



*The Anthracite Chapter*  
**NEWS**  
*February-2023*

**ASHRAE - Shaping Tomorrow's Built Environment Today**

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**President's Message**

Hello ASHRAE Members and Friends.

Welcome to February and Happy Valentine's Day.

Last month's meeting at the Apple Tree Terrace was a huge success and those that did not attend really missed out. The facility is beautiful and the food was fabulous. The dessert table alone was a sight to behold. And to top off the venue we were treated to an interesting and informative presentation on Strategic Electrification, Decarbonization and the Role of Heat Pumps, given by Phil Latinski and Melissa Provenzano. I for one would vote to make the Apple Tree Terrace a regular venue on our schedule.

This month we will be at Cooper's Seafood House in Scranton, and will enjoy a presentation by Tim Wentz, Distinguished Lecturer. He will be speaking on "The Ethics of Money: Bidding, Payment Applications and Change Orders", which should prove interesting to not only engineers, but also contractors and vendors.

As last month, you should have received an Outlook invitation for the meeting and hopefully already accepted. If you haven't received the invite, or haven't responded yet, please notify me no later than Friday, the 17th, by 2:00 PM so we can provide the venue with a head count.

And of course you can pre-register on-line and skip the line at:  
<https://anthraciteashrae.weebly.com/meetings.html>

See you there!

Ron Sibulsky  
ASHRAE Anthracite Chapter President  
2022-2023

# ASHRAE ANTHRACITE CHAPTER MEETING

## Tuesday, February 21, 2023

### The Ethics of Money: Bidding, Payment Applications and Change Orders

Pre-register on our website at: <https://anthraciteashrae.weebly.com/meetings.html>

Changed conditions on a project is one of the most common, and often most severe obstacles in establishing a mutually beneficial relationship between the engineer, the architect and the contractor. This presentation provides background on what constitutes a changed condition and how the risk of changed conditions can be mitigated for all three parties, while protecting the interests of the building owner.

### Presented By: Tim Wentz

Tim is an Emeritus Professor of Construction Management at the University of Nebraska – Lincoln, where he is still active serving on various faculty endeavors, such as the Chancellor's Sustainability and Resilience Commission.

Tim has served the Society in many different capacities. He started his ASHRAE career in 1976 after graduating from the University of Nebraska and worked in a grassroots capacity for many years. He is a past president of the Nebraska Chapter, past DRC of Region IX and Society president in 2016-2017. He received an ASHRAE Technology Award in 1987, Region IX Chapter President of the Year, Region IX Hall of Honor in 2005, E. K. Campbell Award of Merit for Teaching in 2000, the Distinguished Service Award in 2013 and the Exceptional Service Award in 2015. Tim was named an ASHRAE Fellow in 2005.

Tim has also been very active in the Mechanical Contractors Association of America (MCAA), where he has served as a trustee for the Mechanical Contractors Education and Research Fund (MCERF) and is currently a member of the National Education Initiative (NEI) faculty and also on the Institute for Project Management (IPM) faculty. He was named the MCAA 'Educator of the Year' three times (2000, 2002 and 2004) and in 2009 was the recipient of MCAA's highest award, the Distinguished Service Award, the first academic to receive the award.

Born in Lincoln, Nebraska, Tim is the fourth generation to work for his family's design/build mechanical contracting firm. He spent 19 years as a mechanical contractor immersed in design, project management, estimating and corporate leadership.

He has been blessed with a wonderful family, led by his wife, Marsha, and their two children, Megan and Blake. Both Megan and Blake have developed into outstanding educators; Megan at Millard West High School and Blake at the Milwaukee School of Engineering.

Tim enjoys bike riding, playing tennis, photography, restoring and working on his 1969 Mustang, reading and doting on his granddaughter.

**A Certificate of Attendance will be emailed to attendees**

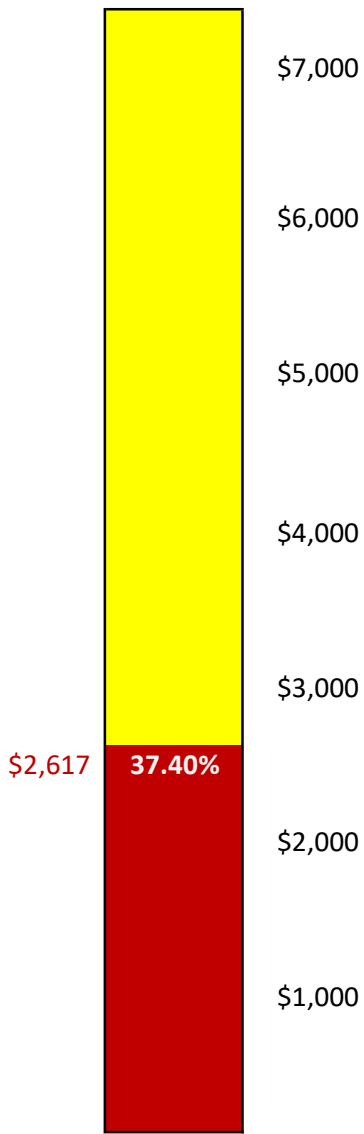
<b>Location:</b>	<b>Cooper's Seafood House</b> 701 N. Washington Ave., Scranton, PA 570-346-6883
<b>Schedule:</b>	5:00 - 5:45 PM Business Meeting (All are Welcome) 5:30 - 6:30 PM Social Hour 6:00 - 6:30 PM Dinner/Program Registration ( <b>skip the line and pre-register</b> ) 6:30 - 7:15 PM Dinner (Buffet) 7:15 - 8:30 PM Announcements and Presentation
<b>Cost:</b>	<b>\$35.00</b> cash or check / <b>\$37.00</b> credit card / <b>FREE</b> for Students

**Only If You Are Planning To Attend Please Respond By 2:00 PM on Friday, February 17, 2023**  
to Ron Sibulsky at 610-223-6528 or via email at [c134@ashrae.net](mailto:c134@ashrae.net)

# NEWS and Notes

## Research Promotion

An Article by our RP Chair, Amanda Hall



Our RP Campaign for this year is starting to gain traction thanks to the efforts of our RP Chair, Amanda Hall

You can support ASHRAE Research online, by phone, or at our Chapter Meetings!

Thank You,

*Amanda L. Hall*

<https://xp20.ashrae.org/secure/researchpromotion/rp.html>

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### **Building Dynamics Job Posting: Controls Specialist**

Building Dynamics, LLC is a Mechanical Engineering firm specializing in HVAC, indoor air quality and design/sustainability/support for all aspects during the lifecycle of a building. We are seeking a qualified applicant to fulfill the role of a **Building Controls Specialist**. This position is open to both engineers and controls technicians that meet the qualifications outlined below.

#### **Minimum Requirements**

- Minimum four years' experience in the design, installation, programming, and commissioning of commercial building heating, ventilating, and air conditioning (HVAC) direct digital controls (DDC) systems.
- A Professional Engineer's license or a Bachelor of Science degree in mechanical engineering, from an Accreditation Board for Engineering and Technology (ABET) accredited engineering college or university is preferred. Controls Technicians with a strong knowledge of HVAC systems will also be considered.
- Niagara AX/N4 TCP certification. Experience in multiple other Building Automation System vendors is strongly preferred.
- Knowledge of various types of HVAC systems, their operation and energy conservation.
- An understanding of HVAC control sequences of operation, including programming, troubleshooting, and commissioning.
- Knowledge about meters, their setup, and troubleshooting, as applied to HVAC systems including water meters (all types), Btu meters, electric meters, PUE meters, gas meters, steam meters, meter integration into a Building Automation Systems (BAS), meter programming, test meter calibration, and manipulation of meter data for use by Building managers and facility operators.
- Ability to learn new skillsets, critically analyze problems, and work with team members to develop solutions to complex, technical engineering problems in buildings with regards to HVAC or indoor air quality deficiencies.

#### **Position description**

The candidate will be working with Building Dynamics personnel to assist with a variety of contracts and customers. The majority of the time (~80%) will be spent working with a Federal Agency assisting in a technical support role in the Washington DC area. There is a possibility for telework when the work does not require on-site access to the building. The remainder of the time will be spent working on other projects for a variety of governmental and commercial clients on a diverse array of tasks. The candidate will be required to successfully complete the following tasks:

- Designing, programming, commissioning, and troubleshooting commercial building heating, ventilating, and air conditioning (HVAC) direct digital controls (DDC) systems.
- Providing technical advice about meters, their setup, and troubleshooting (as applied to HVAC systems) including electric meters, water meters, BTU meters, gas meters, and steam meters.
- Providing technical advice about how to integrate different Building Automation Systems (BAS), both with respect to operations, as well as data trending for system analysis and sustainability.

## News and Notes



Understanding of various communication protocols and facilitating their interoperability is necessary.

- Developing policies for managing the installation, operation, and maintenance of facilities-related controls, meters, and BAS systems at a high level.
- Developing procurement language for the purchase and installation of facilities-related controls, meters, and BAS systems.
- Evaluating meter data and developing associated Energy Conservation Measures (ECMs) to improve facility operation and energy efficiency.
- Serving as a subject matter expert to facilities managers with respect to the efficient and secure installation, operation and maintenance of BAS systems.
- Reviewing proposed new BAS systems and evaluating .
- Periodically assessing installed systems to document compliance with the latest BAS and ICS cyber security countermeasures.
- Develop new sequences of operations for equipment and generate AutoCAD drawings.
- Generate and review specifications sections related to HVAC DDC controls.


### How to Apply:

- Please send a resume as well as brief summary of relevant controls experience to [admin@building-dynamics.com](mailto:admin@building-dynamics.com).
- For any questions prior to applying, please reach out to Reid Lucas
  - [rlucas@building-dynamics.com](mailto:rlucas@building-dynamics.com)
  - (443) 534-2951


NOTE: If anyone would like to submit something to be included in our "News and Notes" you can send it to me at [c134@ashrae.net](mailto:c134@ashrae.net)



**Newsletter Sponsors - THANK YOU TO ALL WHO SUPPORTED THE CHAPTER!**



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I hope all who have sponsored our Chapters newsletter last year will continue with your support. Newsletter sponsorship is still \$50 for the year, and your check can be sent to Michael Mecchi, Treasurer, or given to any of our Officers at the next meeting.

If anyone else would like to sponsor the newsletter, or know of someone who might, please contact myself, or any of the Officers.

*The display of business cards in the NEWS recognizes the financial support of the Chapter by the individual or business and does not constitute an endorsement or recommendation by ASHRAE or the Anthracite Chapter.*



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2011-12 A.J. Speicher	2000-01 Dennis Gochoel	1989-90 Paul Dreater	

<b>ANTHRACITE CHAPTER MEETING &amp; EVENTS 2022-23</b>			
<b>Date</b>	<b>Theme</b>	<b>Program</b>	<b>Speaker</b>
Sept. 20	Membership/ Bring A Buddy	Flow and BTU Metering	Dennis DeMizio
Oct. 18		Update on Codes related to Kitchen Hood Design	Eric Buckman
Nov. 15	Research Promotion Donor Recognition	Pool Dehumidification	Bill Chase
December		No Meeting	
Jan. 17	Research Promotion	Strategic Electrification, Decarbonization and the Role of Heat Pumps	Phil Latinski Melissa Provenzano
Feb. 4 - Feb. 8	Winter Conference AHR Expo	2023 ASHRAE Winter Conference & AHR Expo, Atlanta, GA	
Feb. 21	Engineer's Week Joint Mtg w/PSPE	The Ethics of Money: Bidding, Payment Applications and Change Orders	Tim Wentz*
Mar. 21	Nominating Night Joint Mtg w/SMACNA	TBD	TBD
Apr. 18	Students/Membership Promotion	TBD	TBD
May. 23	ASHRAE Webcast Past Presidents	TBD	TBD
20-Jun	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	N/A
	Fun & R.P.		
Aug. 20-22	CRC	2023 Region III CRC, Baltimore, MD	

\* ASHRAE Distinguished Lecturer

### **ASHRAE MISSION**

To advance the arts and sciences of heating, ventilating, air conditioning and refrigerating to serve humanity and promote a sustainable world.

### **ASHRAE VISION**

ASHRAE will be the global leader, the foremost source of technical and educational information, and the primary provider of opportunity for professional growth in the arts and sciences of heating, ventilating, air conditioning and refrigerating.

### ***The Anthracite Chapter NEWS***

Ron Sibulsky, Editor c/o 1331 Lincoln Street, Catasauqua, PA