

**Chapter Website (NEW!)**

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

**2018-2019 Chapter Officers**

**President**

[Jac Cooper](#) 423-280-8361

**President-Elect**

[Joe Runyon](#) 423-290-5034

**Vice-President**

[Drew Frye](#) 423-751-7060

**Treasurer**

[Patricia King](#) 423-619-8001

**Secretary**

[Joseph Abbott](#) 423-298-3236

**Technology Transfer**

[Kay Thrasher](#) 423-280-9815

**Research Promotion Chair**

[Tommy McMasters](#) 423-493-7530

**Historian**

[Scott Harrington](#) 865-583-9309

**Student Activities**

[Jan Jennings](#) 615-330-7923

**Membership**

[Michael Harrington](#) 919-619-6988

**Grassroots Gov. Affairs**

[Scott McKenzie](#) 423-664-1492

**Young Engineers in ASHRAE (YEA)**

[Michael Harrington](#) 919-619-6988

**Webmaster**

[Kay Thrasher](#) 423-280-9815

**Chapter Administration**

[Michael Harrington](#) 919-619-6988

**Chapter Administration**

[John Richardson](#) 423-413-6062

**ADDITIONAL BOARD OF GOVERNORS  
(Outside of Officers Listed Above)**

David Dinse 706-820-0711

Sam Delay 423-605-1375

BOG meetings are typically held on the 3<sup>rd</sup> Monday, 12:30-1:30 pm at Café 58 (Calvary Chapel on Broad St.)

**LUNCHEON MEETING NOTICE**

**Date: Wednesday, March 06, 2019**

**Time: 11:30 a.m. Lunch served & Chapter Announcements**

**Place: [Mountain City Club](#), 729 Chestnut St., Chattanooga**

**Cost: \$20 if you're not on the meal plan**

\$10 for ASHRAE student members (must be a member)

Now accepting credit cards via smart phone app or online via PayPal

**Menu:** Vegetarian or low carb meals must be requested early

**Reservations:** RSVP no later than 5:00pm Tuesday (day ahead) via an Email to [Tricia King](mailto:Tricia.King@cornerstone-automation.com), [tking@cornerstone-automation.com](mailto:tking@cornerstone-automation.com) or call 423-619-8001

<p><b>Chris Edmondson</b></p> <p><b>James M. Pleasants Co.</b></p>	<p><b>Cooling Tower Suction Piping and NPSH</b></p>
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This month's chapter program will include a presentation from Chris Edmondson titled "Cooling Tower Suction Piping & NPSH".

A practical look at cooling tower pump suction piping and how to manage Free Air & NPSH. Basic cooling tower pump NPSH is reviewed with simple guidelines to avoid trouble projects.

Chris Edmondson received his B.S. Degree in Mechanical Engineering from North Carolina State University in 1967. During his summers, he worked at Barber Coleman and Johnson Controls. After graduation, he spent four and a half years as a salesman with the Trane Company. In 1971, he came to work for the James M. Pleasants Co., Inc. (Manufacturer's Representative for the ITT Fluid Handling Division) He worked as an Outside Salesman until 1978, when he was promoted to Vice President and Sales Manager till 1987. From 1987 to 2010, he has served as President of the Pleasants Company. Chris is currently CEO of James M. Pleasants Company.

Chris has served many years in the ASHRAE organization, holding positions such as Secretary/Treasurer, Vice President and President of the North Piedmont Chapter. For the fiscal year, 1985-86, Chris received the Rudy Ferguson Memorial Award (Presidential Award of Excellence). In 1985, he became a Technical Speaker to various ASHRAE chapters and he is a Distinguished Lecturer for ASHRAE. He spoke at ASHRAE's CRC Region VII meeting in 1992, Region III CRC Technical Speaker 2013 Bethlehem PA, ASHRAE 2014 NYC lecture series, ASHRAE Region IV CRC 2015 Raleigh NC, Birmingham's Region VII Meeting and many other ASHRAE events as a Technical Speaker. He held the position of Educational Activities Vice Chairman for Region IV from 1992 to 1994. In 1995 he was the Chapter Program Chairman for Region IV. He has served as Region IV DRC and on the ASHRAE Board of Directors. He has also served on the ASHRAE nominating committee. He is also an approved instructor on many USGBC GBCI LEED Presentations. During 1980 through 2015, he has presented seminars to various engineers on the following subjects:

- Basic Primary/Secondary Variable Volume Pumping
- Chiller Plant Piping
- Air Control Systems
- Plumbing Piping Systems
- Cooling Tower Piping

ASHRAE Government Affairs – Updates - <http://www.ashrae.org/advocacy>

**Local Groups of Interest:**

- [Green Spaces Chattanooga](#)
- [Chattanooga Engineers Club](#)
- [Chattanooga - American Institute of Architects](#)
- [Tennessee Board of Architectural and Engineering Examiners](#)
- [Geothermal Heat Pump Consortium](#)
- [Chattanooga Engineers Week](#)

## Membership Notes

### High Lights

Invite a potential member to the meetings. Also, please help by keeping current on both your Society and Chapter membership dues.

### Hard Spots

None to report.

- Basic Steam Piping
- Condensate Return Systems
- Hot Water Recirculation
- Basics of Hydronic Balance
- Plumbing System Design

His principal areas of interest are energy savings, primary/secondary variable volume systems, hydronic balance, heat transfer, hydronic systems, plumbing piping systems and central chilled water plant design.

Professional Development Certificates (1 hour) will be provided at the Lunch meeting. The lunch meeting should conclude by 1 p.m.

## 2018-19 Chapter Programs

Good programs are what make the Chapter meetings a success. Last year your participation (attendance) was great. It is directly attributable to the quality of programs. Input is continually needed from everyone (both members and non-members) for topics (and potential presenters) that are of interest. Efforts will be made to address all needs (residential, commercial, nuclear, renewable, etc.), so do not be ashamed to ask.

Contact [Kay Thrasher](#) or any current Board member with suggestions.

2018-19 Meeting Dates	Topic
09/05/2018	Our New Energy Future (EPB Programs)
10/03/2018	Heat Tracing
11/07/2018	Coca Cola Distribution Plant Tour
12/05/2018	Should'a had an RFI! – Code Lessons
01/09/2019	Energy Goals & Integrated Design
02/06/2019	Insulation for VRF/VRV HVAC Systems
03/06/2019	Cooling Tower Suction Piping & NPSH
04/03/2019	Thermal Displacement Ventilation
05/01/2019	TBD
May TBD	Golf Tournament Fundraiser