

**Student Activities Report to Members Council  
From Student Activities Committee Meeting  
January 19, 2024  
Chicago, Illinois, USA**

<b><u>Members Present</u></b>	<b><u>Members Absent</u></b>	<b><u>Guests</u></b>	<b><u>Staff</u></b>
Kellie Huff, Chair	Nancy McBee, Reg VII	James Arnold	Katie Thomson
Shaun Nienhueser, Vice-Chair	Robert Bittle, ABET ETAC	Andreas Antzoulatos	
Ashley Keller, Reg I		Daniel Brown	
Elizabeth Primeau, Reg II		Petros Dalavouras	
Andy Hobson, Reg III		Nikoletta Develekou	
Natalie MacDonald, Reg IV		Lambros Doulos	
Bob Snow, Reg V		Sara Fazel	
Kevin Summers, Reg VI		Chonghui Liu	
Jackie Hay, Reg VIII		Nikolaos Nikolopoulos	
Corey Chinn, Reg IX		George Orfanos	
Omar Rojas, Reg X		Honey Patel	
Justin Albo, Reg XI		Katlyn Stoker	
Juliana Pellegrin, Reg XII		Filza Walters	
Fu-Jen Wang, Reg XIII		Buzz Wright	
Alkis Triantafyllopoulos, Reg XIV			
Yashkumar Shukla, RAL			
Dennis O'Neal, ABET BOD			
Mansour Zenouzi, ABET EAC			
Eileen Jensen, BOD Ex-Officio			

## **Referred Motions**

**Fall 2023 CRC Region-at-Large India Chapter - Motion 36 (October 7, 2023):** Increase the prize money to \$5,000 for the first prize money for the HVAC Design Calculations and HVAC System Selection students' competition. Starting SY 2024-2025.

**Background:** The prize money for Student Design Competition Award for first position is only 2000 USD. Time involvement is intensive around 18 months, in which students has to learn about building physics, HVAC Concepts and undergo reading of several standards & Handbook. This has led to low level participation and involvement time by the students. To encourage and motivate, it is recommended to Increase prize money to 5000 USD from the next society year.

**Fiscal Impact:** \$6,000

**Staff Impact:** Left Blank

**CRC Vote:** 27-0-1

Answer: Defeated

Vote: 0-14-CNV

Comments: The Student Activities Committee feels the prize money for the HVAC Design Calculations and HVAC System Selection categories is adequate. We receive an adequate number of submissions in both categories (28 for HVAC Design Calculations and 18 for HVAC System Selection) in SY23-24 and do not feel that the prize money is a driving factor in submission quantity. The Student Activities Committee would support a motion to increase travel funding for more of the winning team members to attend the Winter Conference because we feel that would be beneficial to the students.

**Fall 2023 CRC Region-at-Large Pune Chapter - Motion 42 (October 7, 2023):** It is proposed to initiate a student exchange program between regions. This will help inter-region interaction and students will be able to experience the activities carried out at different regions. Experience different technologies in use and develop connections with professionals. Starting SY 2024-2025.

**Background:** Students are exposed to activities within their chapter. Student exchange program will give an opportunity to experience activities done in a different geographical region and interact with students, chapter members, industry or site visits etc. 3 Students can be selected from each region through a pre-determined criteria through a system where they can apply to their home chapter.

**Fiscal Impact:** 3 students x 15 regions x USD 350 per student = USD 15750/year by Society and accommodation and other expenses can be shared by the applicant and the home Chapter and/or Region.

**Staff Impact:** Left Blank

**CRC Vote:** 18-7-3

Answer: Defeated

Vote: 0-14-CNV

Comments: The Student Activities Committee believes the intent behind this proposed initiative is good but feels it is something that should be coordinated by regions rather than Society. There is not enough information about what the program would entail, and the fiscal impact seems inaccurate.

### **Information Items**

1. Executive Committee
  - Review of all subcommittees were made.
  - Current PAOE points were discussed and recommendations for changes for SY24-25 were made – see [Attachment A](#)
2. Centralized Training
  - Live webinar session to be scheduled in June ahead of Annual Meeting
  - On-demand videos have been created by each subcommittee and uploaded to the website.
  - All SA Chairs and SBAs registered for Centralized Training will be encouraged to watch the videos in advance so that the live session can focus on questions and best practices.
3. ABET Subcommittee
  - ASHRAE had one assignment in this year's accreditation cycle at College of Technological Studies, PAAET in Kuwait and Dr. Samir Traboulsi was the PEV for his first visit.
  - Two new PEVs will participate in training this Spring.
  - Ongoing collaboration with ASME and ASCE to get our PEVs assigned to visits.
4. K-12/STEM Subcommittee
  - The subcommittee supported the development of the second children's book (K-6) with Danielle Passaglia with the Publications and Education Committee.
  - Various translations of the first book have been developed to focus on our DEI initiatives.
  - A 3D modeling competition for high school students was piloted in SY22-23 with prize money from the existing SA budget. For the SY23-24 competition there were five submissions reviewed by the subcommittee and the winners will be notified in March.
  - K-12/STEM marketing material is being reviewed and will be updated.
  - No nominations were received for the Youth Outreach Award.
5. Post High Subcommittee
  - In-person Student Program on Saturday and Sunday of Winter Conference. See [Attachment B](#) for details.
  - No nominations were received for the SA Achievement Award.
  - Student Membership
    - The total number of student members as of Dec 31, 2023 was 6,483 with 4,438 active and 2,045 in grace (6.87% increase from Dec 2022)
    - Branches – Ten pending branches bringing the total to 13 new branches for SY23-24

Region	Student Branch	School	Chapter	Location
XIV	Sweden Student Branch	KTH Royal Institute of Technology	Region XIV - Other	Stockholm, Sweden
XIV	University of Hull Student Branch	Hull University	ASHRAE UK	Hull, UK
XIV	Hellenic Open University Student Branch	Hellenic Open University	Hellenic	Patras, Greece
XII	Infocal Santa Cruz De La Sierra Student Branch	Fundacion Infocal Santa Cruz	Argentina	Santa Cruz De La Sierra, Bolivia
IX	Weber State University Student Branch	Weber State University	Utah	Ogden, Utah
XIII	UTHM Student Branch	Universiti Tun Hussein Onn Malaysia	Malaysia	Batu Pahat, Johor, Malaysia
RAL	RUET Student Branch	Rajshahi University of Engineering & Technology	Bangladesh	Rajshahi, Bangladesh
RAL	ADCET Student Branch	Annasaheb Dange College of Engineering & Technology	Pune	Ashta, Maharashtra, India
RAL	Poornima University Student Branch	Poornima University	Rajasthan	Vidhani, Rajasthan, India
RAL	Oxford School of Architecture Student Branch	Oxford School of Architecture	ASHRAE Bangalore	Bangalore, Karnataka, India

#### 6. Grants Subcommittee

- 88 applications were reviewed and scored. 38 projects will be funded for SY24-25 for a total of \$155,000 and \$10,000 will be used to fund travel for the top two scoring teams to present at the 2025 Winter Conference in Orlando.
- Plans to create new marketing material (videos and flyers) to support the equipment grants and travel grants programs.
- 72 applications were received for the Winter Conference travel grants funded by Life Members Club. Five \$1,000 grants were awarded.

#### 7. Design Competition Subcommittee

- The 2025 Design Competition location (England) and building type (Medical Office Building) were finalized and the competition details will be added to the website before the 2024 competition deadline.
- The Building EQ Competition was run for a second year, but we received only one submission. For the 2024 competition the deadline will match with the Design Competitions to hopefully increase participation.



4	Increase the amount of award applications for SA awards	Track the amount of award submissions in each category: Scholarships, SBA of the Year, Youth Outreach Award, SA Achievement Award, and STEM Leadership Award	1, 3, 4	ALL	0%	x		x	x	x	x	x	x	x	x	x	x
5	Improve the amount and quality of grant submission by changing the award amount and increasing awareness of grants and travel grants	Submit motion at Fall Members Council for change to Grant 1st place award, increase travel grant applications to 45, increase grant applications to 80, have at least one application per region, have 5 submissions from trade schools	1, 2, 4	1a, 1b, 2a, 2b, 2c, 3a, 3c	100% on qty, 87% on 1 per region	x	x		x	x	x	x	x	x	x		x
6	Improve the judging process of the design competition and include DEI	Review and update judging guidelines in Q4, evaluate how we can promote DEI in the competition for 2024-2025 by Q2, and evaluate the process for more transparency in Q4	ALL	ALL	100% on DEI, others in Q4	x	x	x	x	x	x	x	x	x	x	x	x

## **Attachment A: PAOE Recommendations**

South Brazil Chapter Motion 27 (8/04/2022):

That the Student Activities Committee makes Student Member attendance at the ASHRAE Winter Conference Student Program from international chapters worth 50 points for each student, effective July 1, 2024

Committee response: The Student Activities Committee is supportive of the idea but overall do not agree with the motion. We propose an additional 25 bonus points for any student coming from outside of the continental united states to attend the Winter Conference which could be automated.

- SA9.1, 9.2, 9.3 – Increase to 100 points and propose making these all under 9.1 with a list of the awards that qualify (SBA of the Year, Youth Outreach, SA Achievement Award)
- Automate student society scholarships (SA6.8)
- SBA involvement – how to reward?
- Idea for early input to avoid SA Chairs submitting all their PAOE points at the last minute - if you hit PAR by January 31st; you get an extra 100 points
- SA5 For each K-12 event: base is 25 points for event with bonus points (50 pts) if chapter member plans the event
- High School Design Competition is currently awarded 50 points per submission with a 300 pt cap. We propose increasing the point value to 100 points with no cap to reflect the effort that goes into it as well as to incentivize chairs to promote and encourage participation. (this could also be applied to Design Comp as well)

## **Attachment B: 2024 Winter Conference Student Program**

