

**Residential Building Committee
Long Beach Annual Meeting
Monday, June 26, 2017**

Attendance

Members Present:

Max Sherman (Chair)
Chris Mathis (Vice-Chair)
Costas Balaras
Robert Bean
Charles Culp
Philip Fairey
Paul Francisco
Chris Gray
Glenn Hourahan
Jeff Inks
Neil Leslie
Dan Pettway
Chris Van Rite
David Weishuhn
Theresa Weston
Dan Int-Hout (ExO)
Pat Graef (Coordinating Officer)

Members Not Available:

David Lee
Iain Walker

Incoming Members:

Pankaj Dhakar
Rick Karg
Van Baxter

ASHRAE Staff

Lilas Pratt (Staff Liaison)
Stephanie Reiniche
Jim Scarborough
Alice Yates

Guests:

Alison Bailers
Laurence Cardlan
Jon Cohan
Keith Emerson
Steven Emmerich
Dick Foster
Scott Grefsheim
Paul Haydock
Bill Healy
Dennis Lovejay
Ashish Rakheja
Sam Taylor
Marianne Touchie
Pawel Wargocki
Jeff Warther
Eric Werling

Principal Motions¹

Motion 1: The Chair brought the April 12, 2017 Spring web meeting minutes to the floor for approval.

Vote: Motion passed without objection

Motion 2: Francisco moved and Culp seconded to approve the PES roster for RP-1821 as Francisco (chair), Hourahan, Mathis, Gray, Bean, Haydock.

¹ All motion votes are listed as yes-no-abstain.

Vote: Motion passed 6-0-1 CNV.

Motion 3: Fairey moved and Mathis seconded that RBC offer to co-sponsor TC 2.1's RTAR on Thermal Comfort.

Vote: Motion passed 9-0-0 CNV.

New and Open Action Items

March 18, 2016 Conference Call Web Meeting

3	Neil Leslie	Create an approach for outreach to the chapters and RVCs with help from Jodi Scott, Lilas Pratt, and Chris Mathis. (Note: This will be added to the Las Vegas Meeting Agenda)	On-going
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November 9, 2016 Conference Call Web Meeting

1	Stakeholders Subcommittee	Develop an Outreach list that is separate from the stakeholders list.	On-going
2	Chris Gray	Send a draft report on the Stakeholders Workshop to RBC members for their review and feedback	On-going
6	Theresa Weston & RBC Members	Send the list of residential meetings/conferences to Pratt for distribution to RBC members for review and comment	On-going

January 30, 2017 Las Vegas Winter Meeting

1	Jim Scarborough	Provide GGAC legislative related information for possible inclusion on the RBC website	On-going
3	Jeff Inks	Lead a task group to write the Reference Manual for RBC <i>Note: Charlie Culp to help</i>	On-going
6	Theresa Weston	Provide a one paragraph description (TPS) of the Buildings conference for use in publicizing/explaining the conference	On-Hold
7	Technical Subcommittee	Discuss how RBC could provide leadership to determine why Standards 55, 90.2, 62.2 aren't more widely used	Complete

April 12, 2017 Conference Call Web Meeting

3	Paul Francisco	Create and distribute a schedule with deadlines (completion, submission, publication) of residential Journal articles.	On-going
7	Lilas Pratt	Check on rules regarding posting Seminar slides from other conferences on the RBC webpage.	New

June 26, 2017 Long Beach Annual Meeting

1	Chris Mathis	Assign a Liaison from RBC to GGAC.	New
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June 26, 2017 Long Beach Annual Meeting			
2	Charlie Culp, Rick Karg, Paul Francisco, Chris Mathis, and Robert Bean	Do a deep dive search on existing residential educational offerings and provide recommendations to RBC in Chicago on what is needed and what RBC should act on	New
3	Theresa Weston & Neil Leslie	Submit proposals for program sessions at the RESNET and HPC conferences	New
4	RBC Members	Provide recommendations to Theresa Weston for membership on the Building Conference Series committee	New
5	RBC Members	Provide recommendations to Theresa Weston for workshops at the Building Conference Series committee	New

Meeting Minutes

1. Call to Order (Sherman) – Meeting convened at 8:10am PDT
 - a. Committee Structure – [Roster and Subcommittees](#)
 - b. Introductions
2. Review of Agenda
3. Approval of minutes (Sherman)
 - a. April 12, 2017 Spring Web Meeting
(File: [04-12-17 RBC Web_Mtg_MinutesDraft1.pdf](#))

Motion 1: The Chair brought the April 12, 2017 Spring web meeting minutes to the floor for approval.

Vote: Motion passed without objection

4. Announcements
 - Mr. Sherman provided information to the committee on the Healthy Homes Barometer, a report published by the Velux group on buildings and their impact on the health of Europeans.
5. Ex-O Report ([Attachment A](#))
 - Mr. Int-Hout reviewed the Ex-O presentation which provides information on the Society for standing committees.
6. Liaison Reports
 - a. Marketing and Communications
 - An email from Lauren Walters from the ASHRAE Marketing Group detailing procedures for obtaining marketing support is provided in [Attachment B](#).
 - b. Staff Report (Pratt)
 - No report at this time
 - c. GGAC

- Alice Yates reported that residential construction codes have been highlighted as a priority in GGAC. That committee has assigned Bill McQuade as a liaison to RBC and would like a reciprocal liaison from RBC to GGAC.

7. Old Business

- a. Review of [Action Items](#)

8. Subcommittee Reports

a. Stakeholders

- Mr. Mathis reported that the Stakeholder Workshop Final Report is complete and is just waiting on staff to add copies of the presentations to finalize. The report did include specific recommendations, those will need to be provided.
- Mr. Mathis also reported on the discussions during the subcommittee meeting which included:
 - Shot gun blast of 70-80 stakeholders
 - Need to prioritize activity based on workshop results
 - Target stakeholders where ASHRAE may want to prioritize partnerships
 - Asking where/how can best work together with those stakeholders to move forward common interests,
 - Identifying stakeholders that ASHRAE has not had robust interaction with including utilities and insurance industry.
 - Learning from past attempts at partnering with other organizations
- Dick Foster (ACCA, AHRI) suggested that ASHRAE partner with ACCA and noted that he would be happy to work with this committee and other organizations.

b. Publications

- Mr Francisco updated the committee on the status of the RTAR and Work Statement for the Multi-family Residential Design Guide:
 - Work statement sent to RAC, who conditionally accepted it with several requested changes. The committee will make the changes requested by RAC, but no other changes at this time.
 - Once the changes are made and the Work Statement returned to RAC, the project will be put out to bid on an accelerated schedule.
 - Money is being reallocated from several sources to augment what RAC has approved for the project. This will make it both a Special Project and a research project.
 - A roster has been proposed for the Project Evaluation Subcommittee (PES)

Motion 2: Francisco moved and Culp seconded to approve the PES roster for RP-1821 as Francisco (chair), Hourahan, Mathis, Gray, Bean, Haydock.

Vote: Motion passed 6-0-1 CNV.

- Journal Articles

- Tentative columns have been completed for the quarterly column (1500 words) for August (Bean/Hourahan– overview of IEQ and the impact on occupant comfort) and November (VanRite/Culp – duct calculator being reworked to cover research that has been done).

- The articles for the column are needed one to two months before publication. The next one would be published in February and is needed by December 2017.
 - Technical features (3000-4000 words) are needed 4 months in advance to accommodate the peer review.
 - The subcommittee will maintain a list of authors and topics.
 - One suggestion was to make columns more on the policy/current event side of things (i.e., what is RBC trying to accomplish).
 - All the articles will all be put into a digital bucket for a future digital residential-only issue.
 - Building Science Education
 - The basic concept is to bring key stakeholders together to make resources available to professors.
 - The committee will need to work with Pub-Ed and Student Activities.
 - Many organizations already develop curricula for professors while PDC develops courses. The best success for delivery is a possibly a model that has not yet been used so RBC needs to stay involved
 - The adapt bEQ Adhoc has now created a template for creating a full university course, but this may be more about resources than a full course.
 - The committee will discuss if an Education Subcommittee is needed.
 - Handbook Index for Residential content
 - Handbook committee sent something for the subcommittee to review, but it is very inadequate.
 - It is unclear if this activity belongs in Publications subcommittee
 - Education Initiatives
 - ALI course
 - Homeowner courses
- c. Conferences & Web
- Ms. Weston noted that the RESNET and Home Performance Coalition (HPC) conferences are accepting proposals and the subcommittee discussed submitting a session on ASHRAE RBC activities.
 - Weston provided an update on the Buildings Conference Series
 - This was a DOE/ORNL conference that is being transferred to ASHRAE. An intersociety agreement has not yet been signed formalizing this transfer.
 - Once the agreement has been signed, a formal committee can be appointed. In the meantime, an Adhoc working committee will be set up by the end of July. A list of potential members has been assembled. Andre Dejarlais will be chair and Weston will be vice chair.
 - A roster is expected by July 31 for RBC to vote on and recommend to CEC.
 - Suggestions for workshops at this conference are also requested.
 - Residential resources and information
 - A list has been developed and will be sent to Lilas Pratt for inclusion on the RBC web page.

d. Programs

- Mr. Leslie noted that Programs SubC will coordinate with Conferences SubC on content for all technical sessions.
- This subcommittee needs help with outreach to RVCs and chapters. Local chapters have disconnected from the national initiatives, so it is important to make them aware of what is available.
- Chicago Meeting Sessions
 - Sessions are requested for an Expo residential track on Monday in Chicago – this mini-track is only the residential track for that conference. The track is scheduled for 11am to 5pm.
 - The best combination of speakers and topics is needed to fill this track – it should add to what was done in Las Vegas. August 1 is the program submittal deadline.
- Research Summit – Houston Annual Meeting
 - Conference paper deadline is August 28 – members are highly encouraged to make conference paper submittals.

e. Technical (Fairey)

- Mr. Fairey provided an update on the RTAR on Thermal Comfort in Residences (TC 2.1) that was submitted to RBC for potential co-sponsorship.
 - The SubC met in May to discuss the RTAR and sent a number of comments back to the TC. The principle author met with SubC to discuss the comments.
 - The concerns were all addressed, so the SubC would recommend co-sponsoring the RTAR if that is what the TC is looking for.
 - Guest Dennis Loveday provided an overview of the scope of the RTAR and noted that rather than formally seek co-sponsorship, the TC is offering RBC a spot on the PES, PMS.
- It was further reported that Sam Glass / TC 1.12 is drafting two RTARs on the characterization of indoor moisturize. There will be a web meeting in September to discuss these RTARs. Palin from TC 1.12 will be leading the effort.

Motion 3: Fairey moved and Mathis seconded that RBC offer to co-sponsor TC 2.1's RTAR on Thermal Comfort.

Background: Co-sponsorship requires full participation in the project including membership on the PES, PMS, approval of the WS, all deliverables, and the final report.

Vote: Motion passed 9-0-0 CNV.

- Active House
- Globalization of Standards & Standards utilization
 - Mr. Fairey let a short discussion on the use of ASHRAE's residential standards.
- Status of Standard 90.2
 - The SSPC is in the last stages of responding to Public Review Comments from the review at the beginning of 2017. There will be a big push at this meeting to finish the responses.

- Homes constructed to this standard would be 30% more efficient than 2015 IECC. As such, Standard 90.2 is intended to be a leadership standard, but as a companion to Standard 90.1, there is concern that 90.2 will be viewed as a minimum standard which will be confusing and a marketing problem.
- One suggestion was for the committee to ask for a different number.
- Alternatively, ASHRAE could start working on the press releasing when the next public review goes out.

9. New Business

- a. 2017/2018 preliminary plans & MBOs ([Attachment C](#))
 - Mr. Mathis reviewed his preliminary plans and MBOs for the committee for Society Year 2017-2018.

10. Next Meeting

- a. Fall Web Meeting - TBD
- b. Interim Subcommittee meetings - TBD

11. Adjourn – Meeting adjourned at 11:56am PDT

Residential Building Committee Roster & Subcommittees

2016-2017 Committee

Voting Members: Max H Sherman (Chair), R Christopher Mathis (Vice chair), Constantinos A Balaras, Robert Bean, Charles H Culp III, Philip W Fairey, Paul Francisco, Chris Gray, Jeff Inks, David F. Lee, Neil P Leslie, Chris Van Rite, Iain S Walker, Theresa A Weston, David Weishuhn

Non-Voting Members: Glenn C. Hourahan (Consultant), Daniel C Pettway (Consultant), Dan Int-Hout, III (BOD Ex-Officio), Patricia Graef (Coordinating Officer)

2016-2017 Subcommittees:

- Conferences: Weston (Chair), Balaras, Lee, Walker
- Programs: Leslie (Chair), Balaras, Inks, Walker
- Publications: Francisco (Chair), Bean, Gray, Hourahan, (Haydock)
- Stakeholders: Mathis (Chair), Culp, Hourahan, Lee, Pettway
- Technical: Fairey (Chair), Bean, Culp, Gray, Lee, Inks, David Weishuhn

2017-2018 Committee (Members Appointed)

Voting Members: R Christopher Mathis (Chair), Theresa A Weston (Vice chair), Robert Bean, Charles H Culp III, Pankaj R. Dharkar, Paul Francisco, Patricia Graef, Chris Gray, Jeff Inks, Daniel Int-Hout, Richard Karg, David F. Lee, Neil Leslie Chris Van Rite, David Weishuhn

Non-Voting Members: Craig Drumheller (Consultant), Glenn C. Hourahan (Consultant), Van Baxter (BOD Ex-Officio), Ginger Scoggins (Coordinating Officer)

2017-2018 Subcommittees:

- Conferences: TBD
- Programs: TBD
- Publications: TBD
- Stakeholders: TBD
- Technical: TBD

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RULES OF THE BOARD – 2.423 RESIDENTIAL BUILDINGS COMMITTEE

2.423.001 SCOPE AND PURPOSE

This committee shall be responsible for identifying major residential trends impacting the practice of HVAC&R, informing the ASHRAE leadership and membership of these trends and their potential impacts, and making recommendations on new activities and policies in response to these trends. In addition, this committee shall serve as a resource to the Society on activities and issues that relate to residential impacts of building technologies including but not limited to ventilation, and thermal organizations that focus on residential buildings. The committee will be responsible for implementation of the residential aspects of the Strategic Plan.

2.423.002 MEMBERSHIP

2.423.002.1 Composition

The members of this committee are as follow

- A. Maximum of fifteen (15) voting members, including a chair and a vice chair;
- B. Voting members shall include:
 - 1. a past member of Standards Committee
 - 2. a past member of Research Administration Committee
 - 3. a past member of Members Council
 - 4. a past member of Environmental Health Committee
 - 5. a home builder or someone representing the home building industry
 - 6. a past chair or other committee officer of a technical committee involved in residential issues
 - 7. a member from outside the U.S. and Canada
 - 8. a representative of at least one major residential stakeholder such as ACCA or RESNET
 - 9. a past Society officer
- C. Non-voting members include a Board ex-officio member and coordinating officer.

2.423.002.2 Qualifications

- A. The chair and vice chair shall hold the grade of Member or higher in the Society.
- B. The majority of the voting members of the committee must be ASHRAE members of Associate Grade or higher.

2.423.002.3 Term of Service

The term of service for voting members is intended to be three (3) years, subject to ROB 3.300 *Election and Appointment Procedures*.

2.423.003 OPERATIONS

2.423.003.1 General Requirements

This committee shall maintain a long-range plan for ASHRAE's role in the "Buildings" conferences (sponsored by BETEC and ASHRAE) and submit this plan to Technology Council at the Annual Meeting.

2.423.003.2 Transportation Expenses

Transportation costs to bring members of other societies/groups with needed expertise to meet with this committee may be paid if approved by the chair of Technology Council.

2.423.004 STRATEGIC PLAN

This committee shall develop procedures for recommending updates to the strategic plan on a continuous basis. As a minimum the committee shall submit a report to the council prior to the Annual Meeting that includes the current status of each activity which supports the fulfillment of the committee's assignments under the strategic plan. The committee shall report to the council all recommendations for changes to the strategic plan as provided by the committee's constituents prior to the Annual Meeting.

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Upcoming Conferences

- **ASHRAE 2017 Building Performance Analysis Conference:** September 27-29, 2017 – Atlanta, GA. ASHRAE.org/BuildPerform2017
- **2017 Developing Economies Conference:** November 10-11, 2017 – Delhi, India. ASHRAE.org/Developing2017
- **2018 ASHRAE Winter Conference and AHR Expo:** January 20-24, 2018 – Chicago, IL. ASHRAE.org/Chicago and ASHRAE.org/AHRExp2018
- **Feasible Low-GWP Alternatives for Developing Economies:** Spring 2018 - Dubai, UAE



Attend President's Luncheon

Monday, June 26



Who is incoming President Bjarne Olesen?



ASHRAE Wants You!

- Standing committee appointments sought for 2017-18
- Speak with your committee ExO if you are rolling off and want to be nominated for another Committee or Council (beginning July 1, 2018)
- Self-nomination is also encouraged
- Nominations due by mid-September



www.ashrae.org/nominate



New and Enhanced Resources

eLearning Portal + Courses
www.elearning.ashrae.org



NEW Building EQ Portal + Course
www.ashrae.org/BuildingEQ
www.ashrae.org/educationalresources

Connect-a-Colleague
www.ashrae.org/connect



New Technology + Authoring Portal
www.ashrae.org/technologyportal
www.ashrae.org/authoringportal



Science and Technology
 in the Built Environment
www.ashrae.org/stbe

Updated TC Websites
www.ashrae.org/tcsites
ashraepcs.org



Website Redesign Has Begun...



...update by January 2018



Flammable Low GWP Refrigerants

- Multi-disciplinary Task Group (MTG) Low GWP is sponsoring 3 research projects aimed toward safety:

- \$800k** 1806-RP Flammable Refrigerants Post-ignition Simulation of Severity and Risk Assessment Update (\$800k)
- \$80k** 1807-RP Compile Existing Guidelines for Flammable Refrigerants Handling, etc. (\$80k)
- \$120k** 1808-RP Assessment of Field-made Mechanical Joints for Safe Use With Flammable Refrigerants (\$120k)

- The MTG will communicate their findings to Standards and Codes bodies once the research is complete.



AHRI has sponsored a number of risk assessments to evaluate the probability of ignition events occurring as a result of refrigerant leaks.

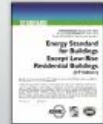
Learn more at www.ashrae.org



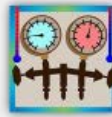
Recent Publications



Standard 55 User's Manual
Standard 62.1-62.2 User's Manuals



Standard 62.1 - Ventilation for Acceptable Indoor Air Quality
Standard 90.1 - Energy Standard for Buildings Except Low-Rise Residential Buildings



Superheat Calc App
(iTunes & Google Play)
(HOL)

ASHRAE Duct
Fitting Database



UFAD Owner Guide



Standard 214 - Determining and Expressing
Building Energy Performance in a Rating Program



Upcoming

Publications

- ASHRAE GreenGuide, 5th edition
- ASHRAE Design Guide for Cleanrooms
- ASHRAE Design Guide for Duct Systems
- ASHRAE Design Guide for Air Terminal Units
- ASHRAE Design Guide for Dedicated Outdoor Air Systems
- ASHRAE Design Guide for Sustainable Refrigeration Facilities and Systems
- Advanced Energy Design Guide for K-12 School Buildings (Achieving Zero Energy)
- Principles of Heating, Ventilating and Air-Conditioning, 8th edition
- Standard 189.3 - Design, Construction, and operation of Sustainable High Performance Health Care Facilities

Courses

- Variable Refrigerant Flow System Design & Application
- Refrigerants Literacy
- School of Hard Knocks: Controlling Moisture & Humidity in Buildings
- Ethics for the Built Environment Professional Engineer
- Building EQ: Benchmarking and Assessment of Building Energy Performance



Social Media Engagement

Society Year 2016-2017

Followers Jan 2017 Annual Increase



47,908

20%



13,965

18%



25,390

38%



1,649

120%



Member Review:
ASHRAE is the
best source to
find solutions for
designing HVAC!



ASHRAE Nominations

ASHRAE website links are always active for member nominations to Board-elected Standing Committee and Council Positions, Appointments to Committees, and Board Officer and Director Recommendations. Once the deadline has passed, your recommendation will be held until the following year's election or appointment session.

When submitting your nominations, please include in the "comments" section the reason you recommend an individual for service in a particular position or committee. Complete qualifications are listed in the Rules of the Board and job descriptions are available on the ASHRAE.org website.

<p>Board Officer and Director Recommendations:</p> <p>Link closes for the following Society year each September 29th</p> <p>https://www.ashrae.org/board</p>	<p>Board-elected Standing Committee and Council Nominations:</p> <p>Link closes for the following Society year each September 15th</p> <p>https://www.ashrae.org/leadership</p>	<p>Standing Committee Nominations, Appointed by the President-Elect:</p> <p>Link closes for the following Society year each February 15th</p> <p>https://www.ashrae.org/committees</p>
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Board-elected Committee and Council Positions

ASHRAE BODY	Minimal Qualifications
Technology Council	<ul style="list-style-type: none"> One past voting member from each of the following committees: Research Administration, Standards, Technical Activities and from the Board of Directors. Three (3) at-large members with broad experience and expertise relevant to this council.
Publishing & Education Council	<ul style="list-style-type: none"> One past voting member from each of the following committees: Certification, Electronic Communications, Handbook, Professional Development, Publications. Two (2) at-large members with past broad experience and expertise relevant to this council.
Standards Committee	<ul style="list-style-type: none"> Membership of this committee shall be members of ASHRAE. Members shall be selected from various interest groups to prevent dominance of any single interest and may include representatives of interest groups such as manufacturers, consultants, educators, trade associations, government, testing/research laboratories, utilities, code bodies, contractors, consumers/users, and environmentalists.
Research Administration Committee	<ul style="list-style-type: none"> Candidates shall be current members of the Society, in Member grade or higher, and have been active members for a minimum of five years. Candidates normally will have served on more than one Technical Committee (TC), Task Group (TG), Multidisciplinary Task Group (MTG), or Technical Resource Group (TRG), for an aggregate of ten or more committee years. All members of this committee should have significant experience with ASHRAE research activities in one or more technical committee (TC, task group (TG), or standing standards project committee).
Technical Activities Committee	<ul style="list-style-type: none"> All members of this committee shall hold Member grade or higher in the Society and shall have been members for three (3) years prior to the start of their terms. All members shall have held at least one leadership role in the Society as chair of a technical committee. All members shall have served on at least one technical committee (TC), task group (TG), multidisciplinary task group (MTG), or technical resource group (TRG) as a voting member for an aggregate of three or more committee years.
Handbook Committee	<ul style="list-style-type: none"> The chair, vice chair and volume/subcommittee chairs shall hold the grade of Member or higher. All members of the committee shall be voting members of ASHRAE. Members should have TC Handbook subcommittee experience and knowledge of a broad range of technical topics.
Nominating Committee	<ul style="list-style-type: none"> Each member of this committee shall hold the grade of Member or higher in good standing in the Society for a period of at least 5 years at the time of selection. Members and Alternates to the committee shall be individuals knowledgeable in Society affairs.



Standing Committees, Appointed by the President-Elect

Body	Minimum Qualifications
Audit	<ul style="list-style-type: none"> Current member of the Board of Directors who has not received compensation from ASHRAE for the past three years. Financial experts who can bring a working knowledge of financial reporting, internal controls and knowledge of the Not for Profit sector.
Building Energy Quotient	<ul style="list-style-type: none"> Members should be considered for their broad business and marketing experience as well as required technical expertise to guide the development and support of the enterprise. Familiarity with the BEAP and BEMP certifications is also encouraged.
Certification	<ul style="list-style-type: none"> At least two (2) of the voting members shall be current ASHRAE certification holders. Members should have an awareness of the current educational programs available from the Society and the technical information needs of various segments of the HVAC&R industry. Membership should include broad representation from the HVAC&R industry, including the academic, design, construction, facility operations, and manufacturing communities.
Conferences and Expositions	<ul style="list-style-type: none"> Members should have previous experience serving on technical or standing committees. Membership should include several members who have recently served as Technical Committee program subcommittee chairs. Members should have educational and technical background to bring balanced and mature judgment to bear in qualifying technical papers.
Development	<ul style="list-style-type: none"> The Chair, Vice Chair and Members at Large should have served on the RP Committee, Foundation Board, or should have significant Society leadership experience.
Electronic Communications	<ul style="list-style-type: none"> Membership should include at least one past voting member from each council. A substantial number of the members shall have recent experience with electronic communications technologies.
Environmental Health	<ul style="list-style-type: none"> There is no member grade requirement for committee members, nor requirement for ASHRAE membership. However, it is essential that committee members have specialized professional experience in the area of indoor air quality or environmental health.
Finance	<ul style="list-style-type: none"> It is suggested that appointments to this committee be made of ASHRAE members who could be considered potential officer candidates.



Standing Committees, Appointed by the President-Elect

Body	Minimum Qualifications
Historical	<ul style="list-style-type: none"> No requirements.
Honors and Awards	<ul style="list-style-type: none"> Committee membership should include at least one Presidential Member, at least one Fellow, at least one resident of Canada, and at least one resident from outside the U.S. and Canada. Since the work of this committee is secret, members should have a reputation for discretion. All members should possess high professional stature.
Planning	<ul style="list-style-type: none"> All voting members except the member who represents YEA must hold the grade of Member or higher in the Society. All councils should be represented in the voting membership of the committee. Members who are serving or have served as Board members. One each: Vice President (who serves as coordinating officer), DAL, DRC.
Professional Development	<ul style="list-style-type: none"> Membership should include broad representation from the HVAC&R industry. No one interest group should dominate the membership. A majority of the committee members should have experience as developers or providers of continuing education products.
Refrigeration	<ul style="list-style-type: none"> Committee members should be refrigeration-oriented persons and should include a cross-section of the refrigeration industry.
Residential Buildings	<ul style="list-style-type: none"> The majority of the voting members of the committee must be ASHRAE members of Associate Grade or higher.
Society Rules	<ul style="list-style-type: none"> All members shall have been members of the Society for 8 years prior to appointment. Members should be incoming officers of the Society or incoming Directors.



Questions?

Thank You For All You Do!

Please let your ExO know how and where you'd like to serve next.



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Attachment B – Marketing/Communications Report

From: Walters, Lauren
Sent: Monday, April 24, 2017 4:01 PM
To: Pratt, Lilas
Cc: Gupta, Vanita ; Wilson, Anne
Subject: RBC Marketing

Hi Lilas,

After speaking with my supervisor, it was determined that the Residential Building Committee's marketing needs do not require a **committed** marketing professional and can be met by our online staff resources page (handled by committee staff liaison). This resource offers several marketing needs such as requesting a social promotion, email blast, video, website updates, etc. Listserv emails are handled by the committee's staff liaison, but we do have a new email system Real Magnet which gives a crisp, branded look to our emails for email blast requests. For future press releases, please contact Kristin Gokce. If any Building EQ or GGAC related marketing initiatives arise from RBC, I'd be more than happy to step in.

Let me know if you have any questions.
Thank you,
Lauren

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Thank You!

Dr. Max Sherman

Presidential Ad Hoc
Chair of RBC 2 Years

Residential Building Committee 2017-18

MY Hopes...

- Continue the momentum of the RBC
 - Build on past accomplishments
 - New initiatives
- Monthly meetings (~1 hour)
 - Even if just update/touch base
 - Brief reports on how the subcommittees are progressing on their plans/projects
 - Where help is needed, etc.
- Advance our MBOs
 - Will review below

RBC Subcommittees

- Technical: Dr. Charles Culp (Gray, Lee, Inks, Weishuhn, *Graef, Int-Hout*)
- Publications: Paul Francisco (Bean, Culp, *Graef, Karg*)
- Stakeholders: Dr. Chris Gray (Weston, Lee, Van Rite, *Hourahan*)
- Conferences: Dr. Theresa Weston (Lee, *Drumheller*)
- Programs: Neil Leslie (Bean, Inks, *Dharkar*)

Italic = (Unassigned subcommittee members)

Subcommittees

- Encouraged to meet at least monthly
 - 30 minutes? Hour? Your discretion...
- Develop priorities/action plans for each subcommittee
 - Connected to MBOs and our long term objectives
 - Help shape MBOs (if needed)

RBC Draft MBOs - 2017-18

Item #	MBO	Status	Due Date	Assigned To	Applicable Strategies	Specific MBO Actions
1	Generate Journal articles to be compiled and used in a special Residential digital issue	New	7/1/2018	Publications Subcommittee, Francisco	5A, 1B, 3B, 4A, 4B	<ul style="list-style-type: none"> • Articles will be published periodically in the Journal over six to seven months. • Published articles will be compiled for an on-line digital issue which will be marketed to targeted residential stakeholders - DIFFERENT than regular Journal marketing efforts. • Partner with Developing Economies Committee
2	Develop a Residential Multi-family Design Guide	On-going	4/1/2018	Publications Subcommittee, Balaras	4A, 4B, 5A	<ul style="list-style-type: none"> • Look for outside \$ support • Request expedited RFP process (Summer 2017 vs. Fall 2017) • Publish ASAP, targeting spring 2018. • Identify additional potential partners and stakeholders for ASHRAE Residential products, especially 90.2 and the Residential Design Guide.
3	Extend stakeholder outreach to the Utility, Mortgage and Insurance Sectors	New	7/1/2018	Stakeholders Subcommittee, Gray	5A, 2C, 1B	<ul style="list-style-type: none"> • Extend our outreach to existing stakeholder partners engaged in residential building performance education and outreach, such as DOE and ICC

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4	Extend Residential Training and outreach through professional development offerings, conference presentations and DL programs	New	7/1/2018	Programs Subcommittee e. Leslie	3D, 5A	<ul style="list-style-type: none"> Develop residential-focused presentations and program plans for 2017-18 Annual and Winter conferences. Outreach to CTC, GGAC, and Pub-ED on residential training, programs and support. Work with PDC to develop two residential courses (PPTs) for homeowners and contractors for presentation by ASHRAE members. Identify additional representation needed on the RBC.
5	Extend/Expand the interest in, and membership of, the Residential Building Committee	New	7/1/2018	All, Mathis, Weston	1B, 1C, 2C, 4A, 4B, 5	<ul style="list-style-type: none"> Seek additional members from those interests. Develop proposed new membership plan by 7/1/2018 for consideration by SRC (ROB changes) and Tech Council OPS Subc (MOP changes). Survey TCs to identify current residential research already underway. Review additional potential research needs identified from past stakeholder's workshops. Survey targeted stakeholders for potential collaborative research endeavors.
6	Extend our role in research supporting the residential built environment.	New	7/1/2018	Technical Subcommittee, Culp, Weston	3A, 5A	<ul style="list-style-type: none"> Extend our research delivery through continued sponsorship efforts on the Buildings conferences

Subcommittees please:

- Review MBOs, Current and Past Activities
- Draft future plans/efforts
 - Who do we need?
 - What do we need?
- Communicate!
 - Website
 - Listserve
 - Basecamp
 - Lilas!!!