

**Student Activities Report to Members Council
From Student Activities Committee Meeting
January 24, 2023
Tampa, Florida, USA**

Members Present

Mai Anh Dao, Chair
Kellie Huff, Vice-Chair
Ashley Keller, Reg I
Elizabeth Primeau, Reg II
Bob Snow, Reg V
Kevin Summers, Reg VI
Jackie Hay, Reg VIII
Shaun Nienhueser, Reg IX
Omar Rojas, Reg X
Tracy McKeon, Reg XI
Fu-Jen Wang, Reg XIII
Aleksandar Andjelkovic, Reg XIV
Dennis O'Neal, ABET BOD
Mansour Zenouzi, ABET ETAC
Natalie McDonald, Reg IV Incoming
Corey Chinn, Reg IX Incoming
Justin Albo, Reg XI Incoming
Juliana Trigo, Reg XII Incoming
Alkis Triantafyllopoulos, Reg XIV Incoming
Eileen Jensen, BOD ExO

Members Virtual

Andy Hobson, Reg III
Walter Lenzi, Reg XII
Yashkumar Shukla, RAL
Adam Parker, Reg IV

Members Absent

Nancy McBee, Reg VII
Robert Bittle, ABET EAC

Guests

Mark Penchoff
Stephen Duda
Julia Zimmer
Buzz Wright
David Samayoa
Rupesh Iyengar
Adam Davis
Joe Chin

Staff

Katie Thomson

Referred Motions

REG XII CRC Motion #23 Central Florida Chapter

Motion: That Student Activities Committee update the Manual for Student Branch Operations to include best practices and guidelines for organizing travel packages for Student Branch Members to attend the ASHRAE Winter Conference starting July 1, 2023.

Response: The Student Activities Committee does not feel that this guidance is appropriate for the Student Branch Manual but will create a best practices guide for organizing travel to attend the Winter Conference. This will be an MBO for the Post-High Subcommittee for SY23-24.

REG XII CRC Motion #27 South Brazil Chapter

Motion: 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, 2023.

Response: This was not added for PAOE for SY23-24. SA6.9 is 25 points; (no maximum) for each student member attending the Winter Conference Student Program. The Student Activities Committee will discuss this proposal for PAOE in SY24-25.

Information Items

1. Executive Committee
 - Review of all subcommittees were made.
 - The Chair reviewed the status of this year's MBOs
2. Centralized Training
 - Virtual session scheduled for July 7th after 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 has one assignment in this year's accreditation cycle at College of Technological Studies, PAAET in Kuwait and Dr Samir Traboulsi will be the PEV for his first visit.
 - The Engineering Accreditation Commission (EAC) voted to provisionally approve changes in program criteria to include diversity, equity, and inclusion explicitly in the program criteria.
 - ASHRAE is still not a cooperating society with ASME but ASME has assigned our newest program evaluator (Dr. Nick Roberts from Utah State University) to an accreditation visit this fall. We are hopeful that ASME will continue this courtesy until we can be recognized as a cooperating society.
4. K-12/STEM Subcommittee
 - The subcommittee is developing a second children's book (K-6) with Danielle Passaglia with support from the Publications and Education Committee. Student Activities voted to use \$3,500 from the grants budget to cover the illustrator costs.
 - Various translations of the first book are being developed to focus on our DEI initiatives.
 - A 3D modeling competition for high school students was piloted in SY22-23 with prize money to come from the existing SA budget. There were four submissions reviewed by the subcommittee and the competition will continue as ASHRAE High School Design Competition in SY23-24.
 - Four chapters earned the K-12/STEM Chapter Leadership Award for SY22-23.
 - K-12/STEM marketing material is being reviewed and will be updated.
5. Post High Subcommittee
 - Three nominations were reviewed for the SBA of the Year Award and a winner was selected.
 - The subcommittee has begun planning for the in-person Student Program on Saturday and Sunday of Winter Conference in Chicago.
 - Student Membership
 - The total number of student members as of May 31, 2023 is 5,986 (12.6% increase from May 2022)
 - Branches – Six pending branches bringing the total to 18 new branches for SY22-23

Region	Student Branch	School	Chapter	Location
RAL	Shiv Nadar Institution of Eminence Student Branch	Shiv Nadar Institution of Eminence	India	Dadri, Uttar Pradesh, India
RAL	Krishna Institute of Engineering and Technology (KIET) Student Branch	Krishna Institute of Engineering and Technology (KIET) Group of Institutions	India	Ghaziabad, Uttar Pradesh, India
VII	Lipscomb University Student Branch	Lipscomb University	Nashville	Nashville, TN
XIV	London South Bank University (LSBU) Student Branch	London South Bank University	ASHRAE UK	London, UK
XII	Recife Student Branch	International Institute Awakening Vocations - IIDV	Brasil	Recife, Brazil
RAL	Lagos State University Student Branch	Lagos State University	ASHRAE Nigeria	Lagos, Nigeria

6. Grants Subcommittee

- 77 applications were reviewed and scored at the Atlanta Winter Conference. 33 projects will be funded for SY23-24 for a total of \$158,000 and \$13,000 will be used to fund travel for the top two scoring teams to present at the 2024 Winter Conference in Chicago.
- Plans to create new marketing material (videos and flyers) to promote the grants program to more schools
- Received 39 applications for the Winter Conference travel grants funded by Life Members Club. Five \$1,000 grants were awarded.

7. Design Competition Subcommittee

- 68 Design Competition projects were submitted this year.
 - Design Calculations – 28
 - System Selection – 18
 - Net Zero Energy Design – 13
 - Applied Engineering Challenge – 9
- 35 Design Competition submissions were judged at Society Level with seven rising star nominations. The Winners of each category were selected on June 23rd and will be notified in early August.
- The 2024 Design Competition location (Sao Paulo, Brazil) and building type (central public library) were finalized and the competition details will be added to the website soon.
- The Building EQ Competition is being run for the second year with an initial deadline of August 17th with a final deadline of September 6th.

MBO Update

2022-23 Student Activities Committee MBO's

Mai Anh Dao, Chair

Number			Who	Description	Completion % /Date
1		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.		
	A		Each RVC	RVCs Create MBOs for SY2022-2023	Complete
	B		Each RVC	Attend at least 90% of the subcommittee meetings	88%
	C		Each RVC	Share challenges and successes between Regions	On going
	D		Each RVC	Improve and revise Centralized Training Videos	Complete
	E		Each RVC	100% attendance at winter and annual meeting	87% and 93%
	F		Each RVC	Increase number of Scholarship applications	Complete
	G		Each RVC	Have fun!	Complete
2		Post high SubCommittee	Provide equity within our programs to engage post high students in HVAC related careers - create awareness, provide opportunities, and receive feedback.		
	A			Create / host 2 virtual congress sessions / round table sessions	Complete
	B			Improve student branch status reporting to greater than 80% and review reports	Not complete
	C			Review and revise the student program	Complete

	D			Update SBA Award to address timing, application process, and criteria issues	Complete
	E			Plan Atlanta Student Conference	Complete
	F			Marketing for student branch revitalization	Not Complete
	G			Host 4 virtual student DLs	Complete
3		<i>K-12 Stem Subcommittee</i>		Provide a culture of equity for students to engage K-12 students toward Engineering, with a focus on HVAC related field.	
	A			Evaluate how we can promote diversity and inclusion in our K-12/STEM efforts	Complete
	B			Receive at least three applications for each: § Youth Outreach Award § Student Activities Achievement Award	1/2 complete
	C			Develop 2nd children's book	Complete
	D		Each RVC	Increase the STEM Leadership award to one per region.	Not complete
	E			Develop an HVAC specific Stem kit	In progress
4		<i>Grants Subcommittee</i>		To increase student's interest and awareness in HVAC, make connections with industry with the aim to attract students into HVAC.	
	A			Update showcase flyers and send until deadline	Complete
	B			Receive one applicant from each ASHRAE Region	Not complete - missing 4 regions
	C		Each RVC	Promote the travel grant - get at least one applicant per region	Not complete - missing 3 regions
	D			Review the selection process for the Travel	Complete

				Grants	
				Inform Chapter Chairs about undergraduate and trade school grant eligibility	Complete
				Increase grants application to 70	Complete! (77)
				Complete development of Travel Grant	Complete
				Evaluate how grants can serve more diverse programs that support this industry.	Complete
				Promote and acquire five application submitted by trade school	Complete
5		<i>Design Competition</i>	Provide an environment of equity in the competition, and engage all members.		
	A			Review and update the judging guidelines (to be shared with the students)	In progress
	B			Evaluate how we can promote diversity and inclusion in our competition offering	Complete
	C			Evaluate the general judging process for more transparency	Complete
	D			Create a judging process for BEQ competition	Complete