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## Social Event: 2015 – Grubby Games

**Friday, February 20, 2015 of Engineer’s Week**

SDSM&T – Surbeck Center, Ballroom – Rapid City, SD

2:00 PM - 4:00 PM

The 2015 Engineer’s Week at SDSM&T will feature a new event “Grubby Games” as hosted by the SDSM&T Student Branch of ASHRAE. This Olympic style event includes challenges such as:

- Rubiks Cube in under 5 minutes
- Beat level 1-1 of Super Mario Bros.
- Harry Potter Trivia
- Food Bridge Building (spaghetti, marshmallows, gum drops, etc.)
- Speed Connect Four (3 second max per turn)
- "Hello World" simple program prompting
- Balsa Wood airplane for distance
- Rocket launch for height (bike pump, cardboard, Styrofoam, etc.)
- Delivering parachute for time (or accuracy of landing)
- Marshmallow catapult for distance (rubber band, spoons, Popsicle sticks, etc)
- Geometry putt-putt
- Balancing act

Competitors that complete more than one-half of the challenges will be rewarded with Silver Lining’s ice cream sponsored by the Black Hills Area Chapter of ASHRAE; supplies for the event sponsored by the SDSM&T Student Branch of ASHRAE. This new event will hopefully provide more than 200 students the opportunity to get involved, challenging their engineering street skills. ASHRAE members are encouraged to attend and interact with students at this event!

**Volunteer judges and officials are needed from 1:30 PM to 4:30 PM the day of the event!**  
Please Contact [Tyler.Nack@mines.sdsmt.edu](mailto:Tyler.Nack@mines.sdsmt.edu) for more information.

## President’s Message

I want to thank everyone who attended last month’s program, which included two separate presentations by distinguished lecturer Ross D. Montgomery in conjunction with the 15th Annual BHP/WREA Electro Technology Expo. As expressed by the following e-mail, Mr. Montgomery was very impressed with this event:

“Dear All...That was one "heck" of an impressive visit for me!!! That was such a well put together seminar. I rarely get to see a seminar that well organized and executed for so many attendees. Great Job!!!...Wow--Society should be taking notes from you guys on how to make a successful seminar. Thanks for inviting me....Thx-ross”

Though it would appear our chapter is receiving the credit, I had informed Mr. Montgomery that that this event would not be possible without the businesses, volunteers, and Electro Technology Committee that make it possible. These are the individuals who deserve the credit and thanks. Hopefully we can continue this partnership in the future.

Since we were able to sponsor two programs last month, this month we will be joining our student chapter for the 2015 Engineer’s Week – Grubby Games. Hope to see everyone there!

David Dowling, President, Black Hills Area Chapter of ASHRAE

**CHAPTER MAY NOT ACT FOR THE SOCIETY**

*American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.*

## **2015 ASHRAE Region IX CRC Committee Needs You!**

We are still gaining on the planning, but we still have several sub-committees open. The following list is where the openings exist: Attendance, Accommodations, Hospitality, Registration, Publicity, Entertainment, Transportation, and Social Events. Some of these overlap and some effort has begun, but we need your valuable energy and input. When the CRC is done, you will have found it to be a very rewarding experience.

Our next meeting is Wednesday, February 18th at noon, at China Luck in Baken Park. They have a separate meeting area in back and serve a full buffet. See you there!

Mike Mueller, General Chair, (605) 348-2033

### **Task List for the February Meeting**

- Establish Chairs and Committees
- Activate Registration and Payment Portal on Website
- Plan social events three nights:
  - Thursday – medium attended no planned social event
  - Friday – most attended event
  - Saturday – least attended event
- Prepare “Save the Date” mailer to be sent out by early-March
- Prepare “Schedule of Events” to be sent out by mid-April

### **Items Already Completed**

- Reserve Hotel
- Reserve Golf Outing
- CRC Presentation at Awards Luncheon
- CRC Debriefing Interview
- Compile Lessons Learned
- Kick Off Event to Engage Membership
- Saturday Social Event to be at Prairie Berry Winery
- First Technical Session – Sanford Lab Experiment
- Second Technical Session – Distinguished Lecturer Jerry Snipes

## Chapter Programs Schedule

Below is a listing of this year's programs. Please call or e-mail suggestions for programs as indicated below:

September 18, 2014	Steam Trapping and Condensate Recovery*	Mark Jutila
October 16, 2014	Airflow Measuring Stations*	David Day
November 20, 2014	Heat Exchangers*	Mic McLaughlin
December 18, 2014	Adiabatic Cooling*	Jerry O'Neill
January 15, 2014	Electro Technology Expo - ASHRAE "bEQ" Building Labeling Program and Energy related programs*	Ross D. Montgomery, DL
February 20, 2015	Social Event – Grubby Games	NA
March 19, 2015	Chilled Beams	Kevin Cash
April 23, 2015	New Tomorrows for Today's Buildings: Existing Building Commissioning	ASHRAE Webcast (3hr)
May 21, 2015	TBD	TBD

\* Completed Program

Send program suggestions to: Mike Austin  
(P) 605-348-2033  
(F) 605-348-1543  
[programs@blackhillsashrae.org](mailto:programs@blackhillsashrae.org)

## Membership

If anyone knows of someone who might be interested in becoming a member of ASHRAE, contact Mike Malone at:  
[membershippromotion@blackhillsashrae.org](mailto:membershippromotion@blackhillsashrae.org)

## Upcoming Events

Make plans now to attend the ASHRAE 2015 Annual Conference held in Atlanta, Georgia, June 27-July 1, 2015.

The 2015 Annual Conference in Atlanta will have a strong focus on the design, construction and operation of high performance buildings as four of the nine tracks in the conference focus on advanced design guidance, modeling, operation and optimization, and indoor air quality which are key aspects of high performance buildings along with one track that explicitly considers measured results and other aspects of high performance buildings.

You don't want to miss this event!

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