

**Cincinnati ASHRAE News**

A monthly publication of the Cincinnati Chapter of the American Society of Heating, Refrigeration & Air Conditioning Engineers

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Clint Schwartz

It's hard to believe that April is already here...hopefully Spring will be following close behind! This month we have a great topic that affects almost every project...acoustics. For many, the topic of acoustics is one that is not very well understood so I hope many will benefit from this.

As I look ahead, the month of May is also fast approaching which means our annual golf outing is almost here. This year we are planning a great outing at Clovernook which is a course that I don't believe we have used before. I hope everyone will attend and consider some sort of sponsorship as we would really like to ramp of the fun this year. More details are in the golf flyer but we would really like to see for instance companies that sponsor a hole come up with some sort of fun game or other similar idea to apply to the hole. Let's really ramp up the creativity this year!!

I look forward to seeing everyone at the meeting next week!

## **THANK YOU TO OUR 2012-2013 ASHRAE SPONSOR BOARD COMPANIES**

**ACOUSTITHERM**

**APPLIED MECHANICAL SYSTEMS**

**BLACKMORE & GLUNT**

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**NIBCO**

**PEDCO E & A SERVICES, INC**

**SPEARS MECHANICAL SYSTEMS, INC.**

**TRANE**

Another thank you to the following companies that have already signed up to be a 2013-2014 ASHRAE Sponsor:

**KZF DESIGN**

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**PEDCO E & A SERVICES, INC.**

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### **Speaker: Randy Zimmerman**

Job Title: TITUS Chief Engineer

Job Experience: (29) Years in HVAC Product Engineering and Research/Development

Education: Bachelor of Science in Mechanical Engineering, Texas Tech University, 1983

Member ASHRAE TC 2.6 'Sound and Vibration Control'

Secretary ASHRAE TC 5.3 'Room Air Distribution'

Member ASHRAE TRG 7 'Underfloor Air Distribution Design Guide'

Member ASHRAE SPC 130 'Methods of Testing Air Terminal Units'

Member ASHRAE SPC 195 'Method of Test for Rating Air Terminal Unit Controls'

Member ASHRAE SPC 200 'Method of Test for Chilled Beams'

Member AHRI Engineering and Compliance Committees

Member USGBC

LEED Green Associate

## **ASHRAE RP April newsletter**

As the end of our lunch season approaches, so is the 2012-2013 Research promotion campaign. Thank you to those individuals who have already made a donation. Remember it only takes \$100 from an individual or \$150 for a company to make the ASHRAE honor roll. I would like to thank the following companies who have joined in the effort this year; Dyer Equipment Sales Inc, Century Mechanical Solutions Inc, Debra-Kuempel, Priority 111 Insulation, Habegger Corporation and Systecon Inc.

Please consider making a donation today to help fund research projects in our area and other parts of the country. Currently there are \$2.3 million of research funds assigned to the Region V area, or almost 15% of total Society budget. If it wasn't for donations to ASHRAE research we wouldn't have many of the standards, guidelines, design guides, and handbooks we have today.

To donate visit the ASHRAE website or send a check made out to ASHRAE Research Promotion and mail to ASHRAE RP, 1791 Tullie Circle, Atlanta, GA 30329. When mailing a check please included your Member number and/or name and Full address including your phone number. Including this information will help ASHRAE send you an acknowledgment for your donation.

Thanks

Joe Zirkelbach

2012-2013 RP Chair

**SAVE THE DATE**

**April 18, 2013**

**1:00 pm – 4:00 pm EDT**

**FREE ASHRAE Webcast**

*Assessing Building Energy Performance:  
From Principles to Practice*

This webcast will feature industry experts who will explain the importance of building energy performance and its far-reaching implications in both new and existing buildings. Viewers will also learn about the various tools and approaches that are available, as well as the many opportunities that assessing building energy performance presents.

This **FREE** webcast program will broadcast live via the internet.

## 2012-2013 Calendar of Events

- |                   |  |
|-------------------|--|
| October 9, 2012   | <b>Monthly Members Meeting - Luncheon</b><br>ASHRAE bEQ Program<br>Speaker : T. David Underwood, ASHRAE DL                                   |
| November 13 2012  | <b>Monthly Members Meeting - Luncheon</b><br>Humidity Control Design<br>Speaker: Lew Harriman, ASHRAE DL                                     |
| December 11, 2012 | <b>Monthly Members Meeting - Luncheon</b><br>Holiday Luncheon<br>Speaker: Paul Daugherty - Cincinnati Enquirer Sports Columnist              |
| January 15, 2013  | <b>Monthly Members Meeting - Luncheon</b><br>Stratified Air Ventilation Systems<br>Speaker – Kishor Khankari, ASHRAE DL                      |
| February 12, 2013 | <b>Monthly Members Meeting – Luncheon</b><br>Impact of Diffuser Inlet Conditions on Overhead Mixing Air Distribution<br>Speaker: Jerry Sipes |
| March 12, 2013    | <b>Monthly Members Meeting - Luncheon</b><br>VRF Presentation<br>Speaker : Matt Bennett  |
| April 9, 2013     | <b>Monthly Members Meeting – Luncheon</b><br>HVAC Acoustics<br>Speaker : Randy Zimmerman   |
| May 13, 2013      | <b>Spring Golf Outing</b>  |



# ASHRAE CINCINNATI CHAPTER MEETING RSVP FORM

\_\_\_\_\_  
Name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Phone Number

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

**Will be attending the ASHRAE Cincinnati Chapter meeting on:**

**DATE:** April 9, 2013

**TIME:** 11:30am

**PLACE:** Crowne Plaza  
5901 Pfeiffer Road  
Cincinnati, OH 45242

**COST:**

\_\_\_\_\_ \$30.00 ASHRAE member  
(\$5.00 discount if RSVP by deadline)

\_\_\_\_\_ \$35.00 Non-Member  
(\$5.00 discount if RSVP by deadline)

\_\_\_\_\_ \$10.00 Student

**TOPIC:** Sound Advice  
Speaker : Randy Zimmerman

**FAX TO:** *Laura Kamphaus (513) 481-5361*  
*Or Email: laurakamphaus@zoomtown.com*

**Registration deadline NOON Friday, APRIL 5, 2013**  
Remember to honor your reservations. No shows will be billed by ASHRAE

APRIL, 2013

# CINCINNATI CHAPTER ASHRAE 2013 GOLF OUTING

## Clovernook Country Club

JOIN IN ON THE FUN AND RAISE MONEY FOR ASHRAE  
RESEARCH!!

DATE: Monday, May 13<sup>th</sup>

TIME: 11:30 AM Lunch followed by golf at 1:00 PM and dinner  
following

COST: \$130.00/Per Golfer

LOCATION: Clovernook Country Club  
2035 W. Galbraith Road  
Cincinnati, OH 45239  
Ph: 513.521.0333



### ENTRY FEE INCLUDES;

- Grill out lunch before Tee Off
- 18 Hole Scramble
- Refreshments
- Dinner following golf
- Each participant receives a guest card to come back and play again up to four players at \$50 each including cart

### PRIZES:

- 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Place Teams
- 2 – Long Drives
- 2 – Closest to the Pin
- 1 – Long Putt
- Door Prizes



# SPONSORSHIPS

## **HOLE SPONSORS - \$125.00 EACH**

- We encourage our members to sponsor a hole and set up an information table to promote your company and products and hold a contest of your own!!!

## **BEVERAGE CART SPONSOR - \$200.00**

- ASHRAE will Provide the Sign as long as a Logo is Provided

***DOOR PRIZE DONATIONS NOW BEING  
ACCEPTED***



# REGISTRATION

<u>Name: (Sponsor in first place please)</u>	<u>Email or Phone</u>	<u>Dinner &amp; Golf \$130.00/each</u>
1. _____	_____	_____
2. _____	_____	_____
3. _____	_____	_____
4. _____	_____	_____
	Mulligans @ \$5.00 Each	_____
	Max. (4) per person	
	<b>Total</b>	_____

Please mail your payment and RSVP form to:

Laura Kamphaus  
Cincinnati ASHRAE Chapter  
2848 Ratterman Ave  
Cincinnati, OH 45211

Phone: 513.481.5361

Fax: 513.481.5361

Email: [lurakamphaus@zoomtown.com](mailto:lurakamphaus@zoomtown.com)

\*\*Please make check payable to "Cincinnati Chapter ASHRAE"

If you would like to donate a door prize, please indicate below:

Door Prize 1: \_\_\_\_\_ Donor Name: \_\_\_\_\_

Door Prize 2: \_\_\_\_\_ Donor Name: \_\_\_\_\_

Door Prize 3: \_\_\_\_\_ Donor Name: \_\_\_\_\_

Door Prize 4: \_\_\_\_\_ Donor Name: \_\_\_\_\_

If you would like to be a Sponsor, please indicate below:

Hole Sponsor      Company Name: \_\_\_\_\_ \$125.00

Beverage Cart      Company Name: \_\_\_\_\_ \$200.00

ALL NO-SHOWS WILL BE BILLED BY ASHRAE

## Golf Course Tour

18 Holes, Par 71



### Front 9

Hole	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	Set
<b>Black</b>	475	420	395	229	555	174	401	155	467	3271
<b>Blue</b>	460	400	370	220	527	163	378	137	453	3108
<b>White</b>	440	380	350	210	497	158	368	130	428	2951
<b>Yellow</b>	440	341	291	200	497	150	360	123	428	2830
<b>Men's Par</b>	5	4	4	3	5	3	4	3	4	35
<b>Ladies' Par</b>	5	4	4	4	5	3	4	3	5	37
<b>Men's Hcap</b>	7	5	11	13	1	15	9	17	3	
<b>Ladies' Hcap</b>	3	7	11	17	1	15	5	13	9	

Clovernook Country Club features one of the finest Golf Courses in the Greater Cincinnati area. This golf course is not long by today's standards, but length is not what Clovernook is about. Clovernook is about the greens and the tree lined fairways.

### Back 9

Hole	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>	<u>18</u>	Set	TOTAL
<b>Black</b>	404	159	339	400	207	371	570	527	318	3295	6566
<b>Blue</b>	397	147	327	385	192	362	562	505	302	3189	6297
<b>White</b>	362	140	320	370	184	310	515	430	245	2876	5827
<b>Yellow</b>	360	133	265	365	138	310	476	400	211	2658	5488
<b>Men's Par</b>	4	3	4	4	3	4	5	5	4	36	71
<b>Ladies' Par</b>	5	3	4	4	3	4	5	5	4	37	74
<b>Men's Hcap</b>	6	18	14	8	12	10	2	4	16		
<b>Ladies' Hcap</b>	8	18	12	6	14	10	4	2	16		

Our Golf Course is one of the oldest and most unique in the Greater Cincinnati area. Originally designed in 1923 by Golf Course Architects, Langford and Moreau, Clovernook remains virtually the same. The two creeks winding throughout the course, the lake fronting both 17 and 18, the gently rolling terrain, numerous varieties of 100+ year old trees, and the lightning fast greens give our players all the challenge necessary for a great day of golf. In 2001 we underwent a bunker renovation to bring Clovernook back to the original nature of the golf course. Our recent emphasis on horticultural beauty has added the southern touch of color making Clovernook even more unique.

## Mechanical Engineer

PEDCO, a professional engineering and architecture design firm, is seeking a Mechanical Engineer to join our team. The Mechanical Engineer is responsible for the appropriate design and production of drawings, specifications, and reports required by a project, as well as quality control. The Mechanical Engineer is also responsible for staying current with the latest design practices, software and codes affecting design.

### Key Areas of Responsibility Include:

1. Interfaces with client, during all project phases, documents and communicates discussions and resolutions with project team members to align deliverables to the project scope.
2. Provides the technical direction and leadership to develop deliverables that meet client and PEDCO project criteria and to enhance PEDCO's technical capabilities.
3. Plans and manages the technical project team to deliver multiple projects within scope, schedule and budget and meet PEDCO's growth goals.
4. Implements PEDCO quality processes to deliver a project to exceed our client expectations resulting in long term relationships beneficial to the client and PEDCO.
5. Provides input to the Project Manager to allow PEDCO to win projects and meet the company's profitability criteria.

### Position Requirements:

- Bachelor degree or higher in Mechanical Engineering.
- P.E. registration in Ohio or ability to become registered in Ohio.
- A minimum of 5 years of mechanical engineering/HVAC experience in commercial and industrial buildings.
- Proficient in applying business management principles to define problems, collect data, establish facts, and draw valid conclusions.
- Proficient in applying mathematical operations for analyzing, interpreting and assessing strategic opportunities, business performance, and operational issues.

### PEDCO Benefits

PEDCO offers a comprehensive benefit package to help foster long-term security and well being. Our employee benefits include: major medical coverage, dental insurance, life insurance, 401 (k) Savings & Profit Sharing, Short-Term/Long-Term Disability, paid vacation, paid holidays, flex time/summer hours, discretionary bonuses, health savings accounts, Section 125 Plan.

### The PEDCO Mission

PEDCO's mission is to cultivate long-term partnerships by engaging employees with a passion for customer service, developing our technical expertise, and creating reliable building solutions, resulting in lasting success for our clients and PEDCO.

With more than 75 employees in our Cincinnati, Ohio and Fort Wayne, Indiana locations, PEDCO has been developing innovative solutions for Midwest businesses for over 31 years. Our teams of exceptional design professionals possess a solid foundation of design and technical abilities, which allow us to consistently deliver a high level of quality services. Through trusting and lasting relationships, we are focused on driving steady growth, financial success, and building the PEDCO legacy.

To learn more about PEDCO please visit: [www.pedcoea.com](http://www.pedcoea.com). Please submit your resume to [info@pedcoea.com](mailto:info@pedcoea.com).