



## February 2016 Newsletter

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### February Program: ASHRAE Standard 15: Review and Update

Douglas Reindl is a professor in the Departments of Engineering Professional Development and Mechanical Engineering at the University of Wisconsin-Madison. In addition, he is the founding director of the Industrial Refrigeration Consortium (IRC) at the UW. He received his B.S. in Mechanical Engineering Technology from the Milwaukee School of Engineering and his M.S. and Ph.D. degrees from the University of Wisconsin-Madison. He is a registered professional engineer in the State of Wisconsin and presently serves on the Board of Directors of the International Institute of Ammonia Refrigeration.

As faculty member at the University of Wisconsin since 1996, Professor Reindl has taught at all levels: undergraduate, graduate, and continuing professional development. Professor Reindl has developed an internationally-recognized series of professional development courses focused on industrial refrigeration systems with an emphasis on the safe use of ammonia as a refrigerant. Through the IRC, Professor Reindl works with some of the world's leading food companies to improve the safety, efficiency, reliability, and productivity of industrial refrigeration systems and technologies.

In addition to being an ASHRAE Fellow, Professor Reindl is also a member of the American Society of Mechanical Engineers, International Institute of Refrigeration, and the International Institute of Ammonia Refrigeration. He is a past recipient of ASHRAE's Distinguished Service Award and the first recipient of ASHRAE's George C. Briley Award for the best refrigeration article in the ASHRAE Journal. He is a past chair and member of ASHRAE's Standard 15 committee – Safety Standard for Refrigeration Systems.

Professor Reindl has published 6 books and nearly 100 technical papers on topics including: industrial refrigeration, building mechanical systems, energy systems, indoor air quality, and solar energy.

Standard 15 (Safety Standard for Refrigeration Systems) is one of ASHRAE's oldest standards dating back to 1919. The purpose of Standard 15 is to specify safe design, construction, installation, and operation of refrigeration systems. All engineers that work with building mechanical systems should have a basic understanding of this Standard and for those engineers that work closely with refrigeration or chilling systems must have a deeper understanding of this standard and its requirements. This presentation will provide a review of Standard 15 and highlight recent changes to the standard. Common misapplications of the standard will be presented and discussed.

#### **February 4<sup>th</sup> Program**

|                  |                                                                                   |
|------------------|-----------------------------------------------------------------------------------|
| <b>Location:</b> | <b>Bent River Brewing</b><br>512 24 <sup>th</sup> Street<br>Rock Island, IL 61201 |
| <b>Program:</b>  | ASHRAE Standard<br>15: Review & Update                                            |
| <b>Agenda:</b>   | 4:30-5:30 Program<br>5:30-5:45 Meeting<br>5:45-6:45 Dinner                        |
| <b>Menu:</b>     | Smoked Pork Tacos,<br>Caesar Salad & Corn<br>Bread                                |

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### Chapter Platinum Sponsors



**Please register for this meeting by Friday, January 29.**

Registration link for this month's meeting:

<https://www.eventbrite.com/e/february-chapter-meeting-distinguished-lecturer-tickets-20682189987>

If you are not a member of the Mississippi Valley ASHRAE Chapter, we would still like to you attend. An entry fee of \$20 will be accepted at the door for all non-members.

If you would like to become a member please follow this link: [www.mississippivalleyashrae.org](http://www.mississippivalleyashrae.org).

### **2015-2016 Calendar of Events**

- **March 3<sup>rd</sup> 2016**  
Ethics – Gregs Thomopulos
- **April 7<sup>th</sup> 2016**  
Principal Roundtable
- **May 5<sup>th</sup> 2016**  
Crawford Brewing Equipment Tour
- **June 3<sup>rd</sup> 2016**  
Chapter Golf Outing

### **2015-2016 Officers/Board of Governors**

|                  |                |
|------------------|----------------|
| President:       | Allen Poppe    |
| Vice President:  | Craig Sorensen |
| Treasurer:       | Matt Bladel    |
| Secretary:       | Andy Sirois    |
| Past President   | Justin Clegg   |
| Member at Large: | Jake Vorac     |
| Member at Large: | Brian Hodgins  |

### **2015-2016 Committee Chairs**

|                     |                |
|---------------------|----------------|
| Membership:         | Jerry Brown    |
| Student Activities: | Justin Clegg   |
| CTTC:               | Cris Washburn  |
| Research Promotion: | Cris Washburn  |
| Historian:          | Sherm Sweeney  |
| Webmaster:          | John Schaub    |
| Programs:           | Craig Sorensen |
| YEA:                | Tim Celandier  |
| CRC Delegate:       | Craig Sorensen |
| CRC Alternate:      | Matt Bladel    |
| GGAC                | OPEN           |
| Seminar:            | OPEN           |

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