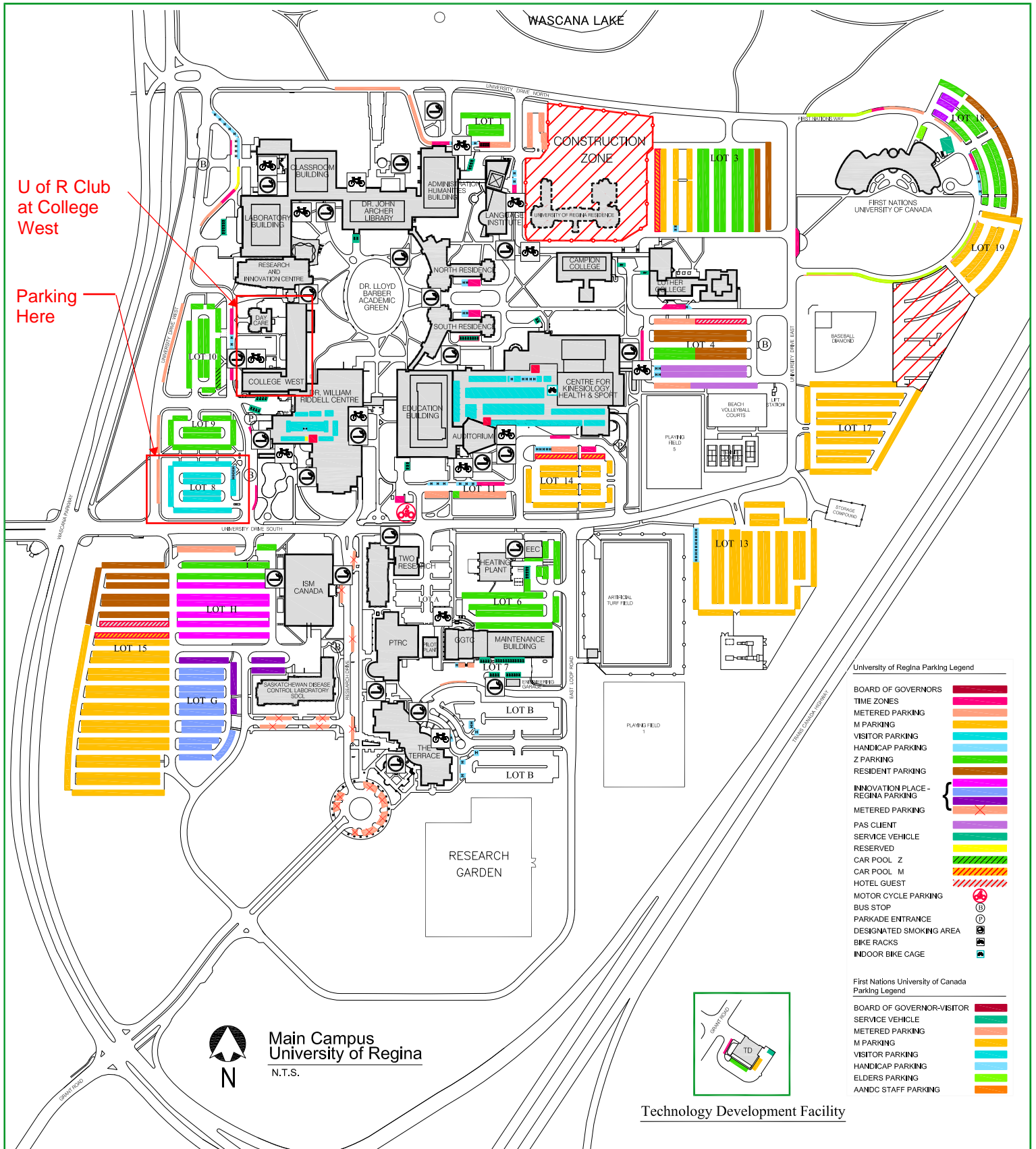
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University of Regina Parking Legend

BOARD OF GOVERNORS	[Red]
TIME ZONES	[Pink]
METERED PARKING	[Orange]
M PARKING	[Yellow]
VISITOR PARKING	[Light Blue]
HANDICAP PARKING	[Light Green]
Z PARKING	[Green]
RESIDENT PARKING	[Brown]
INNOVATION PLACE - REGINA PARKING	[Purple]
METERED PARKING	[Pink with X]
PAS CLIENT	[Light Purple]
SERVICE VEHICLE	[Light Blue]
RESERVED	[Yellow]
CAR POOL Z	[Green with X]
CAR POOL M	[Yellow with X]
HOTEL GUEST	[Orange with X]
MOTOR CYCLE PARKING	[Red with M]
BUS STOP	[Blue with B]
PARKADE ENTRANCE	[Blue with P]
DESIGNATED SMOKING AREA	[Red with S]
BIKE RACKS	[Blue with B]
INDOOR BIKE CAGE	[Blue with B]

First Nations University of Canada Parking Legend

BOARD OF GOVERNOR-VISITOR	[Red]
SERVICE VEHICLE	[Light Blue]
METERED PARKING	[Orange]
M PARKING	[Yellow]
VISITOR PARKING	[Light Blue]
HANDICAP PARKING	[Light Green]
ELDERS PARKING	[Green]
AANDC STAFF PARKING	[Orange]

Brought to you by the ASHRAE Chapter Technology Transfer Committee



Buildings in Balance: *IEQ and Energy Efficiency*

April 17, 2014 | 11:00AM - 2:00 PM CST @ the SaskTel Auditorium
Lunch provided by HDA Engineering
Registration details to follow in coming weeks

Presenters



2013-14 ASHRAE President
William P. "Bill" Bahnfleth, Ph.D.,
P.E., Fellow ASHRAE, ASME Fellow



James W. Bochat, LEED-AP, NEBB Cx,
NEBB TAB



Tim McGinn, PEng., LEED



Jerry M. Sipes, Ph.D., P.E.

This webcast will feature industry experts who will identify the link between energy efficiency and Indoor Environmental Quality (IEQ) through the integrated design process. Viewers will be able to recognize the importance of the four cornerstones of IEQ and how system selection can benefit both energy efficiency and IEQ.

EARN PDHs!

Attend this FREE webcast program and you may be awarded three Professional Development Hours (PDHs) or three AIA Learning Units (LUs).

www.ashrae.org/ieqwebcast



Join us at **ASHRAE's 2014 Annual Conference**
June 28–July 2 | Seattle, Washington | www.ashrae.org/seattle

Special first
time attendee
registration fee
available!

Join ASHRAE in Seattle! Take advantage of the opportunity to discuss and examine the latest topics in the building industry, such as high performing buildings and integrated design, through the technical program; participate in technical tours; attend ASHRAE Learning Institute courses; and earn professional credits.

Research Summit – held in conjunction with the 2014 Annual Conference. The summit addresses the latest research results, innovative research techniques and forecasts future research directions.

Technical Program – presentations and papers focus on current research worldwide; core HVAC&R applications and systems; and Integrated Project Design, Energy Modeling and Building Efficiency Performance.

Networking – share ideas and learn from fellow members from your hometown and around the world.

ASHRAE Learning Institute – choose from two full-day professional development seminars and seven half-day short courses to stay current on new HVAC technologies.

