



The Anthracite Chapter

NEWS

March 2024

ASHRAE - Shaping Tomorrow's Built Environment Today

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President's Message

Hello ASHRAE members and friends.

I hope this finds everyone well. Last month we were at Cooper's Seafood House in Scranton. Our speaker was George Rossi of General Aire Systems. George's topic was updates to ASHRAE Standard 170-2021 filtration in Healthcare Facilities. I wish to thank George for presenting. The topic was well received and generated a lot of engagement and questions from those in attendance.

If you would like to become more involved in ASHRAE now is the time to come forward. Our Nominating Committee is now putting together recommendations for next year's officers. Please let Rich Supkowski or me know if you are interested.

This month's meeting will be held Tuesday March 19th at The Apple Tree Terrace, Dallas, PA. ASHRAE Distinguished Lecturer Mitchell Swann will be presenting. His topic will be "Don't Let Your BIM go Boom". Mitchell will be presenting on the differences between standard documentation and BIM projects as well as typical challenges of BIM projects and ways to mitigate risk. I certainly hope you can attend as this is sure to be an interesting topic and the food at The Appletree Terrace is always incredible.

Please take advantage of our pre-registration option and skip the line at the registration table. Just click on the link below. It is quick and you can get a receipt immediately. You can also now register this way even if you are paying at the meeting.

<https://anthraciteashrae.weebly.com/meetings.html>

A handwritten signature in blue ink that reads "James Pensyl".

James Pensyl
ASHRAE Anthracite Chapter President 2023-2024

Chapter Website: <https://anthraciteashrae.weebly.com>

Speaker Biography



E. Mitchell Swann, PE, LEED AP

**Managing Director
Resolution Management Consultants
Marlton, NJ**

E. Mitchell Swann P.E., is Managing Director with Resolution Management Consultants, Inc. (RMC). He has over 40+ years of experience on both domestic and international projects in the areas of engineering design, project management, construction, risk management, forensic engineering and dispute resolution. Licensed as a Professional Engineer in multiple states, Mr. Swann's experience includes the engineering and design of mechanical and control systems on projects involving commercial, industrial and institutional construction and building types including high tech manufacturing, laboratories, data centers, broadcasting and correctional facilities.

Mr. Swann is also well versed in the areas of sustainable design and energy conservation as well as the 'decision tree' and pre/post-mortem process for decision making in the design, management and construction of engineering projects and is a recognized thought leader in engineering and design, project execution strategies, sustainable building processes and life-cycle project management.

A solutions-oriented professional, Mr. Swann is experienced in project, department and organizational management. He has provided engineering, management and risk consulting services on over fifty (50) projects totaling over 11 million square feet cumulatively exceeding \$4 billion in the USA and internationally.

Mr. Swann has provided expert witness testimony on a number of cases including at arbitration and trial, and is experienced in settlement discussions and mediation. Testimony topics have included deficient/defective design; standard of care, defective workmanship; interpretation of building codes, and disruption, delay and inefficiencies experienced in the performance of work.

Mr. Swann has served as Chair on ASHRAE Technical Committees and co-authored design guidelines for ASHRAE and ISPE, including the ASHRAE Green Design Guide and the ASHRAE Survival Guide for Design-Build Projects. He is a frequent speaker at Technical & Professional programs for organizations such as ASHRAE (a Distinguished Lecturer since 2005), the ABA, the AIA, the PA Society of Professional Engineers and others. He has also conducted multiple "one day" training seminars on Integrated Design Process and Integrated Project Delivery for ASHRAE's Learning Institute and NAVFAC. He is also a 2018 graduate of the Goldman-Sachs 10,000 Small Businesses Program. He currently chairs the Philadelphia Energy Authority and sits on the Board of Directors for Green Buildings United in Philadelphia. He is former President of the Engineers Club of Philadelphia and served on its Board until January 2022.

His community engagement includes currently serving on the boards of The Painted Bride Art Center, the Ars Nova Workshop and the Greater Philadelphia Community Alliance. He has also served as Chair of the on the Board of Directors for The Enterprise Center Community Development Corporation.

Bio – E. Mitchell Swann, PE
Rev. 2022-09



Speaker Topic - Don't Let Your BIM Go Boom

We will review the following in detail.

- The expected benefits of BIM.
- Major areas of difference between BIM projects and 'standard' documentation projects.
- Risk impacts of those differences.
- Some typical challenges arising in BIM projects.
- Some ways to minimize or mitigate risks.
- Some of the trends in project execution, organization and AEC technology and the 'BIM future'.

Location: **The Appletree Terrace**
4 Newberry Estate, Dallas, PA 18612
(570) 674-5529

Schedule: 5:00-5:45 p.m. Business Meeting (All are Welcome)
5:30-6:30 p.m. Social Hour (Cash Bar)
6:00-6:30 p.m. Dinner/Program Registration
6:30-7:15 p.m. Dinner Buffet
7:15-8:30 p.m. Announcements & Presentation

Cost: \$ 35.00 advanced registration, cash, or check / \$ 40.00 credit card at the door / FREE for Students

Only If You Are Planning to Attend Please Respond by 2 pm on FRIDAY, February 16, 2024, by using our convenient registration form <https://anthraciteashrae.weebly.com/meetings.html>. You can now register on the website even if you wish to pay at the door. You can also register by either calling James Pensyl at (570) 912-2422, or via e-mail at c134@ashrae.net.

NEWS and Notes

Newsletter Sponsors

I hope all who sponsored our Chapters newsletter last year will continue with your support. 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.

CRC 2024

Registration for ASHRAE Region III CRC is now open. CRC is going to be held August 8/15 thru 8/17 hosted by the Lehigh Valley Chapter. You can register using the link below.

<https://www.lvashrae.org/crc2024>

Technology Corner

Technical articles are always welcome to be included in our newsletter. If you have a technical article that you would like to see included in a future edition of the *NEWS*, please submit articles to CTTC Chair Dennis Gochoel c134prg@ashrae.net for consideration.

Job Opportunity

If anyone has any job openings they would like to see posted in the *NEWS*, please forward all pertinent information to me at c134@ashrae.net



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Job Opportunity



Director of Mechanical Engineering

We are seeking an experienced Director of Mechanical Engineer specializing in Mechanical Systems Design to be a part of our growing engineering practice.

We currently have openings in our Pittston, PA location. The successful candidate will have experience with an A&E Consulting firm leading design, mentoring staff, and interacting with clients.

The candidate will be involved from the initial conceptual design to construction close out, for projects across a wide range of industries including healthcare, education, commercial, industrial and mission critical.

In this position you are responsible for the overall total management of all aspects of the Mechanical Department.

The Director of Mechanical Engineering is responsible for:

- Reports to the partners about department needs such as manpower, equipment, software, personnel issues, education reimbursement.
- All necessary quality control on every project; that would include checking, etc.
- Increasing productivity of department.
- Establishing design standards and protocols with the goal of producing a consistent product.
- Developing & Maintaining Standardized details
- Develop and Maintain, Master Spec's. specific to SMA needs. Short form drawing and/or word for small projects and book spec for larger ones.
- Establishing format for design calculations. (Heating/Cooling loads, plumbing water/gas/sanitary/storm lines, Energy analysis, ???)
- Establishing format of design specific major project equipment.
- Selecting the software specific to mechanical department needs.
- Weekly review of all time sheets and evaluations of the mechanical department.
- Yearly review of salary increases and evaluations of the mechanical department.
- Develop project requirements in conjunction with project manager (i.e., drawing lists, scope).
- Recruiting of Staff.
- Training and Development of Staff.
- Monitoring of hours for their department on all projects and any change of scope issues.

Qualifications

- BSME/MET/BSAE (or other engineering discipline with applicable experience).
- Current PE registration is required.
- 10+ years' experience designing HVAC building systems in technically sophisticated facilities.
- Have project management experience running projects.
- Knowledge of building plumbing and fire protection systems a plus

Charles C Smith, PE

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2021-22 Michael Mecchi	2010-11 Tom Swartwood	1999-00 John Durdan	1988-89 Bud Reilly
2020-21 Michael Mecchi	2009-10 Brian Flynn	1998-99 Matthew Martin	1987-88 Ray Suhocki
2019-20 Marjorie Gelso	2008-09 Eric Zanolini	1997-98 Dean Butler	1986-87 Jerry Peznowski
2018-19 Eric Turner	2007-08 Walt Janus	1996-97 Charlie Smith	1985-86 Lee Garing
2017-18 Eric Turner	2006-07 John Havenstrite	1995-96 Chuck Swinderman	1984-85 Spence Martin
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2013-14 Matt Archey	2002-03 Phil Latinski	1991-92 Dan Mello	1980-81 Kerry Freeman
2012-13 Tracey Jumper	2001-02 Mike Moran	1990-91 Mark Hagen	

ANTHRACITE CHAPTER MEETINGS & EVENTS 2022-23

Date	Theme	Program	Speaker
Sept. 19	Membership/ Bring-a-Buddy	PA Commercial Utility Incentive Programs First Energy and PPL	Kevin Lugo Bud Fogelman
Oct. 17		Applying ASHRAE Standard 241& Benefits of Bi-Polar Ionization in Commercial Buildings Location: Harvest Seasonal Gill	Carlos Gendron
Nov. 14	Research Promotion/ Donor Recognition	Decarbonization- Lessons Learned from the Rainforests Location: East Mountain Inn	Tracy Jumper*
December	Research Promotion Social/ Formal	TBD	--
Jan. 17	Family Fun Night	W/B Penguins Game and Arena Refrigeration Plant Tour, Mohegan Sun Areana.	Plant Tour
Jan 20. -Jan 24	Winter Conference/AHR Expo	2024 ASHRAE Winter Conference & AHR Expo, Chicago, IL	--
Feb. 20	Engineer's Week Joint Meeting w/ SMACNA	ASHRAE Standard 170, Ventilation of Healthcare Facilities Location: Cooper's Seafood Scranton PA	George Rossi
Mar. 19	Nominating Night Joint Mtg. w/ AIA	Don't Let your BIM go Boom Location: Apple Tree Terrace, Dallas PA	Mitchell Swann*
April 16	Students/Membership Promotion	2 nd Annual Membership Promotion Mixer and Corn Hole Tournament Location: Susquehanna Brewing Company Pittston PA	--
May 21	Past-Presidents	TBD Location: Sand Springs, Drums PA	TBD
Jun. 18	Fun & Fellowship	Mark A. Hagan, PE Memorial Golf Outing	--
Aug.	Chapters Regional Conf. 8/15/24 thru 8/17/24	2024 Region III CRC, Bethlehem, PA	--

*ASHRAE Distinguished Lecturer

The Anthracite Chapter NEWS

James Pensyl, Editor, c/o 160 West Main Street , Millville, PA 17846

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.