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Student Activities Committee Meeting Agenda 2025 Winter Meeting Orlando

Friday, February 7, 2025 - 01:00pm - 05:00pm (EST)

remember to acknowledge all guests

	<u>Item</u>	<u>Start Time</u>	<u>Duration</u>
Part 1	<u>General Business</u>		
	Call to Order	01:00	5, Nienhueser
	ASHRAE Code of Ethics Commitment In this and all other ASHRAE meetings, we will act with honesty, fairness, courtesy, competence, integrity and respect for others, and we shall avoid all real or perceived conflicts of interests. https://www.ashrae.org/about/governance/code-of-ethics		
	Welcome and Introductions • Meeting procedures • Student consultant • Agenda review and approval	01:05	5, Nienhueser
	Approval of Minutes		
	Board ExO Comments	01:10	10, Wright
Part 2	<u>Subcommittee Reports</u>		
	Accreditation	01:10	10, O'Neal
	K-12/STEM	01:20	5, MacDonald
	Post-High	01:25	20, Summers
	Grants	01:45	10, Rojas
	Design Competition	01:55	10, Chinn
Part 3	<u>Old Business</u>		
	Review Committee and sub-committee MBO's – Attachment A	02:05	20, Nienhueser
	BREAK 15 min	02:25	15, All

Part 4	<u>Executive Session</u>		
	Grants Approval	02:40	15, Rojas
	High School Design Competition	02:45	15, MacDonald
	Board ExO Comments	03:00	10, Wright
	Planning Committee feedback Strategic Plan and Fiscal	03:10	10, Wright/All
	Strategic Planning Committee – Strategic Plan	3:20	15, Macauley
Part 5	<u>New Business</u>		
	SMART program	03:35	10, Winstead
	Liaison Activity	03:45	10, Snow
	PAOE RVC Challenge	03:55	5, Snow
	Referred Motions Attachment B	04:00	15, Nienhueser
	BREAK 5 min	04:15	5, All
	PAOE Review and Comments	04:20	
	Attachment C • Post High • K-12/STEM • Grants • Design Comp		5, Summers 5, MacDonald 5, Rojas 5, Chinn
	• Open Discussion for New Ideas	04:45	5, All
	Review run of show for Student Program, assign tasks	04:50	10, All
	Meeting Adjourn	05:00	

Notes:

Accreditation:

- Working to build in DEI considerations into the ABET reviews and requirements for the programs to be inclusive etc.
- Overall the number of engineering programs seeking accreditation through ABET has been going up. Much of the growth is international programs.
- February 4, 2025: ABET approved the removal of all sections of the criteria that address DEI starting in the 2025-2026 accreditation cycle. Approved the closure of public comments related to DEI. Directed those visiting campuses this fall to ignore any DEI related requirements in the criteria for the 2024-2025 accreditation cycle.

- Currently ASHRAE only oversees 3 programs. It was 9 programs in the past. 3 programs no longer exist, and 3 others have not maintained accreditation. Sinclair Community College has a new dean that decided in 2023 they did not need to have the program be accredited.
- Will continue to rely on other societies to get PEV Visits. (Evaluations)

K-12 Stem:

- Multiple Translations becoming available of Lucy Books
- Looking for ways to share info on how to work with K-12 groups
- Had 3 submissions for the High School Competition
- 1 application for youth outreach
- Sunday will have an activity

Post High:

- Next 2-3 days we have:
 - Student program begins Saturday at 1pm. Welcome, speaker, awards and keynote speaker.
 - Plenary at 3:15 Saturday.
 - At 5:30 come back for poster session and SA/YEA Mixer.
 - Sunday student program starts at 8am. Tech talk, resume workshop, stem group activity, Lunch, Career Panel. Student Tour was cancelled due to security concerns.
 - Monday we will have the Student and SBA roundtables. Career panel and AHR expo tour.
 - Discussed virtual orientation for Winter Conference. About 75 students attended.
 - We are missing a social media presence. Looking into ways to better promote the committee and what branches throughout the world are doing.
 - Had an applicant for the Student Activities Award and the sub-committee decided the applicant had not achieved this award. Did not meet the full criteria of what was expected. Want to push the RVC's to nominate someone, or multiples, from their region that would qualify for it.
 - Brought up the idea of a student branch of the year award. We have an award for the SBA but not the branch.

MP Liaison:

- MP committee is hosting Women in ASHRAE breakfast on Monday at 7am. Topic for this year is Work Life Balance
- Hosting 2 Seminars on Sunday. Professionals with young families and
- MP Chair training site wiki has been developed and is out for use.
- MP has curated a presentation for DEI chairs to use as a start for presentations to their chapters.
- Have a survey going as why members are dropping. Share any thoughts with MP as to what is being seen and ideas to help.

Board XO:

- Buzz Wright Region X is our XO. He was previously a RVC.

- Marketing added the word Global to the tagline.
- 2025-28 Strategic Plan is available for download. Will be rolled out at the annual conference. Think of how the strategic plan will impact MBO's.
- GAC- lot going on right now with the new administration.
- RP raised \$2.7M and \$1.5M for endowments. Minimum for Endowment is \$3000 to be donated over 3 years. Then it will donate \$150 for life. Will meet full circle.
- New standards and guides are available.
- New decarb professional certification. Study guide is available.
- Dennis Knight will be at the ASHRAE Booth Monday at 3pm.
- Region XV is official. India, Bangladesh and Sri Lanka.
- February 14th is deadline to be nominated for appointed committees.
- Member benefits have been updated. You can select your benefit.
- New members get free handbook for 12 months or a free Registration to Winter or Annual meeting.
- Honors and awards deadline of May 1 for Fellow, Honorary Member, ASHRAE HOF, etc.
- Send all inquiries about statements on behalf of ASHRAE to publicrelations@ashrae.org.

Rob from Membership Ad Hoc:

- Ad Hoc is tasked with simplifying the membership
- Student Members have a reduced rate.
- Will have 4 levels of fees based on categories from the World Bank. Matching what other organizations around the world have for membership fees.
- Benefits will be changing. Online handbook will be available for everyone.
- Minimizing the quantity of types of memberships.
- Student, Student Branch Advisor, Young Professional for 2 years, Member. Progression is much shorter to become a member who can hold certain positions.
- Proposal going to the board on Sunday. Process will take at least a year to implement. Would be discussed in Vegas next year, then voted on in 2027, then implemented a year later.
- YP membership is estimated to be about 60% of full membership. Have added more benefits with the increased price.
- Part of the process is a massive update the membership bands and will make progression automatic as long as bios are up to date.
- Life membership will be tiered. Existing will stay the same. Second tier is Tenured Professional with reduced rate and then the Life Membership will follow the distinguished service award application points process. Current is 65 with 30 years paid.

Grants:

- Had 93 applications and awarded 10 student travel grants.
- Worked to connect winners to RVS's and SA chairs in their region.
- 93 equipment grants received. Looking to award about 32 projects totaling around \$157k with \$8k in travel.
- Reviewing the scoring rubric and making updates as necessary.
- Looking to find more ways to promote. Updating existing videos and creating a new video for student travel grants.

Design Competition:

- 2024 awards being handed out tomorrow.
- 2025 is a school in Memphis with labs
- Working on ideas for Applied Engineering Challenges. Have good ideas to use for this year and have ideas to roll into future years.
- Judging criteria are being worked on to simplify and provide supplemental resources to the students.
- We have 2 motions we will discuss later.
- Will have 2026 competition set in April.

Planning Committee:

- Dustin McCauley Co-Chair of Planning Committee
- This plan is slightly shorter and will be 3 years. Ready to roll with come July
- Want to know if we have ideas that align with the plan and support us in trying to fund and execute these ideas.
- Plan is on the website. [Ashrae.org/planning](https://ashrae.org/planning)
- Plan took a year to develop and be approved.
- Started with a survey to members and non-members as well as interviews with key stakeholders.
- We are operating from a position of strength in forming these plans.
- Looking into how we can be more nimble and agile as a society.
- Strategic Initiatives
 - Health, Sustainable and Resilient Communities
 - Empowered Workforce
 - Organizational Agility
 - Emerging Technologies

Break 2:50-3:05 and returning in Executive Session.

Bob is now Sargent in Arms.

Exec. Session

Grants:

- Top Grant is Emery Riddle and Second is College of Science and Technology, Bhutan.
- Reaching out to Memphis about if they can do the Project for \$5k. If not, we will pass on the prize to the next highest score.
- Omar moves to approve the award list. Kevin Seconds.
 - Motion approved 14-0-0 (Andy not in room)

K12 High School Comp:

- Three Submissions. One was definitively above the others.
- Winner: El-Ola School
- Rising Star: KIPS Students
- Third submission was very similar to last years submission with stuff directly copied.
- Kevin Motions to approved of the award of first place and a rising star. Mauriel Seconds.

- Passes 15-0-0
- Youth Outreach Award:
 - Recommend Juliana Velez
 - Motion to Approve by Natalie Second by Kevin
 - Motion passes 15-0-0
- Student Activity Achievement
 - One applicant but they have only been involved over the last 3 years.
Recommended to keep doing well and reapply in a few years.
- SMART Program
 - Engaging instructors and apprentices to join ASHRAE and be involved.
 - Goal is to have designers come in and work hand in hand with fabricators to better collaborate on projects in the future.

SA5 add PAOE for Regional Officers, DL, or Society member to attend a K-12 event during a chapter visit.

SA5.4 Increase from 50 points to 200 points and a 600 point maximum.

Intent is to promote the competition and get the HS kids involved more. This year 3 applicants.

SA6.18 Remove in person or virtual and make that a bonus of 20 points. Add student travel grant and make max 100.

ATTACHMENT A

Sub Committee Specific MBOs

	Who	Description	Completion % /Date
General	Hold paramount our relationships with chapter chairs, and then to each of our other committee members. Our task is to ensure they are equipped and have support.		
	Chair/Vice Chair	Review the SA programs, budget and expenses and make recommendations to the Planning Subcommittee by the Winter Meeting for any updates.	
	Entire Committee	Evaluate alternate methods for promoting the value and benefits of ASHRAE members participating in SA activities (K-12 and post high) and the value to membership, specifically by the end of Q2.	
	Grants Sub-committee	Evaluate the review the review criteria for undergraduate equipment grants and identify and recommend additional ways to promote inclusion amount eligible participants and ASHRAE Regions by the end of Q4.	
	Design Comp Sub-committee	Evaluate evaluation criteria used for judging of the design competitions as well as evaluate the inclusion of DEI. Judging criteria to be reviewed by Q2 and evaluation of the inclusion of DEI by Q4.	
	Each RVC	Have fun!	
Post high Sub Committee	Provide equity within our programs to engage post high students in HVAC related careers - create awareness, provide opportunities, and receive feedback.		
	All	Be bold and have fun	
	All	Host 2 virtual round table sessions with more than 50 students/SBAs in attendance	
	All	Host 3 virtual student DLs with more than 50 students in attendance. (At least one with a DEI component)	

	All	Create and maintain a Student Activities Instagram account; get 199 followers by June 30th, 2025	
	All	Plan Orlando Student Conference	
	All	Host Resume workshop	
	All	Improve quantity and quality of SBA of the Year award applicants	
K-12 Stem Sub Committee	Provide a culture of equity for students to engage K-12 students toward Engineering, with a focus on HVAC related field.		
	All	Plan and run K-12 STEM Event at Winter Program: improve on what we learned at Winter 2024	
	All	Develop guidance for chapters on developing partnerships with other organizations (ACE, Girl Scouts, etc.)	
	All	Support new translations for Lucy Goes Green	
	All	Evaluate alternative ways to promote SA Activities, specifically K-12, to ASHRAE members (BY WINTER CONF)	
	All	Increase STEM Leadership Award (10 submissions)	
Grants Sub Committee	To increase student's interest and awareness in HVAC, make connections with industry with the aim to attract students into HVAC.		
	All	Update remaining GrantFlix videos and add a Travel Grant Video	
	All	Increase number of equipment grant application submissions to 85 this year.	
	All	Have at least one grant applicant per region for both equipment and travel programs.	
	All	Increase travel grant application submissions to 80.	
	All	Evaluate review criteria for undergraduate equipment grant, identify and recommend additional ways to promote inclusion in all Regions by end of Q4.	

<i>Design Comp Sub Competition</i>	Provide an environment of equity in the competition and engage all members.		
	All	Evaluate the judging criteria for the competitions and ensure requirements are inclusive with language and concepts.	
	All	Judging Criteria: More Guidance, between rubric and current requirements. Preview and review at winter meeting with design comp wording	
	All	Inclusive Language and Concepts: Metric/English units.	

Committee MBOs

MBO #	Description	Metric	Initiative #	Goal #	Comp. % /Date	Strategic Plan Tally											
						Initiative #				Goal 1		Goal 2			Goal 3		
						1	2	3	4	a	b	a	b	c	a	b	c
1	Review the SA programs, budget and expenses and make recommendations to the Planning Subcommittee by the Winter Meeting for any updates.	Recommendations to be provided to Members Council by Winter Meeting 2025.						x	x			x					
2	Evaluate alternate methods for promoting the value and benefits of ASHRAE members participating in SA activities (K-12 and post high) and the value to membership,	K-12 and Post High Sub-committee is assigned to: -Provide recommendations or alternate methods for promoting participating in SA activities to Members Council by Winter Meeting 2025.							x								

	specifically by the end of Q2.																
3	Evaluate the review the review criteria for undergraduate equipment grants and identify and recommend additional ways to promote inclusion amount eligible participants and ASHRAE Regions by the end of Q4.	Grants Sub-committee is assigned: -Review the judging criteria and undergraduate equipment grants applications for inclusive language and concepts.							x								
4	Evaluate evaluation criteria used for judging of the design competitions as well as evaluate the inclusion of DEI. Judging criteria to be reviewed by Q2 and evaluation of the inclusion of DEI by Q4.	Design Comp Sub-committee is assigned: -Review the judging guidelines -Review the design competition criteria for inclusive language and concepts.							x								

ATTACHMENT B

ATTACHMENT C

PAOE Student Activities 2024
Recommended changes: