



# ASHRAE San Diego Newsletter



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

REGION X

Volume 2, Issue 4

[www.ashraesd.org](http://www.ashraesd.org)

April 2010

## Board of Governors Nominations

Look for an email with all of the board of governors nominations in the next couple of weeks. Please respond with your nominations so they can be inducted in the June Awards Banquet/Dinner.

## Dates to Remember

April 13: ASHRAE San Diego Chapter Meeting  
April 21: Web Broadcast: Right from the Start-Commissioning for High Performing Buildings  
April 22: SDSU Earth Day Fair  
June 11: ASHRAE San Diego Golf Tournament  
July 31: YEA Padres Game and Tailgate

SEE [WWW.ASHRAESD.ORG](http://WWW.ASHRAESD.ORG) FOR MORE INFORMATION!

## YEA Events

Kevin Blankemeier will be helping out and taking over as YEA Chair as Dan moves on to Chapter Vice President. Dan has done a wonderful job with YEA San Diego, and deserves big thanks for making it is what it is today. Please look for emails with upcoming events. If you would like to be added to the distribution list please contact Kevin at [kblankemeier@ecscontrols.com](mailto:kblankemeier@ecscontrols.com).

## INSIDE THIS ISSUE

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- 7 12<sup>th</sup> Annual Conservation & Hunting Heritage Banquet

## Message from Our President

**Walter Houle**

Electronic Control Systems, Inc.

Greetings all. Spring is here and things are getting busier. It's good to see. Here's what's been going on lately:

We had a great meeting on March 10th on HVAC Acoustics. It was both interesting and well attended, and it was nice to see so many of our North County members attending.

Our April meeting is on Radiant Heating and Cooling. It will be at The Butcher Shop at 11:30 AM Tuesday the 13th. Hope to see you there.

Nominations for our 2010 – 2011 Board of Governors are now officially open. The San Diego ASHRAE Chapter is a volunteer organization and it's been quite an honor for me to serve it. If you're thinking of getting involved in our chapter, now is the time. Please see the details in this newsletter.

ASHRAE recently launched a nice feature on their website called [myashrae.org](http://myashrae.org). It lists your member benefits and resources available in a simple format and is a quick way for you to see what's available. Please take a look. URL format is <http://firstnamelastname.myashrae.org>.

Last call for the 2010 ASHRAE Technology Awards Program. There's still a little time to submit an application but the deadline is here. If you were thinking of submitting one of your designs please do so now.

Also, don't forget the ASHRAE Webcast April 21st on Commissioning for High Performance Buildings.

As always, thank you for your support.

*Walter Houle*

**Need a Job? Looking for a New Hire?**  
**Make sure you check out**  
**[www.ashraesd.org](http://www.ashraesd.org) for local job and**  
**resume postings!**

## March YEA Happy Hour Pictures



## Membership Roster

Over the years, the ASHRAE Membership Roster has been an invaluable reference for those of us in San Diego's HVAC community. As we did last year, we are offering the roster in an electronic format, with embedded "search" and "hot links" to products, manufacturers, and sales representatives. This format will allow you to reach your customers much more effectively.

A Products and Services section is also included in the Roster to provide additional listings for your business. Product categories such as air handlers, boilers, filters, building control systems, or any other category suitable to your business will be listed. Advertisers selling a particular product or service will be listed under corresponding headings. Your advertisement can also include a link to your firm's Web site and links to the manufacturers that you represent.

Roster advertisements sizes available:  
 Business Card - \$100: Includes a business card sized ad and one listing in the Products & Services section.  
 Half Page - \$150: Includes a half page sized ad and four listings in the Products and Services section.  
 Full Page - \$200: Includes a full page sized ad and an unlimited number of listings in the Products and Services section.

If you would like to advertise in the 2010 ASHRAE Roster, please contact Dan Noto ([d.noto@united-mechanical.com](mailto:d.noto@united-mechanical.com)) immediately to reserve your space and to receive the artwork specifications for your advertisement. Thank you for supporting ASHRAE.

**Devin A. Abellon, P.E.**  
 Business Development Manager  
 Engineering Services

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 Cell: (760) 902-4879  
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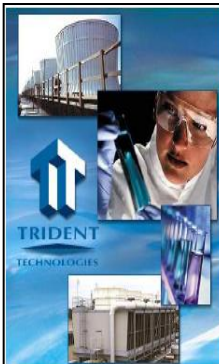
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## April Chapter Meeting Radiant Heating & Cooling

Presented by William Shady PE

Bill is a licensed consulting mechanical engineer with 25 years of experience in aerospace, commercial, industrial, and residential HVAC and facilities engineering. As a certified installer, designer and instructor for the Radiant Panel Association, Bill has been involved in hundreds of projects. The past 10 years have been focused on bringing renewable energy systems including solar thermal/power and HVAC with radiant hydronic heating and cooling to estate homes and commercial buildings. With a diverse experience as a consulting engineer, installing contractor, and most recently in product development, he brings a comprehensive approach to design development and delivery of complex systems.

Tuesday, April 13, 2010

11:30-12:00: Sign In

12:00-12:10: Introductions & Announcements

12:10-1:10: Lunch & Speaker

1:10-1:20 Raffle & Adjourn

The Butcher Shop

5255 Kearny Villa Rd, San Diego, CA 92123

Please RSVP by calling or emailing your reservation to:  
Heather O'Donnell (858) 391-7014 or  
Heathero@climatec.com

## San Diego Breath of Hope 5k Walk

Interested in walking with some other ASHRAE members in a 5k walk supporting lung cancer?

If so, join us at <http://sdbreathofhope.kintera.org/sne11a>.

Lung cancer is the leading cause of cancer death in both men and women and in every ethnic group. Your support will help with lung cancer research, education, patient support, and more.



For more information about upcoming meetings and events go the San Diego ASHRAE website: <http://www.ashraesd.org>. Also, Found on the website is employment opportunities, membership information, committee information, the San Diego chapter monthly newsletter, links to the national ASHRAE Website, and much much more!



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Fax: 858-427-1608

## 2010 OFFICERS & CHAIRS

### OFFICERS:

**President:** Walter Houle  
ECS Controls Inc  
12520 Kirkham Court Suite 7  
Poway, CA 92064  
[whoule@ecscontrols.com](mailto:whoule@ecscontrols.com)

**President-Elect:** Mark Richards,  
P.E.  
Emery Mechanical Engineering  
6653 Cowles Mountain Blvd  
San Diego, CA 92119  
(619) 464-5348  
[mark@emeng.com](mailto:mark@emeng.com)

**Vice-President:** Dennis Christie  
Climatec, Engineered HVAC  
Solutions  
13715 Stowe Drive  
Poway, CA 92064  
(858) 391-7000  
[dennisc@climatec.com](mailto:dennisc@climatec.com)

**Secretary:** Daniel Noto, P.E.  
United Mechanical Consultants, Inc.  
7405 Charmont Drive, Unit 2328  
San Diego, CA 92122  
(858) 550-1454  
[d.noto@united-mechanical.com](mailto:d.noto@united-mechanical.com)

**Treasurer:** Rebecca Haehn  
Trident Technologies  
7425 Mission Valley Rd. Suite 207  
San Diego, CA 92108  
(619) 688-9600  
[rhaehn@tridenttech.com](mailto:rhaehn@tridenttech.com)

### BOARD OF GOVERNORS:

Mark Bender, P.E. Past-President  
Rafael Guillen  
Gerald Hartford, P.E.  
Heather Schopplein  
Hugh Egan  
Mark Silke  
Eric Glatzl, P.E.

### COMMITTEE CHAIRS:

**Attendance/Reception:**  
Heather O'Donnell

**Auditing:**  
C.J. (Jim) McKinley, P.E.

**Finance:**  
Rebecca Haehn

**Historian:**  
Terry Erickson

**Honors and Awards:**  
Mark Bender

**Membership:**  
Eric Glatzl, P.E.

**Mentoring:**  
Bill Regan

**Website:**  
Bruce Brown

**Newsletter:**  
Heather Schopplein

**Nominating Committee:**  
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**PAOE:**  
Mark Richards, P.E.

**Programs/CTTC:**  
Walter Houle

**Publicity/Welcome:**  
Cindy Hyatt

**Refrigeration:**  
George Misleh

**Research Promotion:**  
Hugh Egan

**Special Events:**  
Mark Silke

**Student Activities:**  
Gerald Hartford, P.E. (UCSD)  
Rafael Guillen (SDSU)

**TEGA:**  
Walter Houle

ASHRAE San Diego  
Foundation

### BOARD OF DIRECTORS

Mike Frazier  
Jim McKinley  
Bill Reagan  
Chuck Poindexter  
Mark Bender, PE



## Personalized URLs

Kim Fulcher  
ASHRAE Marketing Specialist

For the past year, ASHRAE has been working with a vendor to create Personalized URLs (PURLs) for a small segment of our database in order to engage and inform them of resources, events and more that may be of interest. Last month, we reached out to all of our membership to further widen our net with this marketing effort. I hope you all received your personalized web page last month.

The personalized URLs for April will be going out around the middle of this month. The first announcement in these PURLs after the opening message will be a call out to the members to visit their chapter's website with a link directly to the site. If you have any upcoming events you want to promote in this opening message, please feel free to send them to me by the middle of next week. Also, if you want to promote your next meeting or event, you might want to make sure your home page has this information displayed prominently.

If you have any questions, please don't hesitate to contact me. My hope is that all of the chapter websites will be flooded with new visitors!

Thanks!

## Letter from the Editor

Heather Schopplein  
E&A Engineering/EMSI

### Would you like to promote your company thru the newsletter?

Get a free month post when you contribute to the newsletter. If you would like to contribute, please email your submission by the 24th of the month. Email any questions/comments to [hschopplein@gmail.com](mailto:hschopplein@gmail.com).

Or you can advertise as follows:  
Business Card 6 Issues; \$80  
Business Card 12 Issues; \$140  
Half Page (4.9" tall x7.25" wide) Ad 1 Issue; \$50  
Half Page (4.9" tall x7.25" wide) Ad 3 Issues; \$125  
Full Page (9.8" tall x7.25" wide) Ad 1 Issue; \$100  
Full Page (9.8" tall x 7.25" wide) Ad 3 Issues; \$250

**Submissions:** Due by 24th of the month for inclusion in the newsletter issued on the 1<sup>st</sup>. Email submissions to: [hschopplein@gmail.com](mailto:hschopplein@gmail.com) please include "ASHRAE SD Newsletter Ad" in the subject line.

# MARCH MTG PICTURES



# ASHRAE Learning Institute

## Spring 2010 Online Course Series

### 2 WAYS TO REGISTER

**Internet:** [www.ashrae.org/onlinecourses](http://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.



**Introduction to Thermal Energy Storage Systems for A/C**  
Wednesday, April 7, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Using Standard 90.1 to Meet LEED Requirements**  
Monday, April 26, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Standard 90.1-2007: HVAC/Mechanical**  
Monday, April 12, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Introduction to Cleanroom Design**  
Wednesday, April 28, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Energy Management in New & Existing Buildings: A Sustainable Activity**  
Wednesday, April 14, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**District Cooling & Heating Systems: Central Plants**  
Monday, May 3, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Standard 90.1-2007: Envelope/Lighting**  
Monday, April 19, 2010 – 1:00 p.m. to 4:00 p.m. EDT

**Complying with Requirements of ASHRAE Standard 62.1-2007**  
Wednesday, May 5, 2010 – 1:00 p.m. to 4:00 p.m. EDT



**Understanding & Designing Dedicated Outside Air Systems (DOAS)**  
Monday, May 10, 2010 – 1:00 p.m. to 4:00 p.m. EDT

## Hot Products from ASHRAE

A leader in HVAC&R technology, ASHRAE publications cover topics that impact every facet of the environment, both indoors and out.

### Latest Publications from ASHRAE!

- ☐ *Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings* (A Jurisdictional Compliance Option of the IGCC)
- ☐ *ASHRAE Handbook Online* – Web-Based access to all 4 volumes
- ☐ *ASHRAE Pocket Guide* – Useful information that fits in a shirt pocket
- ☐ *IAQ Guide: Best Practices for Design, Construction and Commissioning*
- ☐ *Load Calculation Applications Manual*

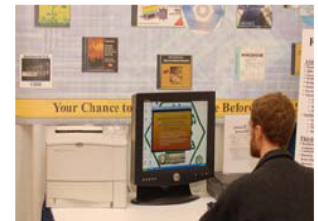
### Other Products from ASHRAE!

- ☐ *Energy Efficiency Guide for Existing Commercial Buildings*
- ☐ *Dampers and Airflow Control*
- ☐ *Building Information Modeling Guide*
- ☐ *Advanced Energy Design Guide for Small Hospitals and Healthcare Facilities*
- ☐ *Principles of Heating, Ventilating, and Air Conditioning* – Textbook based on the 2009 ASHRAE Handbook - Fundamentals

Visit [www.ashrae.org/bookstore](http://www.ashrae.org/bookstore) to learn more about these and other outstanding ASHRAE publications!

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# ASHRAE San Diego Announces Greater San Diego Science and Engineering Fair Winners

**Bill Reagan**

Q Applied Systems

The ASHRAE San Diego Chapter has announced three winners in the 56<sup>th</sup> annual Greater San Diego Science and Engineering Fair. After nearly a full year of preparation, students from 7<sup>th</sup> through 12<sup>th</sup> grade throughout San Diego County gather to exhibit their science and engineering projects in the annual competition. Three students were recognized by ASHRAE San Diego as having outstanding exhibits that promotes the HVAC&R arts and sciences. The chapter will present each team with an award certificate and a \$200 saving bond. The chapter will also make an additional \$400 donation to each of the winner's schools to help prepare students for next years engineering fair. Many thanks to chapter members Hugh Eagan of Air Treatment Corporation, Jamie Smith of Bender Dean Engineering and Dan Noto of United Mechanical Consultants who volunteered as judges for this year's event.

In addition to the science fair, the chapter also participates in MathCounts as well as offers annual college level scholarships. The chapter's long term charitable financial goals are managed by the ASHREA San Diego Foundation.

Winner	School	Project Title
Adrianna Oliver, 7 <sup>th</sup> Grade	Nazareth School	"Which provides better cooling, insulative or reflective materials?"
Enrique Garcia & Juan Rodriguez, 12 <sup>th</sup> Grade	Lincoln High	"Ecological Sustainability"
Liam Ballantyne, 7 <sup>th</sup> Grade	School of Madeleine	"Got Speed??? How Much Voltage Affects the Speed of an Electric Motor?"

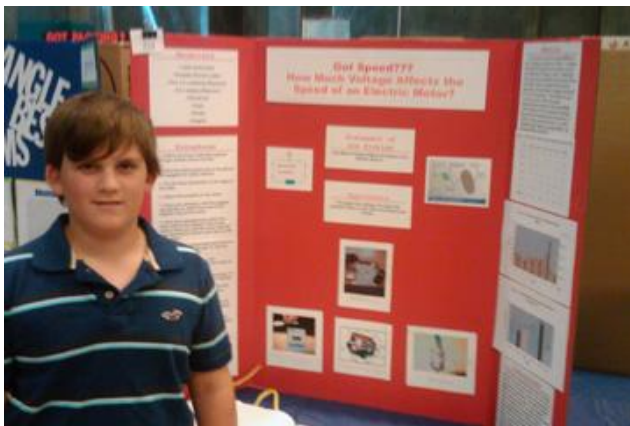
## Links about the GSDSEF

Organization: <http://www.gsdsef.org/>

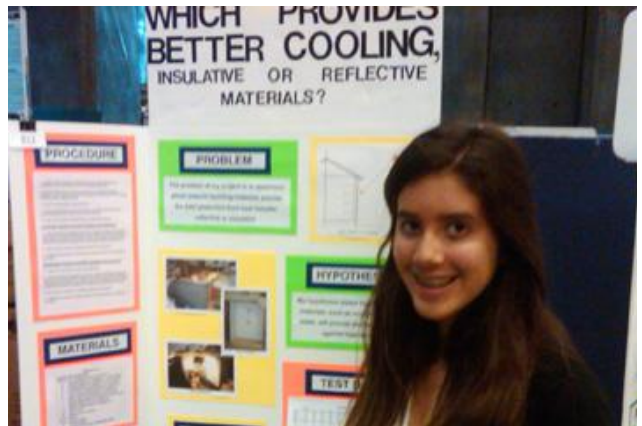
Times Union: <http://www.signonsandiego.com/news/2010/mar/27/a-showcase-for-astonishing-talent/>

ASHRAE San Diego: <http://www.ashraesd.org/>

Google search: "Greater San Diego Science and Engineering Fair"



Liam Ballantyne



Adrianna Oliver



Enrique Garcia & Juan Rodriguez



## San Diego NWTF



**What: 12<sup>TH</sup> ANNUAL CONSERVATION & HUNTING HERITAGE BANQUET**

**When: Saturday May 15<sup>th</sup>, 2010**  
Doors open at 4:00 PM; Dinner at 6:00 PM

**Where: Barona Valley Ranch Resort & Casino, Convention Center**  
1932 Wildcat Canyon Road, Lakeside, CA 92040, Valet Parking

***Exclusive Early Bird Raffle for 2010 Benelli Supernova 12GA.***

Events: Door Prizes, Raffles, Live & Silent Auctions

Please return ticket request form below no later than May 6<sup>th</sup>, 2010.

For more information call Bob Fusco (619)507 7990 ([rlf494@gmail.com](mailto:rlf494@gmail.com))

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Email Address: \_\_\_\_\_

Banquet Ticket Purchase: (table packages available, call Bob)

<u>EARLY BIRD RAFFLE TICKET PACKAGE</u>	<u>PRICE</u>	<u>NUMBER</u>	<u>TOTAL</u>
\$100 package/discount:	\$ 80.00		
\$200 package/discount:	\$ 160.00		
\$300 package/discount:	\$ 240.00		

<u>BANQUET TICKET</u>	<u>PRICE</u>	<u>NUMBER</u>	<u>TOTAL</u>
Single NWTF	\$ 75.00		
Couple	\$ 120.00		
Jakes (17& younger)	\$ 35.00		
Wheeling Sportsmen	\$ 75.00		
Women in the Outdoors	\$ 75.00		
Sponsor(inc. \$200 raffle pack, sponsor gun raffle, and more)	\$ 300.00		

Make checks payable to: NATIONAL WILD TURKEY FEDERATION, INC.

Mail to: Dane Oates, 4539 Jutland Drive, San Diego, CA 92117

TOTAL: \_\_\_\_\_