



April 2017 Newsletter

April Program – Commissioning Tips, Tricks, and Techniques

David Underwood – Distinguished Lecturer:
2015-2016, President, ASHRAE

David Underwood, P.Eng , resides in Oakville, Ontario, Canada. As ASHRAE’s 2015-2016 president, his theme is “Making Connections.” He is an ASHRAE Fellow and a Life Member. He has received an Exceptional Service Award, a Distinguished Service Award and the William J. Collins Research Promotion Award. He previously served on the Board as a Director at large, two terms as a vice president, treasurer, president-elect and president.

Immediately after graduation in engineering from the University of Manitoba in Canada Underwood was employed by a major products manufacturer in HVAC&R. After approximately 10 years he founded Isotherm Engineering Ltd., an HVAC&R design-build enterprise, which continues to operate.

He was a Board member of the Ontario Refrigeration and Air Conditioning Contractors Association for many years. He served on the advisory group that assisted in developing provincial refrigeration regulations and also coauthored a trade refrigeration safety manual.

He was on the Canadian Standards Association (CSA) B52 committee on Mechanical Refrigeration. As a member of a Canadian Federal committee, he participated in writing the Building Science and Plumbing section of the 2015 edition of the Model National Building Code (MNBC).

David Underwood is also an ASHRAE Distinguished Lecturer, and a member of Technical Committee 7.2, HVAC&R Construction & Design Build Technologies.

April 6th Program

Location: Biaggi’s
5195 Utica Ridge Rd
Davenport, IA 52807

Program: Commissioning Tips, Tricks, and Techniques by a past ASHRAE president

Agenda: 4:30-5:30 Presentation
5:30-5:45 Meeting
5:45-6:30

Menu: Wild Boar Ragu and House Salad

About the Presentation:

Tips, Tricks, and Techniques of Commissioning

GBCI Approved | 1 CE Hour | 0920010355

AIA Approved | 1 LU | UNDERWOOD01

As a long time practitioner, the speaker will discuss some of the tips, tricks and techniques to successfully commission any project. In the tips portion, the discussion will focus on such items as starting early with the development of Owners Project Requirements (OPR) or alternatively how to handle projects that lack OPR (more typical). For example, adding value no matter what stage of the construction you enter the commissioning process. Tricks will look at how to engage all participants in the project and ideas about how to proceed cooperatively. Techniques will review methods for pricing, performance verification and operator training.

ASHRAE CRC – St. Louis – April 20th-22nd

Where: Hyatt Regency Downtown St Louis at The Arch. There is a block of hotel rooms at a discounted rate. Last day to reserve is March 23rd.

When: April 20th-22nd

Restaurant Recommendations:

- Ruth's Chris Steak House (inside Hyatt)
- Brewhouse Historical Sports Bar (inside Hyatt)
- Cardinal Nation (located in Ball Park Village, 2 blocks away)
- Budweiser Brewhouse (in Ball Park Village, 2 blocks away)

Please see below URL for signup!

<http://ashrae-stl.org/committees/2017-chapter-regional-conference-crc-committee/>

Major League CRC



2017 CHAPTER REGIONAL
CONFERENCE (CRC)

ASHRAE Classes – Existing Building Operation Training in Chicago 5/18-5/19

ASHRAE is offering a class on “Existing Building Operation Training” in Chicago on Thursday 5/18 through Friday 5/19. See below for a little bit about the course.

There is a tremendous amount of existing building square-footage compared to the amount of new construction each year. Consequently, to make a substantial positive impact on carbon footprint requires a focus on decreasing the energy consumed by existing buildings. The decision to invest in improving building operation is typically made by an owner with the input of a facility manager.

In today's built environment, owners are reducing utility expenses by maximizing the efficiency and increasing the performance of their building systems. However, if not properly maintained, the investment in these systems is lost.

This course focuses on the built environment and existing HVAC systems. The importance of proper operation and maintenance of existing HVAC systems are discussed. The course also introduces different methods for evaluating potential improvements to a building and its systems. At the end of the course, the attendees will know how to make their facilities operate more efficiently and economically. They will also be better equipped to effectively select and communicate with consulting engineers and energy consultants.

Please see link attached for registration

<https://www.ashrae.org/education--certification/hvac-design-and-operation-training/improving-existing-building-operation>

Winter Social Sponsors



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ASHRAE Chapter Nominations

Please come with nominations for cabinet positions during the April Meeting. People willing to donate their time are always welcome to help grow our chapter. Please feel free to inquire more about any position that you are interested in pursuing. Further information can be gathered from Craig, or the incumbent of the position you are interested in. All positions can be discussed, however the following positions are being enthusiastically marketed:

Treasurer: Work with the rest of the chapter cabinet to help manage our finances. Responsibilities include: help budget costs during the year, keeping track of our accounts, and

participating in our Board of Governor's Meetings.

Secretary: Work with the rest of the chapter cabinet to keep the document organization operating efficiently. Responsibilities include: taking meeting minutes during the Board of Governor's Meetings, designing the monthly newsletter, and actively managing the google drive account.

Please register for this meeting by Sunday, April 2nd.

Registration link for this month's meeting:

<https://www.eventbrite.com/e/april-chapter-meeting-commissioning-tips-tricks-and-techniques-dl-tickets-29221370907>

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.

2016-2017 Calendar of Events

- **April 6th 2017**
 - Distinguished Lecturer – David Underwood
 - Commissioning TIPS, Tricks, and Techniques
- **May 11th 2017**
 - Seismic Design
- **June 23rd 2017**
 - Golfmohr

2016-2017 Officers/Board of Governors

<i>President:</i>	<i>Craig Sorensen</i>
<i>Vice President:</i>	<i>Available</i>
<i>Treasurer:</i>	<i>Andy Sirois</i>
<i>Secretary:</i>	<i>Dillan Dwyer</i>
<i>Past President</i>	<i>Allen Poppe</i>
<i>Member at Large:</i>	<i>Jake Vorac</i>
<i>Member at Large:</i>	<i>Brian Hodgjin</i>

2016-2017 Committee Chairs

<i>Membership:</i>	<i>Jerry Brown</i>
<i>Student Activities:</i>	<i>Justin Clegg</i>
<i>CTTC:</i>	<i>Cris Washburn</i>
<i>Research Promotion:</i>	<i>Cris Washburn</i>
<i>Historian:</i>	<i>Sherm Sweeney</i>
<i>Webmaster:</i>	<i>John Schaub</i>
<i>Programs:</i>	<i>Available</i>
<i>YEA:</i>	<i>Available</i>
<i>CRC Delegate:</i>	<i>Craig Sorensen</i>
<i>CRC Alternate:</i>	<i>Available</i>
<i>GGAC</i>	<i>Allen Poppe</i>