



HISTORICAL COMMITTEE

Minutes

January 21, 2018

ASHRAE Winter Conference Chicago

<p><u>Introduction of Members and Visitors:</u></p> <p>Voting Members present Kent Anderson, Chair Ahmed Alaa El Din Oswaldo Bueno Lindsey King Bern Nagengast Eric Sturm Stan Westhoff, Region I Pam Immekus, Region IV</p> <p><u>Region Historians Present</u></p> <p>Tom Pollard, Region II Drew Godfrey, Region VII Gary Cooper, Region IX Dean Borges, Region X Mehmet Baris Ozerdem, RAL</p> <p><u>BOD Ex-Officio:</u> Doug Cochrane, BOD Ex-Officio</p> <p><u>Consultant:</u> Branco Todorovic</p>	<p><u>Guests:</u></p> <p>David Arnold Jeff Haberl Julia Keen Larry Markel Brendan Hall</p> <p><u>Guests via Go to Meeting:</u></p> <p>Dusty Stoabs, Region VIII</p> <p><u>Staff present:</u> Steve Comstock, staff liaison PEC Vanita Gupta, Director of Marketing, ASHRAE Emily Sigman, staff liaison</p>
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Call to Order:

Mr. Anderson called the meeting to order at 8:36 am.

Review of Agenda:

The agenda was reviewed and accepted.

Approval of Minutes:

Mrs. Sigman sent the draft minutes of the Historical Committee's Long Beach conference to the committee for review.

Motion 1: It was moved that the minutes of the meeting of June 25, 2017 be approved. Mrs. Immekus moved, Mr. Westhoff seconded. Approved. 8-0-0 CV

125th Anniversary Project Updates:

Mr. Nagengast reviewed the progress to date as contained in the document which he submitted on 1/6/2018. **Attachment A**

HVAC&R Giants of the Industry: Mr. Nagengast proposed that he undertake the project of the HVAC&R Giants of the Industry. He envisions it as a bibliographical work of about 100-125 pages. The individuals chosen would be persons who had been deceased for at least five year and for whom there was enough content and images to fill about 2-6 pages per person. He stated that the project should have a limited scope of no more than 20-25 people and should tell an interesting story with visuals. The publication should be in electronic format. He said that it can be considered as a starting point to be continued.

Attachment B

Mr. Todorovic requested that some of the persons chosen would be non-American. He stressed the importance of purveying ASHRAE as international in character.

Motion 2: Approve Mr. Nagengast's proposal for a publication, Adventures in Heat & Cold: Men and Women Who Made Your Life Better. Mr. Westhoff moved, Mrs. Immekus seconded. Approved 7-0-1 CV.

125 Best Papers: Mr. Anderson stated that he would appoint a subcommittee to manage the process to select 25 best papers/most important papers to add to the 100 that were chosen for the 100th Anniversary.

Mr. Anderson mentioned that the handout which was provided to the TC breakfasts as a call for historical technical sessions had the year of 2019 instead of 2020. He said that there was a great deal of interest.

Action Item: Mr. Anderson to appoint a subcommittee to name the best 25 papers since 1995, Centennial Celebration.

Technical Session: Ms. King mentioned the historical sessions at the YEA Committee. There was interest in doing either a Transactions paper or a Conference paper, perhaps to cover how YEA evolved. She will coordinate with Dr. Haberl.

Discussion followed regarding how successful YEA has been – the suggestion was made that YEA should sponsor their own session during the 125th Anniversary. It was also suggested that Women in ASHRAE should sponsor a session.

Pictorial Calendar: Mrs. Immekus reported that the pictorial calendar is on track. It will be an 18-month calendar in order to cover the entire period of the celebration. Mr. Comstock said staff are executing the sales plan. The calendar will have a slot for a business card.

Milestone Markers: Mr. Markel shared the details of the Milestone Markers project that IEEE has been doing. He stated that the criteria for the markers should be set by ASHRAE, but that the actual legwork and financial portion should be handled by whatever group finds the location. That could include local chapters, student branches or student members, YEA members. **Attachment C**

Motion 3: Historical Committee to develop a Milestone Marker (plaque project). Mr. Sturm moved, Mrs. Immekus seconded the motion. Approved 8-0-0 CV

Mr. Anderson stated that the project might have budget implications.

Mr. Markel suggested sending a pass-through motion to Members Council and YEA

Evolution of Components and Design Build Practices after 1920-2000: Dr. Arnold reported the progress on his book, Development of Air-Conditioning Systems, 1920 to 2020. **Attachment D**

Action Item: The committee is to send Dr. Arnold the three best air-conditioning components, buildings and techniques. The request should also be sent to TCs.

Further discussion ensued. Mr. Nagengast requested that \$5000 of the budget for the publication be moved to fiscal year 2018-19, so that he could begin his research and image reproduction.

Motion 4: Approve the budget shift of \$5000 to 2018-19. Dr. Alaa moved, Mr. Westhoff seconded. Approved 7-0-1 CV.

Brochure, Oral Histories, Museum: Mrs. Gupta provided an update of which projects for the 125th Anniversary ASHRAE Marketing will assist the committee with. These include the brochure, the museum and the oral history videos.

After completion of the discussion regarding the progress of the projects for the 125th Anniversary, Mr. Anderson requested that the committee approve the timeline and approved budget for the 125th anniversary projects.

Motion 5: Dr. Alaa moved that the budget and timeline for the 125th Anniversary be approved. Mr. Westhoff seconded. Approved 7-0-0.

ExO Presentation:

Mr. Cochrane reviewed the ExO presentation to update what Society has accomplished in the last six months as well as to identify any needs. **Attachment E**

Mr. Anderson mentioned that he has found the current Strategic Plan difficult to implement on a day to day basis. He hopes that the new strategic plan to be developed for 2019-2024 will be applicable equally to the broad picture as well as to normal operations.

Region Historian Reports:

Region I: Mr. Westhoff shared that the smaller chapters in his region struggle to maintain involvement, often having trouble finding a member willing to take on the historian position.

Region II: Mr. Pollard stated that two of his chapters have strong historians. He posts PAOE points and they host a past presidents night.

Region IV: Mrs. Immekus stated that they have seven chapters in her region, all of which participate actively. Several years ago she started a competition for the best historical table top display with the winner getting a \$100 gift card for the best display. She made a motion during the 2017 Region IV CRC requesting grassroots status for Historical Committee. Members Council stated that the motion would

have to be made through Historical Committee. Mrs. Immekus is also working with President-Elect Sheila Hayter to make Historical PAOE points a required category to achieve PAOE recognition.

Attachment F

Region VII: Mr. Godfrey shared that his region has good participation in PAOE. A retired member in his region has a large collection of artifacts which have been placed in shadow boxes and which have been displayed during their CRCs.

Region VIII: Mr. Stoabs reported that his region has 15 chapters. They have a goal to see an increase in history posted on the chapter websites. The chapters which have the most communications are Austin and Houston.

Region IX: Mr. Cooper shared that there are three Presidential Members in his region, including Richard Hayter, Tim Wentz, and President-Elect Sheila Hayter. To encourage greater participation, Mr. Cooper stated that he awarded PAOE points to any chapter which could show that they had any kind of historical material.

Region X: Mr. Borges stated that they have 14 chapters. One history project that has been done is a collage of historic pictures done in a presentation. He offered to assist Mr. Nagengast.

Region at Large: Dr. Alaa said that he met with his chapter historians in Egypt and they were all excited to discuss beginning to compile their chapter histories even though they are still relatively new. They plan to add an archives to their website and exchange information among chapters. There are 25 chapters and sections.

PAOE

Mrs. Immekus reiterated that she will reach out to President-elect Sheila Hayter to make Historical PAOE points a required category to attain PAOE excellence status.

Mr. Westhoff mentioned the need in PAOE for Gold Ribbon chapter histories. **Attachment G**

Motion 6: Change PAOE requirements to all 8 categories to achieve excellence. Mrs. Immekus moved, Mr. Nagengast seconded. Approved 8-0-0 CV.

Committee Documents Updates

Mr. Anderson will look into updating the Manual of Procedures (MOP) and Reference Manual for the committee. In particular he will address the discrepancies that exist in those documents when compared with the Rules of the Board regarding both Gold Ribbon and Lou Flagg Awards.

Action Item: the committee is to review the Committee MOP and Reference Manual.

Mr. Cooper stated the need for people to date documents and include revision numbers too to prevent confusion and provide reliable version control.

Leadership Recall Interviews

Mr. Westhoff suggested that one of the interviews in June should be of Steve Comstock. Mr. Nagengast volunteered to conduct the interview.

Mrs. Immekus and Ms. King will work together to moderate the panel discussion for the Lynn Bellenger Leadership Recall interview.

Dr. Alaa volunteered to conduct the interview of Tim Wentz.

Mr. Anderson spoke with Gordon Holness, Ron Jarnagin, Tom Watson, Bill Harrison, and Bill Banhfleth regarding the panel discussion for Mrs. Bellenger.

Mr. Westhoff spoke with Mr. Neil Bellenger at the conference about the project and Mr. Bellenger was quite enthusiastic.

Lou Flagg Award

Mr. Anderson called for an executive session of voting members only in order to discuss and then choose one of the four submissions for the 2018 Lou Flagg award. He stressed the need to encourage more people to make submissions and for the need to provide support to regions and chapters to accomplish this. He first asked for a straw poll to see if there was one submission that ranked higher than the others. That ended in a tie for two of the submissions.

Further discussion ensued over the merits of the top entries. A final vote was taken. Mrs. Immekus moved and Dr. Alaa seconded the approval of Mr. Bruce Flaniken's paper, *First Presbyterian Church, Orange Texas Air Conditioned 1908-1912? or Earlier?* as the winner of the Lou Flagg award for 2018. Approved 8-0-0 CV.

Record Retention

Mr. Anderson reiterated his desire to create a record retention policy.

ASHRAE Historian

Mr. Anderson proposed a new position of ASHRAE Historian, to be honorary but include compensation.

Mr. Anderson adjourned the meeting at 12:03 p.m.



Historical Committee (HC)

Proposed revision by B. Nagengast January 6, 2017

ASHRAE 125 Year Anniversary Celebration – Action Plan

(Details for each project included on following pages)

125 Year Anniversary Projects List (approved by Historical Committee)

- 1. Produce quality industry selective history related publications** (hard or soft cover and/or electronic version)
- 2. 125 most important Transactions Papers or ASHRAE Journal Articles**
- 3. Publish 12 historical articles in the *ASHRAE Journal***
- 4. Sponsor at least one technical paper session for the winter 2020 meeting.**
- 5. Develop a pictorial calendar for 2019 and 2020**

Other 125th Anniversary Projects (Non-Historical Committee Projects)

- 1. ASHRAE Society History (*Proclaiming the Truth 2nd Edition*)**
- 2. *ASHRAE Journal* Advertising Supplement**
- 3. HVAC&R Museum**
- 4. ASHRAE Oral History**
- 5. ASHRAE Historical Markers**

NOTE: Fiscal impact for Historical Committee projects is shown in “Project Details” section.

125 Year Anniversary Projects Details

Historical Committee approved projects:

- 1. Produce quality industry selective history related publications** (hard or soft cover and/or electronic version)

“How HVAC&R has improved the quality of life worldwide” This would be written to appeal to a general audience thus promoting the importance of engineering and ASHRAE as a benefit to humanity. Author: Ron Vallort augmented by ASHRAE staff.

Total Fiscal Impact: -10000

“History of development of air conditioning systems 1920-2000” Focus would be both equipment and materials, written and illustrated to appeal to engineers as well as a wider audience. Author: David Arnold

Total Fiscal Impact: -20000

“Evolution of components and design build practices after 1900” This would cover the development of factory engineering and construction practices from the inventors/innovators design build to the application manufacturing to application engineering to engineering consultants and then mechanical contractors. Author: Bruce Flaniken

Total Fiscal Impact: -20000

“HVAC&R Giants” This work would be person oriented and highlight the contributions of individuals. Resources for this work would mainly use our existing data base which includes ASHRAE Hall of Fame, Pioneers of the Industry, Leadership Recall and the *Heat & Cold* book, and other important persons not present in these existing resources. Author: to be determined.

Total Fiscal Impact: -20000

- 2. 125 most important Transaction Papers or ASHRAE Journal Articles.** To be published as part of *Proclaiming the Truth 2nd. Edition*. Abstracts of papers/articles published between 1895 and 1994 were published in the First edition of *Proclaiming the Truth*. Historical Committee to establish a sub-committee to select entries published between 1995 and 2019. Author: Steve Comstock and staff. Total Fiscal Impact: 0
- 3. Publish 12 historical articles in the ASHRAE Journal.** Articles considered for publication will appeal to the more general interest of *Journal* readers. *ASHRAE Journal* staff has received at least 20 proposals. Publication of one article per month from July 1919 through June 2020. Total Fiscal Impact: 0
- 4. Sponsor at least one technical paper session for the winter 2020 meeting.** Solicit 4 or more papers to be presented in a technical session or sessions (not as a conference paper, which are not printed in *ASHRAE Transactions*) Papers would target specific historical advances or could address a broader history of HVAC&R Technology. Total Fiscal Impact: 0

- 5. Develop a pictorial calendar for 2019 and 2020.** This would be similar to the historical calendars produced annually by CIBSE. These calendars could be sold by ASHRAE to members and companies. Calendar to be available June 1919 covering months June through December 2020. Author: Pam Immekus Total Fiscal Impact: -10000

Other 125th Anniversary Projects:

- 1. ASHRAE Society History (*Proclaiming the Truth 2nd Edition*)**

Proclaiming the Truth book will be updated to cover the 25 year period after the Centennial. This is not a Historical Committee project.

Responsibility: Steve Comstock and staff.

- 2. ASHRAE Journal Advertising Supplement**

Features invited company histories and ads, similar to the feature published for the ASHRAE Centennial. To be published in the December 2019 *Journal*.

This is not a Historical Committee project.

Responsibility: Greg Martin

- 3. HVAC&R Museum**

Display at 2020 Winter Conference. Similar to the museum display at the 1995 Centennial meeting. Sponsorships to be solicited.

This is not a Historical Committee project.

Responsibility: ASHRAE Staff

- 4. ASHRAE Oral History**

Short oral histories by ASHRAE members. Specific use to be defined but can be used on ASHRAE Website and as basis of presentation at 2020 Winter Conference or in display.

This is not a Historical Committee project.

Responsibility: ASHRAE Staff

- 5. ASHRAE Historical Markers**

Identification of HVAC&R related historical sites by plaques, ASHRAE Website information, etc. Possible opportunity for ASHRAE marketing. Project at this point undefined. Proposed by Larry Markel.

This is not currently a Historical Committee project.

A proposal to the Historical Committee for the HVAC&R Giants project

January 13, 2018

Proposed title: Adventures in Heat & Cold: men and women who made your life better.

Volunteer Author: Bernard Nagengast

Scope: Provide interesting stories of 20 to 25 individuals who were responsible for major innovations or had an accumulation of contributions to HVAC&R technology.

Layout: Soft cover book and E book. Total length 100 to 125 pages, preferably color reproduction. Each story to be 2-6 pages including visuals. Introduction, table of contents, index and references to be provided.

Selection Criteria: Individuals who are deceased at least 5 years and have sufficient and accurate biographical and visual material available to be able to develop an interesting or unusual story that will grab the reader. Selected individuals may or may not already be well known. Selection to be done by the author with list of selections to be provided to the Historical Committee by March 15, 2018.

Sources: May include ASHRAE programs such as Hall of Fame, Pioneers of the Industry and Leadership Recall. Also, *Heat & Cold*, *Proclaiming the Truth* and *Comfort Makers*. Further sources may include other books and industry and engineering organization journals, etc.

Distribution: Sales through ASHRAE Publications.

Fiscal Impact: Net \$25000 cost. Research and visual reproduction cost not to exceed \$5000 in FY 18/19. Production cost of \$25000 in FY 19/20. Revenue from sales \$5000. In FY 19/20.

The videos, designed to provide background information, while grabbing the students' attention, may be shown either in the classroom or as part of a "flipped classroom" and focus on the subject matter of one of the REACH Inquiry Units. A REACH video on drones, shown during the workshop, may be viewed here, <https://vimeo.com/231765929/a22dc4cc12>

You may learn more about the REACH resources from the award-winning REACH website, reach.ieee.org. Be sure to create a free account to see all that REACH has to offer. To donate to the program, visit the IEEE Foundation's webpage for REACH at https://ieeefoundation.org/support_REACH

IEEE HISTORY CENTER PARTICIPATES IN IEEE DAY AT STEVENS INSTITUTE

IEEE History Center Historian Dr. Lisa Nocks and Research Coordinator Robert Colburn participated in the IEEE Day events at Stevens Institute of Technology, collaborating with the IEEE Stevens Student Branch to raise the visibility of IEEE and to celebrate the fascinating engineering projects that IEEE Student members are working on. Together with the food and drink, there were presentations by students on projects on robotics in eldercare, and on developments in robot vision. History Center staff in turn talked about the History Center at

Stevens, courses staff are teaching, the value of historical perspectives informing current research and development, and ways that it can assist students in their research. The students were fascinated by the historical artifacts brought by staff such as a 14.4 modem and a glass telegraph wire insulator, which in turn spurred an active discussion on the relations among mechanical, biomedical, and materials disciplines, and the roles each play in developing technologies.

HISTORY CENTER STAFF NOTES

DANTE MONTELEONE IS 2017-2018 HISTORY CENTER RESEARCH ASSISTANT



Dante Monteleone is a Sophomore Finance Major at Stevens Institute of Technology from Ocean City, New Jersey. He attended Ocean City High School from 2012 to 2016 where he was treasurer of the Ocean City Chapter of the National Honors Society and Vice President of the

Jazz Band. One of his most rewarding experiences was being a delegate at American Legion Jersey Boys State in 2015. At Stevens, Dante is a member of the WCPR Radio Club, Phi Beta Lambda Business Honors Society, and brother of the Kappa Sigma Fraternity. Always having had a passion for history, Dante is excited to be interning for the IEEE and is grateful for this opportunity.

THINGS TO SEE AND DO

DO YOU LIVE OR WORK NEAR AN IEEE MILESTONE?

IEEE has dedicated more than 180 achievements around the world as Milestones. These achievements have been commemorated by bronze plaques in publicly-accessible places as a way of making the public aware of the contributions that IEEE's fields of interest make to humanity. You can find the locations of Milestone plaques using the Innovation map <http://ethw.org/Map> or on the list of Milestones by region http://ethw.org/Milestones:List_of_Milestones. Each Milestone page also has GPS coordinates to help you find them.



This IEEE Milestone plaque can be seen next to the entrance to track 32 in Grand Central Station, New York City, U.S.A.

There are reasons why plaques sometimes have to be moved (a building changes owners, or is torn down, for example). If a Milestone plaque is not where the map says it ought to be, or if the street address has changed, we welcome hearing from you. You can email us at ieee-history@ieee.org

History of the Development of Air Conditioning 1920 to 2020

Proposal for ASHRAE 125th Anniversary

The proposal is to prepare a “semi-technical” book illustrating how air conditioning and the provision of thermal comfort in buildings has developed since the early days of air conditioning in the 1920s to the present day. It will be from the perspective of HVAC design engineers covering the tools they had available to meet the changing requirements of buildings, comfort, calculation techniques, building standards and codes, equipment and limiting energy use.

The intention is to cover the developments described below by reference to their application in buildings starting with examples of 1920s air conditioned theatres, department stores, public buildings and offices. Air conditioning to some of these buildings has been published in detailed articles that allow analysis us now to understand the design philosophy of the engineer and their objectives. For example, contemporary articles on buildings such as the “Cooling and Ventilation of the Minneapolis Auditorium” (Refrigerating Engineering 1927) and the “Milam Building” (HPAC 1929). Both these articles share modern day concerns about thermal comfort, indoor air quality and excess energy use.

The book will describe the challenges HVAC designers have faced over the decades beginning in the 1920s when air conditioning in for example, theatres, hospitals and offices, was in its infancy. This will include reviewing codes and design information available to designers a) to allow them to establish appropriate design criteria such as temperature, humidity and outdoor air, b) to estimate heat gains and losses from buildings, c) to select equipment from that commercially available at the time and d) size pipe and ducts, etc.

How the codes and design information available has changed and developed over the last 100 years. For example, how did designers in the 1920s manage to carry out all the calculations to size air conditioning and how this has developed to software and simulation programs available to today’s designers. How buildings have changed from needing opening windows to every private office to provide daylight and fresh air to today’s “hermetically sealed” curtain walled buildings. How codes have changed to ensure minimum standards of comfort and safety.

It will review the types of equipment available to provide air conditioning starting from the invention of the centrifugal chiller in the 1920s through the invention and introduction of fan coil units, induction units, high velocity ducting, dual duct, variable air volume, scroll compressors, chilled ceilings and beams, displacement ventilation, variable refrigerant flow, etc. to the present day.

This review will include the developments in controls starting from manual and automatic compressed air driven valves and dampers in the 1920s through the introduction of computer based technology in the 1970s to the distributed microprocessor systems in use today.

David Arnold

24 June 2017



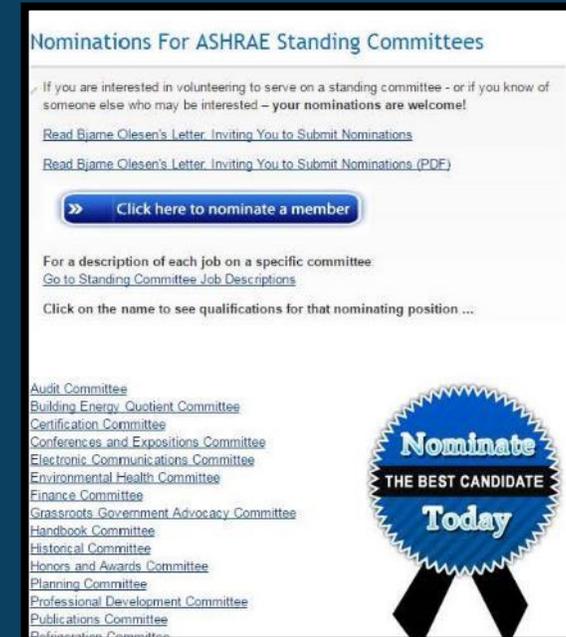
ASHRAE UPDATE

ExO Report to Committees
2018 Winter Conference



ASHRAE Wants YOU!

- Standing committee appointments sought for 2018-19
- Join President-Elect Shelia Hayter as she works to position ASHRAE to be the industry leader in the transition toward fully optimizing building energy performance
- ashrae.org/nominate
- Nominations due by February 15



Nominations For ASHRAE Standing Committees

If you are interested in volunteering to serve on a standing committee - or if you know of someone else who may be interested - your nominations are welcome!

[Read Bjørn Olesen's Letter Inviting You to Submit Nominations](#)

[Read Bjørn Olesen's Letter Inviting You to Submit Nominations \(PDF\)](#)

[Click here to nominate a member](#)

For a description of each job on a specific committee:
[Go to Standing Committee Job Descriptions](#)

Click on the name to see qualifications for that nominating position ...

- [Audit Committee](#)
- [Building Energy Quotient Committee](#)
- [Certification Committee](#)
- [Conferences and Expositions Committee](#)
- [Electronic Communications Committee](#)
- [Environmental Health Committee](#)
- [Finance Committee](#)
- [Grassroots Government Advocacy Committee](#)
- [Handbook Committee](#)
- [Historical Committee](#)
- [Honors and Awards Committee](#)
- [Planning Committee](#)
- [Professional Development Committee](#)
- [Publications Committee](#)
- [Public Relations Committee](#)



Presidential Initiatives – **Extending Our Community** President's Luncheon Preview

- Global community
- Technological horizon
- Value to members





Presidential Initiatives – Extending Our Global Community President’s Luncheon Preview

- Partnership Award from the UN Environment Ozone Secretariat: Held in Toronto, Canada, November 2017
- Second Developing Economies Conference: Held in Delhi, India, November 2017
 - Brought together engineers, building professionals and policymakers
 - Addressed infrastructure and urbanization challenges in developing economies.
- First CRC Region XIV Europe: Held in Belgrade, Serbia, December 2017
- ASHRAE Associate Society Alliance (AASA): Brussels, Belgium, April 22-23, 2018
 - First meeting outside of North America
 - A forum where 65 professional societies from around the world exchange knowledge and ideas in the arts and sciences of HVAC&R from a global perspective.
 - Currently investigating an evolution into a Global HVAC&R Alliance





Presidential Initiatives – Extending Our Global Community

President's Luncheon Preview

NEW - Region XIV

- Established July 1, 2017
- 1,800 members
- Close collaboration with REHVA and CIBSE

Chapters:

- Cyprus
- Greece
- Ireland
- Portugal
- Spain
- United Kingdom – Midlands
- United Kingdom – London and South-East
- Danube

Additional chapters coming in 2018



Presidential Initiatives – Extending Our Technological Horizons President’s Luncheon Preview

- Multi-Family Residential Research Project (1821-RP): Intended to deliver a low to mid-rise Residential Design Guide. SSPC 90.2 is working on a revised version of 90.2 to make it a “*well beyond minimum*” low-rise residential building energy standard.
- IAQ Conference Series Extended: Goal of partnering with the new *Indoor Environmental Quality Global Alliance (IEQ-GA)*.
- Air Infiltration and Ventilation Center Partnership (Coming Soon): To give ASHRAE members full access to their growing library of information.



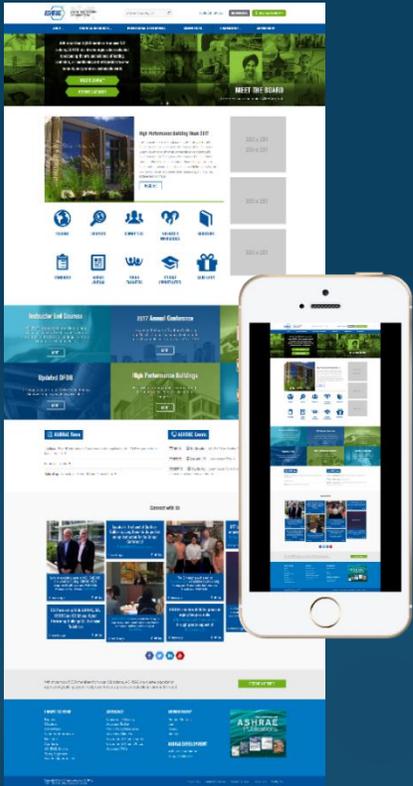
Presidential Initiatives – Extending Value To Our Members President’s Luncheon Preview



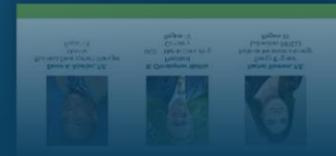
- ASHRAE Technology Portal: Subscriber based access to all conference papers in Chicago as well as transactions from Long Beach and other conferences.
- ASHRAE’s Reinvestment of Research Dollars: Of the almost \$2.7 million raised in Society Year 2016-2017, \$2 million went to research projects.
 - ASHRAE matched this amount doubling the support for research.
- Solar Decathlon: Eleven teams participated. ASHRAE was a sponsor and provided judges.



Presidential Initiatives – Extending Value To Our Members President’s Luncheon Preview



- New Building EQ Portal: Launched December 2017
- New ASHRAE Website: Launching February 2018
- New Standard 90.1 Portal: Launched January 2018
- ASHRAE Leadership Academy: May 18-19, 2018, Atlanta, GA
 - Rising chapter leaders network & learn best practices
- Global Giveback: April 22-28, 2018
 - Service-oriented sustainability events during a one-week period to generate excitement at the local level and increase chapter visibility



#MyASHRAE



Presidential Ad Hoc Ethics Enforcement Procedures Task Group

Ethics Enforcement Procedures Task Group will review and recommend changes to ROB 3.980 Enforcement Procedures for Violation of the ASHRAE Code of Ethics. In addition, the Task Group will address procedures for Ethics allegations against Officers and/or BOD members. The Task Group may also consider making the review investigation more independent from ASHRAE leadership.

Task Group Meeting: During the Winter Conference



Presidential Ad Hoc Regional Staff Support Analysis Task Group

The Regional Staff Support Analysis Task Group is to study the placement of hired representatives (regional staff) in ASHRAE Regions to support volunteer programs, with particular focus on advocacy.

Preliminary Report to the Board: During the Winter Conference



Nomination Process Ad Hoc

The purpose of the Nomination Process Ad Hoc is to:

- Reviews all documents of the Nominating Committee including the By-laws, Board-Approved Rule's and Nominating Committee Manual of Procedure and reference manual for current relevance.
- Review election procedures of similar organizations (ASME, ASHE, etc.).
- Determine if one nominee per office on the member ballot is appropriate.
- Determine if we should consider cancelling the tenet of "the job seeks the person, the person does not seek the job."
- Determine if the balance of at-large and regional members of the Nominating Committee is optimal.

Final Report Due: April 2018



Global Training Center for Building Excellence -Dubai

- Opened: September 2017
- Purpose: To provide relevant self-supporting training to members and nonmembers in the Middle East and North Africa (MENA) and chapters in the Region at Large.
- Regional instructors and courses modified for the region
- Recognition: Individuals attending 42 hours of instruction and passing a course exam may earn the *ASHRAE Building Excellence Credential MENA*.



Global Training Center for Building Excellence -Dubai

Three courses have been held in Dubai:

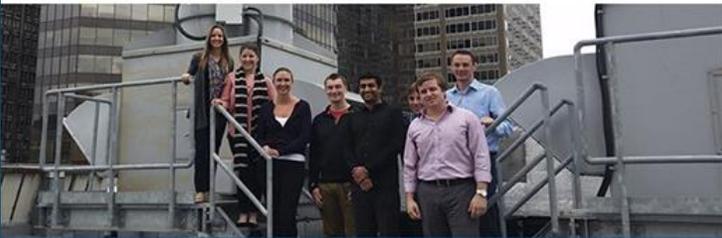
- HVAC Design Training (twice)
- VRF Applications

GTC is reaching out to chapters in the RAL to schedule instructors from local engineering societies and universities including:

- Saudi Council of Engineers (SCE)
- Bahrain Society of Engineers (BSE)
- The British University in Egypt (BUE)
- Egyptian Engineers Syndicate (EES)



YEA



Young Engineers (YEA) Newsletter
Rhiannon Masterson, Assistant Manager of Membership
Contact: RMasterson@ashrae.org or 678-539-1178

- Members Council and the ASHRAE Board approved the Young Engineers in ASHRAE (YEA) Committee transition to a grassroots committee, effective July 1, 2018
- Change: YEA RVCs will now be nominated through each Region's CRC nomination caucus
- Change: YEA Chapter Chair position will become a required chapter position that receives transportation reimbursement to CRC.



STEM Scouts

- Sub-committee members will reach out to one chapter SAC chair in their area responsible for one of the eight STEM Scout groups that were provided as stronger groups.
- Goal: To have the chapter SAC chair and STEM Scouts liaison pilot a partnership.
- Pilot Goal: 3 to 5 chapters involved in pilot
- Timeline: 2 months to reach out for partnership and report



2019-2024 Strategic Plan

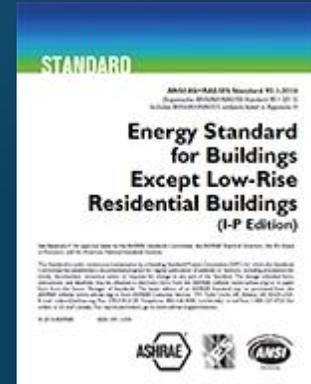
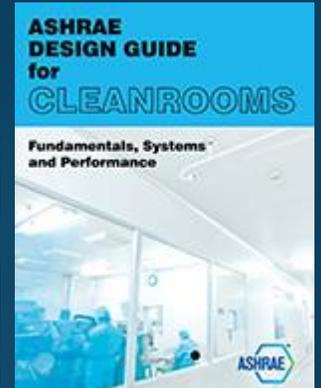
Timeline

- November 2017 - December 2017: Select Strategic Plan consultant & negotiate contract
Complete - McKinley Advisors
- January 2018: Consultant presentation to BOD at ASHRAE Winter Meeting
- March 2018: Board strategic planning session
- June 2018: Board reviews first draft of Strategic Plan
- November 2018: Board reviews and approves revised draft of Strategic Plan
- December 2018 - March 2019: Stakeholder review of and feedback on revised draft of Strategic Plan
- June 2019: BOD approve Strategic Plan 2019-24 at ASHRAE Annual Meeting
- July 2019 - June 2024: Plan is implemented, tracked, and updated as necessary with status reported to the membership with Dashboard



Recent Publications and Standards

- *ASHRAE Design Guide for Dedicated Outdoor Air Systems ASHRAE GreenGuide: Design, Construction, and Operation of Sustainable Buildings, 5th Edition*
- *ASHRAE Pocket Guide for Air Conditioning, Heating, Ventilation, Refrigeration, 9th Edition*
- *ASHRAE Design Guide for Cleanrooms: Fundamentals, Systems, and Performance*
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- *IT Equipment Power Trends, 3rd Edition*
- *Fundamentals of Design and Control of Central Chilled-Water Plants*
- *Standard 90.1 Users Manual* (both the printed book and online with an online version of the standard and redline)
- *Standard 170-2017: Ventilation of Health Care Facilities Principles of HVAC*



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- ASHRAE Webcast, Making Energy Efficiency a Reality, April 19
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- ASHRAE 2017 Building Performance Analysis Conference, Chicago, IL, September 26-28
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Some thoughts on the proposal to convert the Historical Committee from a Society Standing Committee to a Grass Roots Committee

September 17, 2017

Region IV has proposed that the Historical Committee become a Grass Roots Committee of the 14 RVCs who serve as Regional Historians.

This idea has surfaced periodically since the position of Regional Historian was established in 1978, five years after the Historical Committee was established as a Society Standing Committee.

I have been interested in, a member of or consultant to the ASHRAE Historical Committee since 1975 and have attended most committee meetings since then. In addition I served as committee chair three times. The discussion of general committee vs. grass roots committee has come up a number of times thus I think I can contribute to this latest idea by adding some “historical perspective.”

- The position of Regional Historian was recommended as an adjunct to the standing committee for the purpose of focusing on region and chapter historical matters to free the standing committee to focus on general industry and society history.
- Regional and chapter historians naturally are, and should be, focused on their own geography. Many, but not all, are also interested in history at large.
- The Historical Committee has continuously wrestled with communication and guidance involving regional and chapter historians and has done much experimentation on the best way to do this. The latest evolution of this is to pursue a combination of handbooks, focused awards, PAOE and newsletters as well as direct communications where warranted. In addition the Committee has emphasized the need for a mixed membership – some Regional and Chapter Historians along with members who may not be in Regional or Chapter positions but who do have an interest or expertise in general industry or Society history.
- The mixed membership of the Historical Committee has generally worked well allowing the Committee to focus on general industry and Society history while guiding and supporting the geographical focus of the Regional and Chapter Historians.
- The Board of Directors has been consistent that the Historical Committee should be a standing committee.
- The Historical Committee originally reported to Member Council but was moved to Publishing Council because much of the focus of the committee should be properly in publishing and education.

- Since its inception the Historical Committee has varied in size from 5 to 12 members, and even with the smaller committee size was able to adequately address its tasks. In some cases consultants were added and/or the Committee size was expanded temporarily when needed, for example during the ASHRAE Centennial. In recent times some Regional Historians have continued to work on Committee Projects after their term as a voting member was over.
- Normal standing committee service is three years, possibly extending to 5 years if a member serves as vice chair and chair. This results in a good turnover of talent and ideas. In the case of Regional Historians the best situation is long service in the position if possible. Historical Committee membership consisting of only Regional Historians could result not only in stagnation but also over focus on Society matters at the expense of general industry history. Also chapter historians and other ASHRAE members who are focused on non-Society history would be excluded as committee members, thus starving ASHRAE of those interests and information.

I can only conclude that the idea of transforming the Historical Committee to a Grass Roots Committee with restricted membership should be considered very thoughtfully considering the idea's past history and major future impact on the breadth and scope and work of the Committee.

A timeline, developed from a review of Historical Committee minutes starting in 1973, is included for further perspective.

Bern Nagengast, member, Historical Committee

Historical Committee Membership Timeline

1973: Historical Committee established by BOD with 5 members, Committee reporting to Member Council.

Scope of the Historical Committee (approved by BOD at Winter 1974 meeting) "The scope of this Committee shall be to locate and preferably bring together at a convenient and available place any material and information of historical significance to the Society and the Society's fields of interest."

1975, January: First discussion of the need for Chapter Historians to preserve the history of the chapter so it is not lost.

1975, June: BOD approves the requirement of a historian for each chapter.

1978, June: Position of Regional Historian established "to coordinate historical activities on a regional basis."

1979, January: Historical Committee recommends that Regional Historians be appointed as Ex-Officio members of the Historical Committee. Rejected by BOD.

1979, June: Guidelines for Chapter and Regional Historians finalized by Historical Committee

1980, June: Gold Ribbon for History proposed

1991, January: Committee proposed to add two consultants and to extend the committee member terms from 3 to 5 years and the chair from 1 to 2 years to provide continuity for the upcoming Centennial projects. Approved to add two consultants.

1991, October: Regions Council moves to request the Historical Committee be expanded and revised to membership by the 12 Regional Historians. Approved by Historical Committee June 1992.

1993, January: committee began to expand by addition of Regional Historians.

1993-1995 committee had a combination of non and Regional Historians. Note: some RHs either were unable or unwilling to accept appointment to the Historical Committee. Maximum membership during this period was 9.

1995, January: Society reorganization changes Historical Committee reporting from Member to Publishing Council .

1995, June: PEAC expresses concern that Historical Committee is spending too much time on Chapter and Regional concerns, neglecting its mission . Historical Committee debate on pros and cons of restricting membership to Regional Historians. Consensus was the committee should be a mix and that there should be 13 members that would include one international member. (Defeated by Publishing Council due to fiscal impact.)

1996, June: Publishing Council approves addition of an international member.

1997, June: Publishing Council investigated scope and size of Historical Committee. BOD reduces committee size to 6 members.

1999, June: Regions Council asked the Historical Committee establish a Regional Historian subcommittee that would meet once a year at a Society meeting. Discussion of this continued

for the next three years. Sticking points were over who should actually be responsible and funding of travel.

2003, January: Regions Council again moves that a Regional Historian subcommittee be established. Historical Committee agrees to organize a meeting of Regional Historians at Winter 2004 meeting to discuss the organization of a Regional Historian subcommittee.

2004, January. Regions Council advised Historical Committee that they no longer supported the formation of a Regional Historians subcommittee. RHs express their disapproval at the Historical Committee meeting resulting in decision to have an informal, unofficial meeting of Regional Historians before or after the Historical Committee meeting.

2006, June: Members Council moves that Regional Historians be appointed to Historical Committee as non-voting members. Historical Committee concurs and moves to revise BAR.

2007, June: Historical Committee expanded to 7 members.

2017, January: Historical Committee requests expansion to 9 members.

(source: Historical Committee Minutes)

2016-17 Historical	MAX	Rules	# Chapters > 0 (out of 181)	Avg Paoe Points	Percent
Points Related to Chapter Historical Activities:					
For digitizing complete chapter historical archives posting on the chapter website and/or electronic storage and updating annually; (include a minimum of meeting minutes, monthly newsletters, listing of chapter executive inventory of historic items and memorabilia not scan-able and CRC reports)	150	150	72	40.42	39.78%
For each leadership recall interview, copy must be submitted to RVC before the next CRC		100	29	20.18	16.02%
For each history of a system, standard, person, event or a company significant to the Chapter's history (Society Gold Ribbon Award)	100	100	29	12.66	16.02%
For chapter historical display at CRC (updated annually or new display)	50	50	92	16.49	50.83%
For creating a chapter timeline with annual updates adding previous year events and posting on the chapter website and/or electronic storage	50	50	60	11.89	33.15%
For program on history as all or part of a monthly chapter meeting	50	50	66	13.04	36.46%
For identifying and documenting any heating, refrigeration or air-conditioning plant, systems or buildings of historic interest to ASHRAE members (see criteria in note above)		50	26	06.68	14.36%
For each interview with Fellow ASHRAE member		50	24	08.49	13.26%
For inviting Life members to one of the monthly chapter meetings	50	50	93	17.08	51.38%
For publishing articles on chapter, company or member history in chapter newsletter, Society publication or chapter website (8 newsletters)	200	25	65	21.84	35.91%
YEA Activities:					
For a local Chapter Historical activity performed by an actively engaged YEA member	50	25	51	07.96	28.18%
Regional Historian Assigns:					
For the incoming Chapter Historian attending the CRC workshop	100	100	74	28.35	40.88%
For a chapter historian holding the position for a second and third year	100	100	86	29.86	47.51%
For chapter historian participating in new historical based activities unique to the Region or Society	100	100	8	04.10	04.42%
For planning/goal setting session with Regional Historian (points assigned by Regional Historian by October 1 or 2 weeks after the CRC, whichever is later)	100	50	62	20.83	34.25%
For achieving goals established in goal-setting session with Regional Historian (points assigned by Regional Historian by June 30)	100	10	37	11.44	20.44%