



THE SQUIRREL CAGE —ALAMO ASHRAE

ASHRAE - ALAMO CHAPTER #65

SAN ANTONIO, TX

ISSUE: SEPTEMBER 2011 / VOLUME LI NO. 3

ALAMO ASHRAE PRESIDENT'S MESSAGE

Alamo ASHRAE,

Welcome to September in South Texas...Our weather is still breaking 100 °F! Good thing modern air conditioning was invented almost 110 years ago to keep us cool and comfortable indoors!

I have received comments that the Kickoff Party was a good time and good food! This was just the first of many great events we are planning for this year. Keep an eye out for other events to come such as a Fall Poker Night and the Holiday Social in December. Hope to see you all there!

Most importantly, don't miss the first Chapter meeting of the year! The September meeting will feature a knowledgeable speaker on commissioning, Mr. Woody Thompson of RS&H. In addition we will have a special guest, Mr. John Harrod, the ASHRAE Region VIII Director and Regional Chair.

RSVP now for the meeting on Tuesday September 20th at Oak Hills Country Club. Looking forward to seeing you all at the meeting!

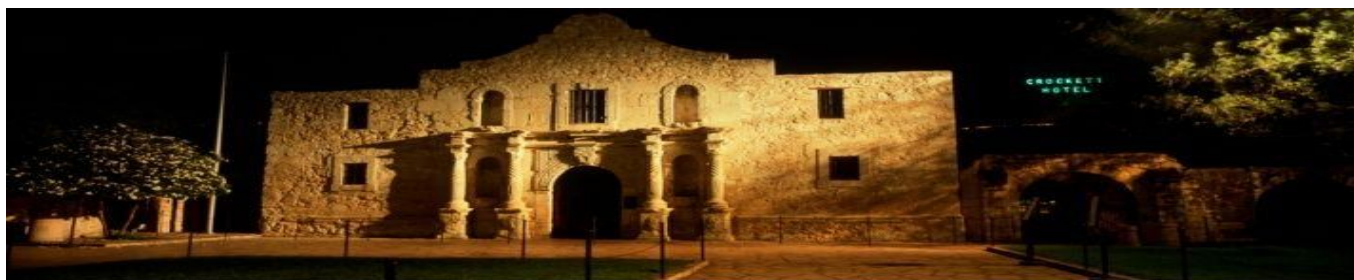
Sincerely,

Jennifer King, PE, LEED AP
2011-2012 Alamo ASHRAE President



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ASHRAE TRAINING & PUBLICATIONS ADVERTISEMENT

ASHRAE Learning Institute 2011 Fall Online Course Series

2 WAYS TO REGISTER

Internet: www.ashrae.org/onlinecourses

Phone: Call toll-free at 1-800-527-4723 (US and Canada) or 404-636-8400 (worldwide)

Note: You may register up to 24 hours prior to an online seminar. Courses are in US Eastern Standard Time.



Basics of High-Performance Building Design
Mon, September 19, 2011 – 1:00 pm to 4:00 pm EST

Advanced High-Performance Building Design
Wed, September 21, 2011 – 1:00 pm to 4:00 pm EST

Fundamental Requirements of ASHRAE Standard 62.1-2010
Mon, September 26, 2011 – 1:00 pm to 4:00 pm EST

Complying with Standard 90.1-2010: HVAC/Mechanical
Thurs, September 29, 2011 – 1:00 pm to 4:00 pm EST

Complying with Standard 90.1-2010: Envelope/Lighting
Mon, October 3, 2011 – 1:00 pm to 4:00 pm EST

Healthcare Facilities: Best Practice Design
Mon, October 31, 2011 – 1:00 pm to 4:00 pm EST

Healthcare Facilities: Best Practice Application
Wed, November 2, 2011 – 1:00 pm to 4:00 pm EST

Evaluating the Performance of LEED-Certified Buildings
Mon, November 7, 2011 – 1:00 pm to 4:00 pm EST

Project Management for Improved IAQ
Wed, November 9, 2011 – 1:00 pm to 4:00 pm EST

The following courses are comprised of two parts. Registrants must attend both parts in order to receive CEU/DPH credits. Archiving is available.

Data Center Energy Efficiency – Part 1
Mon, October 10, 2011 – 1:00 pm to 4:00 pm EST

Data Center Energy Efficiency – Part 2
Wed, October 12, 2011 – 1:00 pm to 4:00 pm EST

Using Standard 90.1 to Meet LEED Requirements – Part 1
Mon, October 17, 2011 – 1:00 pm to 4:00 pm EST

Using Standard 90.1 to Meet LEED Requirements – Part 2
Wed, October 19, 2011 – 1:00 pm to 4:00 pm EST

Implementing Standard 189.1 for High-Performance Green Buildings – Part 1
Mon, October 24, 2011 – 1:00 pm to 4:00 pm EST

Implementing Standard 189.1 for High-Performance Green Buildings – Part 2
Wed, October 26, 2011 – 1:00 pm to 4:00 pm EST



ASHRAE HVAC Design Essential Workshop

January 11-13, 2012 • ASHRAE Foundation Learning Center • Atlanta, GA

Obtain the skills needed to:

- Improve overall building performance
- Design high-performance HVAC systems
- Effectively collaborate on an integrated design team

ASHRAE has created the HVAC Design Essentials to provide intensive, practical education for designers and others involved in delivery of HVAC services. Developed by industry-leading professionals, this workshop provides participants with training design to accelerate their evolution into effective member on a design, construction or facilities maintenance team.

In addition to gaining in-depth knowledge and understanding, attendees will receive real-world examples of HVAC systems based on the newly renovated ASHRAE Headquarters building. The workshop teaches a systematic approach to guide a design team to a solution that optimally meets the client's expectations.

Who Should Attend

- Engineers new to the HVAC industry
- Facilities managers involved in new construction or major renovation projects
- Technicians who would like to gain design knowledge
- Architects who want to understand HVAC design
- Construction project managers involved with mechanical systems



Visit www.ashrae.org/hvacdesign to register

ASHRAE Certification Programs

- Building Energy Assessment Professional (BEAP)
- Building Energy Modeling Professional (BEMP)
- Commissioning Process Management Professional (CPMP)
- Healthcare Facility Design Professional (HFDP)
- High-Performance Building Design Professional (HBDP)
- Operations & Performance Management Professional (OPMP)

For more info, visit
www.ashrae.org/certification

OFFICER'S DIRECTORY—LOCAL CHAPTER

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2012 Annual Meeting chair

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ANNUAL KICK-OFF PARTY ATTENDEES

AUGUST 16, 2011

Doug Reeves
Madison Breyer
Rocky Ormand
Manuel Lizcano
Olga Lizcano
Steve Gaeta
Scott Wunsch
Todd Buck, SR.
Jon-Erik Johnson
Shannon Novak
Bradley Gilbert
Tatiana Gilbert
Mike Voyten
Ted Liljenwall
Mike Fauver
Katie Bowen

Tyler Chapman
Martin Thomas
Raj Kapoor
Jennifer King
Tony Gonzalez
Golda Weir
Fred Gleeson
Joe Brooks
Mark Mattern
Steve Huck
Eric Johnson
Raul Garcia
Paul Naiser
Jamie Denton
Chris Pyles
Woody Thompson

Jim Rodriguez
Steven Butler
Mike Layman
James Drewry
Jeff Tabb
Mario Mijangos
Travis Mcleod
Jose Villareal
Rob Barrera

BOARD OF GOVERNORS MEETING MINUTES—AUGUST 5, 2011



September 6, 2011 -- 5:30 PM -- Texas Air Products

Presiding Officer: Jennifer King

CALL TO ORDER

ROLL CALL

OFFICER & CHAIR REPORTS

Treasurer – Shannon N

Financial Report-Checks over 90 days
Kickoff Party review ~\$800

CTTC – Brad G

Meeting Speakers/Topics-Woody
Thompson(Sept.)
Monthly luncheon sponsors
2011 Mtg. on Website

RP – Mike V

RP Drive: Start @ 1st meeting -- Sug-
gest \$25/member for research
Training status?
Poker night -TBD
Ind. Membership donation levels:
-\$100 Platinum
-\$75 Gold
-\$50 Silver
-\$25 Bronze

Student Activities – Mario M

1st Student mtg: Next week
Scholarship (2)\$500 or (2)\$1,000

YEA – Stillman J (Jennifer K)

Last meeting: 35 attendees!
Next meeting: Wed 9/21 @ 3:30PM, ADJOURN
Saltgrass Steakhouse(Riverwalk) --
VRV

Refrigeration – Raul G

Update
Refrigeration Speaker in Nov.

Sustainability – Woody T

Update on committee activities
Woody Presented @ Gov Energy
Presentation on 189.1 to come, outreach to
other org.

Historian – Manuel L

2012 Annual Meeting – Fred Gleeson

Sustainability Project submissions
Vote: Eco-Centro project passed
1st official committee meeting: Sept. 20 after
Chapter meeting
Session monitors needed! add to newsletter

Newsletter – Aaron C

**Deadline for submission to Sept. newsletter:
Fri. Sept. 9 @ noon**

Copy all RVC's on monthly newsletter
Separate 1st meeting announcement

OTHER BUSINESS

1st meeting – Oak Hills Country Club – Sept 20,
2011 11:30 AM – 1:00 PM

John Harrod (ASHRAE Director & Regional
Chair) to visit!

Presidential Award of Excellence (PAOE)

Update points
Send link

TREASURER'S FINANCIAL REPORT



Treasurer's Report- As reported by Shannon Novak (Current as of 8/31/2011)	
Checking:	\$ 11,147.99
Money Market:	\$ 8,115.86
Petty Cash:	\$ 200.00
TOTAL ASSETS:	\$ 19,463.85

ASHRAE MEETING NOTICE



MEETING INFORMATION:

Speaker : J. Woody Thompson – Commissioning

Tuesday - September 20, 2011
11:30 am—1:00 pm

Oak Hills Country Club
5403 Fredericksburg Road

Cost: \$25.00 with reservation / \$30.00 without

*Vegetarian available by prior request

Please **RSVP** to Rezaur@esaengineers.net
by the Monday before each meeting

Alamo ASHRAE thanks RS&H for sponsoring this meeting!



Mr. Thompson will give a brief discussion to compare and contrast the Commissioning and Retro-Commissioning process and how it is spurring a paradigm shift in the construction industry. What began as a tool to ensure that commercial building owners get their money's worth from design and construction professionals, commissioning (Cx) is now known to be the most cost-effective measure available for reducing energy use, lowering costs and mitigating greenhouse gas emissions in buildings. As a result of recent market trends as well as government policy aimed at capturing such benefits, the secret of commissioning and retro-commissioning is out. Continuing to overlook this cost-effective quality assurance tool could not only be unlawful, but bad business.

J. Woody Thompson is an energy and sustainability professional whose career has spanned both facets of design and construction. Mr. Thompson's position with RS&H is a Project Manager for Commissioning, LEED, and Energy projects. He has been in the construction industry for over 19 years; 11 with an AABC certified Test and Balance firm and the last eight in Mechanical Systems design as well as Total Building Commissioning and Retro-Commissioning, LEED Administration, Energy Management, and Commissioning Project Management. He holds commissioning credentials as an American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) Commissioning Process Management Professional (CPMP), and Association of Energy Engineers (AEE) Certified Building Commissioning Professional (CBCP). He is also an AEE Certified Energy Manager (CEM) and Renewable Energy Professional (REP), as well as a LEED Accredited Professional (LEED AP BD+C). Mr. Thompson holds a Bachelor of Science in Mechanical Engineering and a Bachelor of Arts in Criminal Justice from the University of Texas at San Antonio. He has given many presentations to groups concerning the Commissioning and Retro-Commissioning process, to include 2011 GovEnergy Conference in Cincinnati, Ohio and at the 2010 World Energy Engineering Congress in Washington, D.C. He is also published in the technical journal "Strategic Planning for Energy and the Environment". Mr. Thompson is recognized by the Association of Energy Engineers as a "Legend in Energy", conferred in 2010.



2012 ASHRAE Annual Meeting

Stay Tuned For More Details:

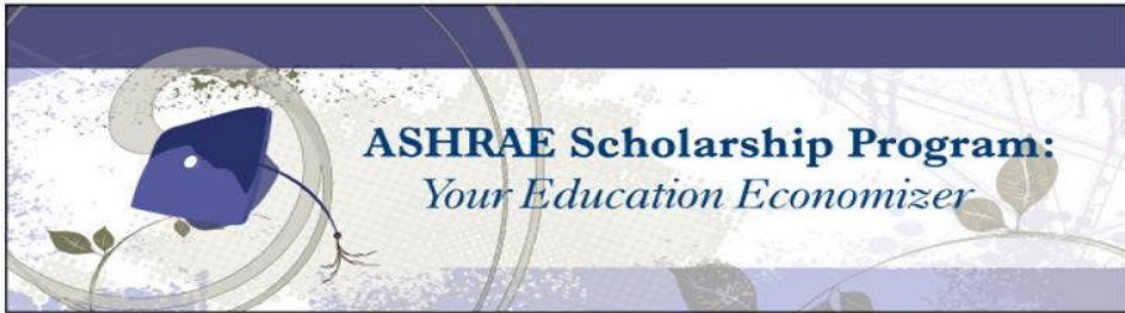
The 2012 ASHRAE Annual Meeting will be in San Antonio next June!

Committee chairs are needed for the following activities:

- General Chair – Fred Gleeson
- Hospitality Chair – Golda Weir
- Session Chair – Bill Klock
- Entertainment Chair – Jim Rodriguez
- Tours Chair – Rocky Ormand
- Information / Publicity Chair – Shannon Novak
- Honorary Chairman – tbd

For more information, contact:

Fred Gleason—Fred.Gleeson@eeiengineers.com



In the HVAC&R industry, economizers are used to reduce heating and cooling costs. The ASHRAE scholarship program also serves as an economizer, helping reduce the financial burdens of obtaining your engineering education. Without you, the future leaders of the HVAC&R industry, we at ASHRAE wouldn't be able to do what we do. So through our scholarship program, we aim to help you do what *you* do—learn.

ASHRAE has awarded nearly 200 scholarships during the past 20 years totaling more than \$1 million. Nearly \$80,000 in scholarships is available for the 2012–13 academic year. Applications are now being accepted for ASHRAE's 2012–2013 undergraduate engineering, regional and university specific scholarships.

www.ashrae.org/scholarships



"ASHRAE's scholarship has helped me cover my tuition expenses and materials, giving me the opportunity to satisfactorily fulfill my undergraduate degree. Not only has the help been economical, but it also helped me develop a genuine interest in this field. With this aid, I only have to focus on being well prepared so I can become a change agent within the HVAC&R industry. For these reasons I'm extremely grateful to ASHRAE and hope they'll continue supporting future engineers."

Jacob Vazquez, ITESM (Instituto Tecnológico y de Estudios Superiores de Monterrey) (Mexico), Region VIII Scholarship



"The Reuben Trane scholarship has solidified my involvement in the HVAC industry and has been instrumental in financing my education. It has opened doors for me to further integrate ASHRAE into my educational experience. As well, it has sparked the creation of the first McMaster University ASHRAE Student Branch, bringing my education even closer to the tremendous support and resources available through the ASHRAE network. I look forward to a long career in the HVAC industry."

Benjamin Oliver, McMaster University (Canada), Mechanical Engineering and management, Reuben Trane Scholarship

Application deadlines

Dec. 1, 2011—undergraduate engineering, regional and university-specific scholarships

May 1, 2012—undergraduate engineering technology scholarships and high school seniors scholarships



Other great resources to help you in engineering your future can be found at the [ASHRAE StudentZone](http://www.ashrae.org/StudentZone)