

ASHRAE BLUEPRINT

2009-2010

President
Brent Tjeerdsma

President Elect
Mark Grebner

Vice President
Steve Gaspar

Secretary
Greg Hintgen

Treasurer
Bob Everson

1st Board Member
Rob Marshall

2nd Board Member
Michael Thompson

3rd Board Member
Open

Membership
Kirby Quamen

Student Activities
John Schwartz

CTTC
Rob Marshall

Historian
Kurt Bassett

Honors & Awards
Bob O'Connor

Research Promotion
Stuart Oster

Newsletter
Ryan Van Der Bill

Publicity
Ken Wickre

Special Events
Isaac Anderson

Reception
Kacie Schneider

PAOE Watch Dog
Wade Myrabo

PRESIDENT'S MESSAGE

Brent Tjeerdsma

As August draws to a close and the flurry of fall activity approaches, I hope everyone is taking opportunity to break from the routine to get out and enjoy those final days of outdoor excursions with family and friends.

Mark Grebner and I were privileged to serve as your delegates to the 2009 Region IX CRC in Park City, UT on August 10-12. It was a beautiful venue and a successful meeting. I'm happy to report that the South Dakota Chapter remains one of only two Premier chapters in our region (those that have received PAOE since the chapter's inception). Congratulations to Past President Wade Myrabo for receiving PAOE, PAOE for Sustainability Activities, and Horn Blower awards (for best website in Region IX); and to Stuart Oster, Research Chair, for receiving the Full Circle Award. Please take a moment, when you have an opportunity, to express your gratitude to Wade and all our very capable committee chairs for their diligent efforts.

Sustainability has been at the forefront of ASHRAE's agenda during the past four years. This year's theme of "Sustaining Our Future by Rebuilding Our Past", which focuses on sustainable energy efficiency in existing buildings, is no exception. In fact, at its conference in Louisville, KY this summer, ASHRAE launched the prototype of its Building Energy Quotient building energy labeling program. Given the highly controversial nature of the current energy legislation being debated in Washington D.C. and ASHRAE's reaction to it, our industry's approach to energy and sustainability will be a hotly debated subject within the Society. Our dialogue can impact policy.

The value that any organization brings is directly proportional to the participation of its members. I encourage and challenge each of you to participate...make an earnest effort to attend the meetings, get involved in a committee. We've got a great slate of programs this year, starting with our September program pertaining to the allocation of stimulus money within the state of South Dakota. I look forward to seeing you at the Ho.

Please RSVP

Please remember to RSVP for the meeting by calling Danielle at 605-336-8500 or emailing at Danielle.Hanson@trane.com

Meal Costs and Prepay Discount

The meal costs have stayed the same as last year (**\$13 noon and \$17 evening**). As in years past, we are offering a pre-payment discount...\$ 100 for all seven meals. If you would like take advantage of this discount please bring your check along to the first meeting and present it to Kacie Schneider at the reception table.

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We are excited to have Michele Farris P.E., CEM, State Energy Manager for Office of the State Engineer speaking at this month's ASHRAE meeting.

Michele's program will be on "State Energy Plan, including the new ARRA stimulus programs". Michele's bio is listed below.

Education and Training

Degree	Institution	Major
M.S.	University of Colorado, Denver, CO	Civil Engineering
B.S.	South Dakota State University, Brookings, SD	Mechanical Engineering

Professional Experience

State Energy Manager, Office of the State Engineer, Bureau of Administration, State of South Dakota, Pierre, SD, 10/05 to present. Manage state energy needs for Board of Regent and State owned facilities. Obtain natural gas contract and manage the Western Area Power Administration allocation. Administer the State Energy Program funds received from the Department of Energy. Allocate grants and loans for energy conservation projects at state operated facilities.

Utility Analyst, Public Utilities Commission, State of South Dakota, Pierre, SD, 1/99 to 10/05. Analyze transmission and generation siting applications. Evaluate Investor Owned Utility rate increase requests. Point of contact on electric issues, including, territory boundary change requests, wind interconnection, small quantity generators, and various other tariff issues.

Engineer, Air Quality Program, Department of Environment and Natural Resources, State of South Dakota, Pierre, SD, 8/93 to 1/99. Evaluate air quality permit applications for major and minor source facilities. Implement Title V, Prevention of Significant Deterioration, Maximum Achievable Control Technology programs. Inspect permitted facilities to verify operation complies with permit limitations. Major sources responsible for included, electric generation facilities, ethanol plants, concrete batch plants, and various manufacturing facilities.

Staff Engineer, RUST Environment and Infrastructure, Denver, CO 4/91 – 8/93. Consulting Engineer for various CERCLA and RCRA projects. Assist in the Record of Decision feasibility studies for the reclamation of the Rocky Mountain Arsenal and Lowry Air Force Base in Denver, CO. SARA Title III evaluation and development of an emergency operations manual for the United States Air Force Academy in Colorado Springs, CO.

Stress Analyst, Martin Marietta Astronautics, Denver, CO 8/87/4/91. Analyze mechanical equipment on classified DOD project.

States in Which Registered

Professional Engineer, State of SD, License #5773, 1994

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2009-2010 Program and Technical Session Schedule

President Brent Tjeerdsma	Date: September 2, 2009 – Program – 11:30 AM Program: Michele Farris, P.E. – State Energy Manager – American Recovery and Reinvestment Act (ARRA) in South Dakota
President Elect Mark Grebner	
Vice President Steve Gaspar	Date: October 7, 2009 – Technical Session – 2:30-4:30 PM Program: Rad Ganesh, PhD, P.E. – Twin City Fan – Fan Fundamentals and System Effects
Secretary Greg Hintgen	
Treasurer Bob Everson	Date: October 7, 2009 – Program – 6:00 PM Program: Rad Ganesh, PhD, P.E. – Twin City Fan – Selecting the Right Fan
1st Board Member Rob Marshall	Date: November 4, 2009 – Technical Session – 2:30-4:30 PM Program: <i>Gordon Holness, PE – ASHRAE Society President</i> – ASHRAE Standard 100
2nd Board Member Michael Thompson	Date: November 4, 2009 – Program – 6:00 PM Program: <i>Gordon Holness, PE – ASHRAE Society President</i> – Energy Efficiency in Existing Buildings
3rd Board Member Open	
Membership Kirby Quamen	Date: December 2, 2009 – Program – 11:30 AM Program: Art Halstrom, P.E. – Trane/ASHRAE Fellow – ASHRAE Energy Labeling Program
Student Activities John Schwartz	
CTTC Rob Marshall	Date: January 6, 2010 – Program – 11:30 AM Program: T.B.D.
Historian Kurt Bassett	Date: March 3, 2010 – Technical Session – 2:30-4:30 PM Program: Timothy Wentz, P.E. – Univ. Nebraska – T.B.D.
Honors & Awards Bob O'Connor	Date: March 3, 2010 – Program – 6:00 PM Program: Timothy Wentz, P.E. – Univ. Nebraska. – T.B.D.
Research Promotion Stuart Oster	Date: April , 2010 – Program – 6:00 PM Program: T.B.D.
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