



I. Renewal Document

I.A. Faculty Advisor

Name	Email Address	Member ID
██████████	██████████	██

I.B. Student Members

Name	Email Address	Position
██████████	██████████	President ('25-'26)
██████████	██████████	President ('26-'27)
██████████	██████████	VP Internal
██████████	██████████	VP Operations
██████████	██████████	Finance Chair
██████████	██████████	Pre-Med Coordinator
██████████	██████████	Pre-Med Coordinator
██████████	██████████	Member
██████████	██████████	Member
██████████	██████████	Member

I.C. Website Links

Student Chapter Website: <https://sites.utexas.edu/texas-bmes/>

Department Website: <https://www.bme.utexas.edu/>

I.D One Free Student Membership

New Membership or Renewal	Name	Email Address	Graduation Year	Chapter Position
Renewal	██████████	██████████	██	VP Finance ('26-'27)



The Biomedical Engineering Society at The University of Texas at Austin

2025 - 2026

Authors

[Redacted]

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*Biomedical Engineering Society at the University of Texas at Austin
For the 2025-2026 Academic Year*

II. Executive Summary

The Biomedical Engineering Society chapter at the University of Texas at Austin is committed to cultivating a connected and supportive community that equips students with the resources, experiences, and relationships necessary to thrive in biomedical engineering and beyond. Led by a team of thirteen (13) officers, Texas BMES held a variety of events, workshops, and socials for its members to encourage networking, mentorship, and professional development. We successfully connected students to volunteering opportunities on and off campus to increase member involvement in service activities. Students also had opportunities to network with professionals across many facets of biomedical engineering through various General Meetings, including those featuring Texas A&M School of Engineering Medicine, Johnson & Johnson, and Biodynamic Research Corporation. Additionally, students were able to network with Texas BME students and alumni during Career Night and Track Night to learn more about the various career pathways that exist for biomedical engineers. Members had the opportunity to compete in our annual Design and Case Competitions, receiving feedback on their products and connections with academia, medicine, and industry judges. We continued to provide leadership opportunities for students through various roles, including our Freshman Liaison, Pre-Med Coordinator, Pre-Grad Coordinator, Finance Chair, Medical Device Make-a-Thon Chair, Medical Device Make-a-Thon committee, and Case and Design competition committees. We implemented an initiative to broaden student understanding of health disparities and encourage research participation through our journal club, garnering great success with several participants. Our primary goal for next year is to strengthen member engagement through more intentional small-group connections. We will also continue to expand our professional and industry-facing opportunities while building stronger connections among students, faculty, and alumni to culture a more cohesive and supportive Texas BME community.

Mailing Address

[Redacted Mailing Address]

Faculty Advisor

[Redacted Faculty Advisor]



III. Cover Letter

Dear Student Chapter Award Committee Members,

The Biomedical Engineering Society chapter at the University of Texas at Austin, or Texas BMES, aims to provide students a community in which they can grow professionally and personally. This year, our chapter engaged over 120 UT students in 80+ events spanning professional development, mentorship and support, outreach, and social networking, with the goal of bridging connections between students, industry, alumni, and the broader BME community.

Our impact is greatest in our annual events. Track Night and Career Night provide targeted mentorship and guidance for students at different stages of exploring biomedical engineering pathways. At Track Night, 24 students engaged with 16 upperclassmen panelists representing the four specialized tracks offered for undergraduate students at UT: Biomedical Imaging and Instrumentation, Cellular and Biomolecular Engineering, Computational Biomedical Engineering, and Molecular, Cellular, and Tissue Biomechanics. At Career Night, 35 undergraduate students engaged with 17 Texas BME alumni across four panels representing key biomedical engineering career pathways in industry, law, medical school, and graduate school. Alumni representatives included professionals from ClearCam, McKinsey, Abbott, UT Southwestern, Dell Medical School, Texas A&M School of Medicine, Texas A&M Engineering Medicine, the Texas Heart Institute, and Texas BME.

Our annual Case Competition and Design Competition challenge students outside the classroom through hands-on, real-world application of biomedical engineering concepts. In our Case Competition, 67 students from multidisciplinary backgrounds worked in teams to develop solutions aimed at improving healthcare outcomes for infants, children, and adolescents, addressing challenges such as accessibility in low-resource settings and treatment of both common and rare diseases. Teams presented their proposals to a panel of 4 judges, including UT professors and Central Texas Angel Network representatives. In our Design Competition, 32 students across varied disciplines focused on reducing the physical, cognitive, and emotional burden on caregivers by developing solutions that improve efficiency, communication, and safety while maintaining quality of care. Final designs were presented to a panel of 3 judges from Clear Cam Inc, Abbott, and Hospice Austin. Together, these competitions provide students with experience in problem solving, interdisciplinary thinking, and translating ideas into tangible, impactful solutions.

This year, we also hosted the National Medical Device Make-a-thon (MDM), bringing together over 175 undergraduate competitors from universities nationwide for a 48-hour design competition hosted in Austin from March 6–8, 2026. The event challenged students to develop medical device solutions addressing real-world healthcare needs, with an emphasis on accessibility, patient-centered design, and underserved populations. A key strength of this competition is its focus on translating clinical problems into feasible prototypes under time and resource constraints, paired with guidance from BME professionals hailing from across the country. Students designed and pitched prototypes for devices to innovate within the neonatal and NICU healthcare space, engaging directly with industry professionals,



clinicians, and academic mentors throughout the design process. The event was supported by partners including UT Austin's Biomedical Engineering Department, Texas A&M School of Engineering Medicine (EnMed), Spectral Instruments Imaging (a Bruker company), United Therapeutics, Hi-Re, UT's Student Engineering Council, Austin Technology Incubator (ATI), and Dell Medical School's Office of Innovation and Entrepreneurship.

Career resources were offered at 9 out of our total 12 bi-weekly general meetings, where speakers from industry, graduate school, and medical school shared their experiences. Representatives from Johnson & Johnson - Biosense Webster and Biodynamic Research Corporation provided insight into career paths and day-to-day roles, allowing students to explore different trajectories within biomedical engineering while building meaningful professional connections.

Mentorship remained a key focus of our chapter through our alumni mentorship program, which connected students with over 50 alumni mentors across industry, academia, and medicine. This program provided personalized guidance on coursework, internships, and career decisions, helping students build long-term professional relationships and a stronger sense of direction within the field. In addition to professional programming, we hosted 16 social events to build a tight-knit community among members. Events such as game nights, kayaking, and pickleball socials created spaces for students to connect outside of classes, strengthening peer relationships and contributing to a greater sense of belonging within the BME community.

This year, we also expanded our officer team by introducing new roles, including a Service Chair, Finance Chair, Pre-Grad Coordinator, and an additional Pre-Med Coordinator, increasing our capacity to better serve the interests of our members through more targeted programming and support. Our future direction intends to build upon the initiatives that have brought our chapter success while addressing our ongoing challenge of member retention, particularly among freshmen and upperclassmen. We plan to implement more structured mentorship through expansion of the alumni mentorship program, increase early-semester community building through more social events, and expand leadership and networking opportunities to keep members engaged throughout their undergraduate experience.

Through our continued involvement with National BMES and participation in BMES Annual Meetings, we aim to strengthen corporate partnerships, expand inter-chapter collaboration, and enhance outreach efforts. With these initiatives, we are committed to building a more connected, supportive, and professionally enriching community for all Texas BMES members.

Sincerely,

[Redacted signature area]

Texas BMES Faculty Advisor

Texas BMES 2025-26 President

Texas BMES 2026-27 President

[Redacted name]

[Redacted name]

[Redacted name]



IV. Table of Contents

V. Administrative Report	8
V.A. Abstract	8
V.B. 2025 - 2026 Texas BMES Officers	9
V.C. Membership Breakdown	12
V.D. Chapter Meeting Dates and Agendas	12
V.E. Executive Meeting Dates and Agendas	13
VI. Treasury Report	15
VI.A. Treasurer Abstract	15
VI.B. Balance Sheet	16
VII. Chapter Activities	18
VIII. Social or Other Activities	21
VIII.A. Abstract	21
VIII.B. List of Social, Networking, and Other Chapter Activities	22
IX. Inter-Chapter Activities	37
IX.A. Abstract	37
X. Outreach Activities	38
X.A. Abstract	38
X.B. List of Outreach Activities	39
XI. Mentoring Activities	43
XI.A. Abstract	43
XI.B. List of Mentoring Activities	44
XII. Industry or Professional Development Activities	51
XII.A. Abstract	51
XII.B. List of Industry or Professional Development Activities	52
XIII. Societal Impact Activities	69
XIII.A. Abstract	69
XIII.B. List of Societal Impact Activities	70



XIV. National BMES Meeting	76
XIV.A. Attendance at 2025 Annual Meeting	76
XIV.B. Goals for Future Annual Meetings	77
XIV.C Previous Annual Meetings	79
XV. Future Direction	80
XV.A. General Body Meetings and Socials	81
XV.B. Upperclassmen Involvement	82
XV.C. Inter-Chapter Activities	83
XV.D. Pre-Med Activities	83
XV.E. Corporate, Alumni, and Faculty Relations	84
XV.F. Revenue Sources and Funding	85
XV.G. Chapter Professional Development Events	86



V. Administrative Report

V.A. Abstract

The BMES chapter at the University of Texas at Austin (UT Austin) is run by an officer team of seven (7) elected members: President, Vice President of Internal Affairs, Vice President of External Affairs, Vice President of Relations, Vice President of Finance, Vice President of Operations, and Vice President of Membership. The officer team is supported by five (5) appointed positions who are responsible for a specific niche in the larger community of BMES and assisting the officer team: two (2) Pre-Med Coordinators, a Pre-Grad Coordinator, Freshman Liaison, Finance Chair, and Volunteer Chair. Together, this leadership structure ensures that the diverse academic, professional, and social needs of members are effectively addressed.

The seven (7) member officer team met remotely via Zoom every other week in the summer and in-person every week during the academic semesters to plan events, including general meetings, socials, the Case and Design competitions, networking events, and more. Our chapter had 91 members overall, with 10 national student members. Also, this year, the chapter hosted the National Medical Device Make-a-Thon (MDM), led by our Vice President of External Affairs and Medical Device Make-a-Thon chair. We hosted twelve (12) general meetings and two (2) election meetings throughout the academic year.





V.B. 2025 - 2026 Texas BMES Officers

1. President

[REDACTED]

The President is responsible for overseeing all officers, delegating responsibilities, planning and running general body meetings, maintaining national chapter standing, coordinating with other Texas BME organization presidents, and improving the organization. Any responsibilities that do not fall under the other officers' responsibilities fall under the President's jurisdiction.

2. Vice President of Internal Affairs

[REDACTED]

The Vice President of Internal Affairs (VP Internal) is responsible for any activities that are internal to the organization and department. These include planning and running our annual Track Night, organizing journal clubs, overseeing the Design Competition committee, and acting as the liaison to the Texas BME Undergraduate Advisory Board (UAB) and the Graduate-Undergraduate Research Union (GURU).

3. Vice President of External Affairs

[REDACTED]

The Vice President of External Affairs (VP External) is responsible for any activities that are external to the organization and department. These include planning and running our annual Career Night, overseeing the Case Competition committee, and coordinating outreach/volunteering activities. This position was updated to include its most notable volunteering activity, BME BELoNG, a collaborative effort with BMES and the Texas BME department (see [this article to learn more about the program](#)).

4. Vice President of Relations

[REDACTED]

The Vice President of Relations (VP Relations) acts as the primary contact for the department, university, and companies. These responsibilities include maintaining our corporate relationships and departmental/university relationships with the purpose of networking, gaining sponsorships, and bringing in company representatives or professors to speak at general body meetings. Other responsibilities include maintaining and updating our corporate packet each year and planning site visits to local medtech and biotech companies as well as medical schools.



V.B. 2025 - 2026 Texas BMES Officers

5. Vice President of Finance

[REDACTED]

The Vice President of Finance (VP Finance) is responsible for overseeing all financial transactions within the organization. These include monitoring our financial accounts, maintaining our relationship with Engineering Student Life (ESL) to extract funds for activities such as Case and Design Competitions, applying for funding appropriations from the Student Engineering Council (SEC), Student Government, and the Senate of College Councils, providing food/refreshments at general body meetings, depositing memberships fees, and planning fundraisers.

6. Vice President of Operations

[REDACTED]

The Vice President of Operations (VP Operations) is responsible for communicating with the general membership body, promoting our organization, maintaining and updating our website, and documenting events and activities.

7. Vice President of Membership

[REDACTED]

The Vice President of Membership (VP Membership) is responsible for maintaining our membership database, planning social events, overseeing our organization's family system, and organizing BMERush which was put into effect this past year to improve new member engagement. The VP Membership is also the organization's Cockrell Relations Chair (CRC), acting as the liaison to SEC (Student Engineering Council).

8. Finance Chair

[REDACTED]

The Finance Chair is responsible for assisting in the management of the organization's financial operations and reports directly to the Vice President of Finance (VPF). Key responsibilities include helping with budget preparation, tracking income and expenses, organizing financial records, and processing reimbursements. The Finance Chair ensures accurate and timely documentation, supports financial planning, and promotes transparency. This role works closely with the VPF to uphold the financial integrity and accountability of the organization.



V.B. 2025 - 2026 Texas BMES Officers

9. Pre-Med Coordinators

[REDACTED]

The Pre-med Coordinator is appointed at the end of each academic year to manage the entirety of the pre-medical students of the general membership body. Their responsibilities include hosting pre-medical activities such as as a physician speaker panel, MCAT advising, and medical school application workshop, and mentoring students interested in the pre-medical school pathway of biomedical engineering.

10. Pre-Grad Coordinator

[REDACTED]

The Pre-Grad Coordinator shall be responsible for supporting members interested in graduate and professional school pathways. They shall host meetings, invite guest speakers, organize panels, and share personal experiences to help members better understand the graduate school application process and what pursuing advanced degrees entails. The Pre-Grad Coordinator shall also connect students with opportunities related to research, mentorship, networking, and professional development that may support their post-graduate goals.

11. Freshman Liaison

[REDACTED]

The Freshman Liaison is appointed at the beginning of each academic year to manage the entirety of the first-year students of the general membership body. Their responsibilities include planning social events, encouraging freshmen involvement at our Case and Design Competitions, and acting as liaison to Texas BME freshmen.

12. Medical Device Make-a-Thon Chair

[REDACTED]

The Medical Device Make-a-thon Chair (MDM Chair) is appointed at the end of each academic year to manage the MDMxUTeams and MDM Competition on host years. Their responsibilities include recruiting, training, and mentoring UT representatives to send to other universities and – during the years we are the University host – lead and organize a subcommittee that will run MDM.

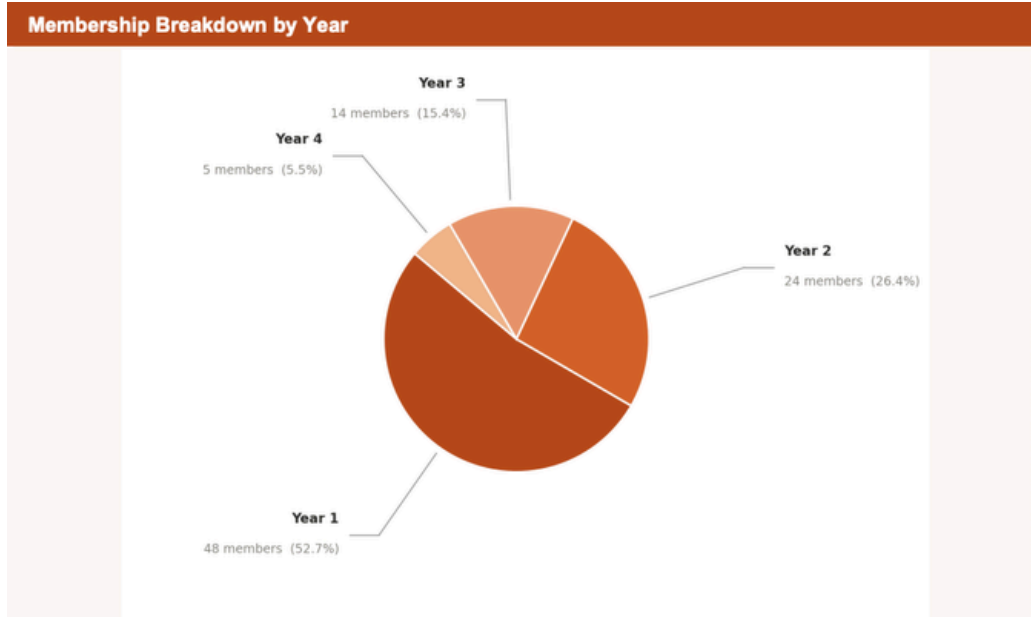
13. Service Chair

[REDACTED]

Service Chair is responsible for organizing service opportunities for BMES members and reports to the Vice President of External Affairs. Responsibilities include planning monthly service events, maintaining a database of outreach opportunities, building partnerships with local organizations, and promoting and managing student participation in service initiatives.



V.C. Membership Breakdown



Texas BMES consists of a total of 91 members, 10 of whom are also national members of BMES. Additionally, 5 of the 91 BMES majors are non-biomedical engineering students; this includes mechanical engineering, kinesiology, and computer science majors.

V.D. Chapter Meeting Dates and Agendas

Date	Attendance	Event
09/02/2025	113	GM #1: BMES 101
09/16/2025	40	GM #2: Track Night
09/30/2025	18	GM #3: Faculty Panel
10/14/2025	38	GM #4: Johnson & Johnson
10/28/2025	10	GM #5: BRC
11/11/2025	15	GM #6: Dr. Porter Town Hall
01/14/2026	37	GM #7: Poker Night
01/28/2026	15	GM #8: Suture Clinic
02/10/2026	26	GM #9: BRC
03/11/2026	11	GM #10: Johnson & Johnson
04/08/2026	27	GM #11: Election Night 1 - President, Internal, External, Finance
04/22/2026	TBD	GM #12: Election Night 2 - Relations, Operations, Membership



V.E. Executive Meeting Dates and Agendas

V.E.1. Officer Meetings

Date	Agenda
4/21/2025	Welcomed the new officer board with transitions, discussion over adding MDM chair, financial chair, pregrad coordinator to officer board
4/28/2025	Confirmed completion of chapter renewal and corporate packet; Upcoming events: summer orientation and member recruitment
5/19/2025	Introduced MDM chair; Continued agenda from previous meeting; Discussion of pre-med coordinator applicants
6/20/2025	Introduced pre-med coordinator, pregrad coordinator, and finance chair
6/30/2025	Planned alumni mentorship, BMES Annual Meeting 2025, corporate sponsors, and orientation
7/16/2025	Reflected on past summer orientation tabling events and improvements for remaining summer events; Planned other member recruitment events such as Gone to Engineering and Cockrell School Kickoff, discussed MDM
7/30/2025	Delegated officer tasks to in preparation of upcoming semester: started planning general body events for the upcoming semester and MDM
8/17/2025	Confirmed corporate partners; Planned for upcoming events: Gone to Engineering, Gone to BME, Cockrell School Kickoff,
8/27/2025	Planned for GM 1, 7 BME Rush Events, and case competition committee
9/01/2025	Talked about the release of freshmen liaison applications and service chair applications; went over the 8 events in the next two weeks
9/8/2025	Upcoming events: Membership Drives, GM #2, BME Rush events, journal club
9/15/2025	Upcoming events: Upcoming event: BMES GM#2 track night, info session with Roche
9/22/2025	Discussed applicants for freshmen liaison, case comp committee and service chair
9/29/2025	Upcoming Events: BMES GM #3, Pre-grad workshop, social with UT society of asian engineers and scientists
10/06/2025	Confirmed BMES Annual meeting dates with everyone and funding; Upcoming events: BMES and TEWH startup social, Food bank volunteering, GM #4, and Journal club
10/20/2025	Upcoming events: BMES Study Night, Case competition, pizza press profit share



V.E.1. Officer Meetings

10/27/2025	Upcoming events: GM #5, Journal Club
11/03/2025	Upcoming events: GM #6, MCAT workshop, Pre-grad workshop
12/1/2025	Talked about upcoming semester, design competition, and MDM
1/12/2026	Upcoming events: GM #7, MDM, and Design Competition
1/26/2026	Upcoming events: REU Workshop, BMES GM #8, Medical Student Panel, and Engineering Medicine Site visit
2/2/2026	Upcoming events: MDM Planning, Design competition, ABP Climbing Social, Eweek Intro, and GM #9
2/16/2026	Upcoming events: Med school Application process, Career Night, Design Competition, MDM
2/23/2026	Upcoming events: Eweek, MDM
3/09/2026	Upcoming events: Pregrad workshop, meet the peeps, BMES GM#10, Design Competition
3/23/2026	Upcoming events: Poker night, Kayaking Social with BOLT and TEWH, Elections, Design Competition
3/30/2026	Upcoming events: Pickleball social and Design Competition, Chapter Development report
4/06/2026	Upcoming events: Elections; Discussed Election procedure, Chapter Development Report
4/13/2026	Upcoming events: Elections; Discussed Election procedure, Chapter Development Report

V.E.2. Faculty Advisor Meetings

Date	Agenda
4/23/2025	Introduced 25-26 Officer Team, Discussed BMES Mission & Goals, Officers' Visions for upcoming year
5/13/2025	Discussed BMES Annual Meeting logistics, determine budget
08/29/2025	Discussed Annual Events, GMs, Alumni Mentoring, and Conference
9/20/2025	Discussed Conference issues and MDM planning
10/13/2025	Discussed MDM Planning
01/25/2026	Discussed MDM and Engineering Medicine Site visit
03/13/2026	Discussed Elections and Election Procedure



VI. Treasury Report

VI.A. Abstract

The Vice President of Finance of Texas BMES is responsible for managing the chapter's financial operations, including tracking revenue and expenditures, maintaining accurate account balances, and allocating funds to support chapter activities. The chapter maintains a semesterly balance sheet to ensure transparency and effective financial planning.

At the start of the academic year, Texas BMES held a balance of [REDACTED], which increased to [REDACTED] by the end of the year. This growth was primarily driven by membership dues and continued financial support from the Department of Biomedical Engineering, who generously allocated [REDACTED] for travel costs for the 2025 Annual Meeting and [REDACTED] to support the National Medical Device Make-a-Thon.

A significant portion of the chapter's budget was strategically allocated toward high-impact engineering activities, particularly large-scale competitions such as the Design Competition, Case Competition, and the National Medical Device Make-a-Thon. These events required substantial investment in catering, participant support, awards, and judge recognition, all of which contributed to their success and strong attendance.

A major contributor to this increase was the National Medical Device Make-a-Thon, which served as the chapter's most profitable event of the year. With high national participation and effective planning, the event generated significant revenue while maintaining careful cost management, resulting in a net profit of [REDACTED]. This outcome reflects both the scale of the event and the chapter's ability to effectively manage expenses while delivering a high-quality experience for participants.

This financial position reflects several years of consistent and responsible budgeting, allowing the chapter to build a strong and sustainable foundation. As a result, Texas BMES is well-positioned to expand support for student travel to the BMES Annual Meeting in the coming year, enabling a larger cohort than ever before to engage with biomedical engineering on a national scale.

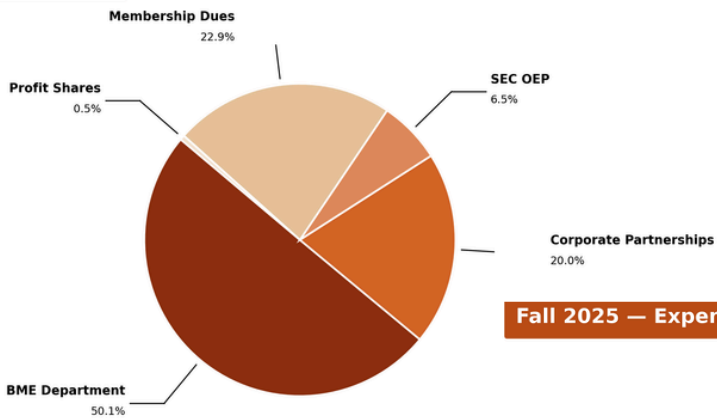


VI.B. Balance Sheets

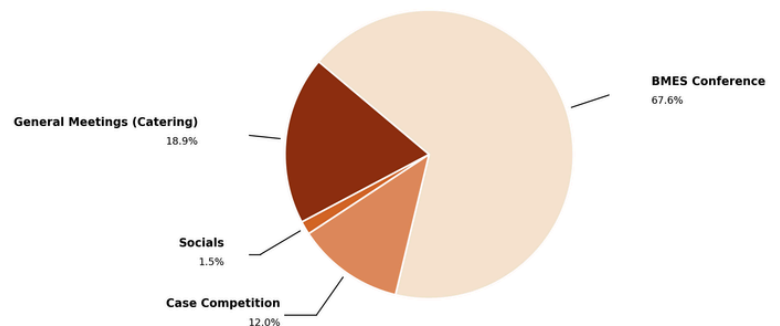
1. Fall 2025

Type	Category	Total
Revenue	Accounts	[REDACTED]
	BME Department	
	Corporate Partnerships	
	SEC Organization Event Partnership (OEP)	
	Membership Dues	
	Profit Shares	
Expenditures	General Meetings (Catering)	
	Socials	
	Case Competition	
	BMES Conference	
Final Balance		

Fall 2025 — Revenue



Fall 2025 — Expenditures

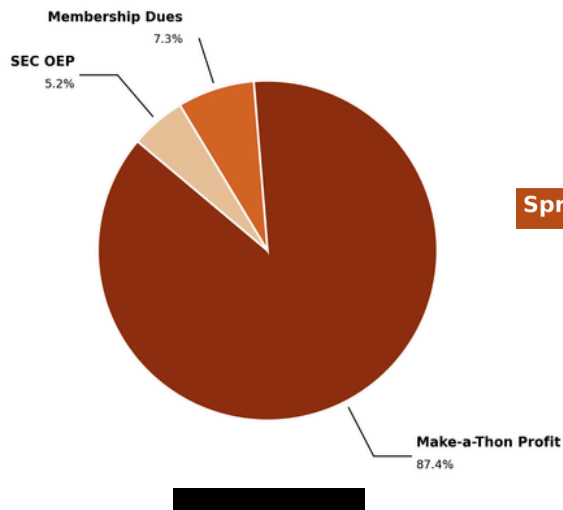




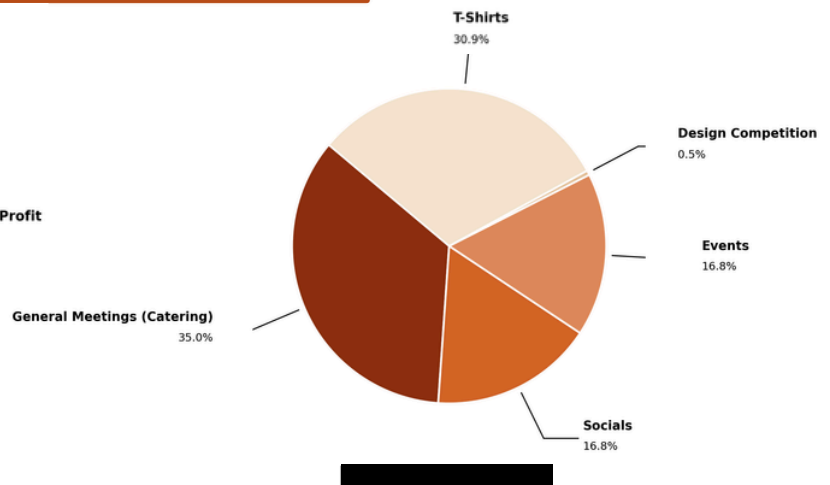
1. Spring 2026

Type	Category	Total
Revenue	Accounts	[REDACTED]
	Medical Device Make-a-Thon Profit	
	Membership Dues	
	SEC Organization Event Partnership (OEP)	
Expenditures	General Meetings (Catering)	
	Socials	
	Events	
	Design Competition	
	T-Shirts	
Final Balance		

Spring 2026 — Revenue



Spring 2026 — Expenditures





VII. Chapter Activities

Date	General Meeting	Category
6/3/2025	Summer Orientation #1	Social
6/11/2025	Summer Orientation #2	Social
6/17/2025	Summer Orientation #3	Social
6/24/2025	Summer Orientation #4	Social
7/8/2025	Summer Orientation #5	Social
7/15/2025	Summer Orientation #6	Social
8/24/2025	GONE TO BME	Mentoring
8/24/2025	GONE TO ENGINEERING	Mentoring
8/31/2025	Cockrell School Kickoff	Social
9/3/2025	Journal Club #1	Societal Impact
9/3/2025	BMERush: Stop the Bleed w/ Premed Coordinators	Professional
9/4/2025	BMERush: Headshots + Resume Review for EXPO	Mentoring
9/5/2025	BMERush: Game Night	Social
9/8/2025	BMERush: Interview Prep for EXPO	Mentoring
9/8/2025	Membership Drive #1	Social
9/9/2025	BMERush: Freshman Speed Dating	Social
9/10/2025	Journal Club #2	Societal Impact
9/10/2025	BMERush: Fam Speed Dating	Social
9/10/2025	Membership Drive #2	Social
9/10/2025	Pre-Grad Workshop #1	Mentoring
9/11/2025	BMERush: Boba Social	Social
9/11/2025	Membership Drive #3	Social
9/13/2025	Farm Stand Volunteering	Outreach
9/17/2025	Info Session w/Roche	Professional
9/30/2025	Pre-Med Office Hours #1	Mentoring



10/1/2025	Pre-Grad Workshop #2	Mentoring
10/2/2025	BMES x SASE Social: Quiz Bowl	Social
10/6/2025	BMES + TEWH Startup Social	Professional
10/9/2025	BMES Food Bank Volunteering	Outreach
10/15/2025	Journal Club #3	Societal Impact
10/21/2025	BMES Study Night	Mentoring
10/23/2025	Pizza Press - Profit Share	Social
10/29/2025	Journal Club #4	Societal Impact
11/5/2025	MCAT Workshop	Professional
11/8/2025	World of Engineering	Outreach
11/12/2025	Journal Club #5	Societal Impact
11/12/2025	Pre-Grad Workshop #3	Mentoring
11/15/2025	BMES Case Comp 2025	Societal Impact
1/27/2026	REU and Summer Research Application Workshop	Professional
1/28/2026	Pre-Med Event: Med Student Panel	Professional
1/30/2026	EnMed Site Visit	Professional
2/4/2026	Pre-Med Office Hours #2	Mentoring
2/5/2026	Cabo Bob's - Profit Share	Social
2/7/2026	ABP Climbing Social!	Social
2/9/2026	E-Week Introduction Meeting	Social
2/18/2026	Med School Apps Workshop	Mentoring
2/18/2026	Pre-Med Office Hours #3	Mentoring
2/21/2026	Career Night	Mentoring
2/21/2026	Engineering Day of Service	Outreach
2/25/2026	Pre-Med Office Hours #4	Mentoring
2/28/2026	UT Girl Day	Outreach
3/3/2026	Pre-Grad Workshop #4	Mentoring
3/6/2026	MDM Day 1	Societal Outreach
3/7/2026	MDM Day 2	Societal Outreach
3/8/2026	MDM Day 3	Societal Outreach



3/10/2026	Meet the Peeps!	Social
3/25/2026	BMES Poker Night	Outreach
3/27/2026	Kayaking!	Social
4/1/2026	Pickleball Social!	Social
4/1/2026	Pre-Med Office Hours #5	Mentoring
4/4/2026	Design Competition 2026	Societal Impact
4/8/2026	BMES Officer Elections #1	Social
4/15/2026	Pre-Med Office Hours #6	Mentoring
4/22/2026	BMES Officer Elections #2	Social



VIII. Social or Other Activities

VIII.A. Abstract

Texas BMES strives to form lasting connections between members that extend beyond their time in the organization. We aim to build a strong sense of community that supports students throughout their undergraduate experience and beyond. To achieve this, we host a variety of social events, including internal BMES socials, joint events with UT Austin organizations, and collaborations with other BME-related groups. These events include game nights, study breaks, retreats, and mixers that allow students to interact in both structured and casual settings. During these socials, students are able to de-stress, take a break from academics, and build relationships in a relaxed environment, serving as an important balance to our professional development programming. We host these events consistently throughout the year to strengthen member retention and encourage engagement across all class years. Through these interactions, students form meaningful cross-year relationships, allowing underclassmen and upperclassmen to naturally connect and support one another. Members also develop informal mentor-mentee relationships, which are especially beneficial for freshmen and transfer students adjusting to the BME curriculum. Additionally, our Texas BMES Family System helps structure these connections by grouping students across different years to encourage mentorship, guidance, and peer support. Overall, we strive to create an inclusive and welcoming environment where members feel a strong sense of belonging within the biomedical engineering community.

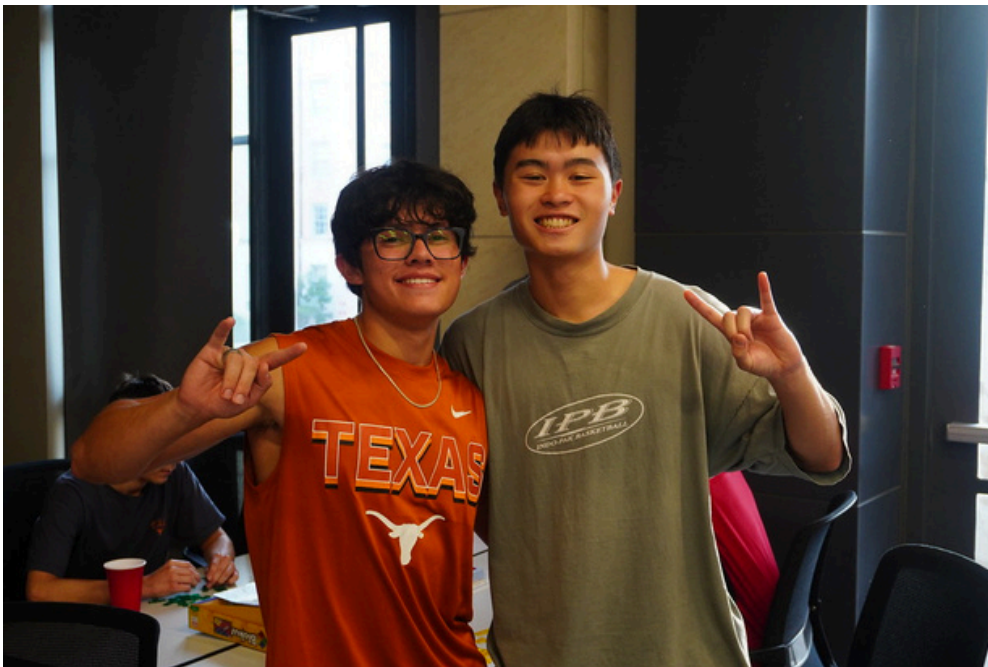




VIII.B. List of Social, Networking, and Other Chapter Activities

VIII.B.1. BME Rush

BMERush is a two-week long engagement initiative held at the start of the Fall semester, designed to welcome incoming freshmen and get them plugged into the BMES community from day one. With an event held almost every single day throughout the two weeks, students had a wide variety of opportunities to show up, get involved, and start building connections with fellow BME students and officers early in their college experience. The events spanned a broad range of categories- from social hangouts and pre-med workshops to networking sessions and mentorship opportunities- ensuring that every incoming student could find something that resonated with their interests and goals.



Attendees earned tickets for each event they participated in, and those who collected at least three tickets qualified for the BMERush Boba Tab - a free boba social fully covered by the chapter as a reward for their engagement. This initiative proved to be a highly effective strategy for driving early freshman involvement, setting the tone for a more connected and active membership base throughout the rest of the academic year.



VIII.B.1.a. Stop the Bleed

Working in conjunction with Longhorn Emergency Medical Services, we helped organize a Stop the Bleed workshop, where a member from LEMS demonstrated how, in the event of an emergency, students can perform CPR and tie a tourniquet. The workshop went over how to assess an emergency medical scenario, and where they could find resources necessary to assist with the emergency intervention on UT campus. At the end of the workshop, students practiced CPR on dummies provided by LEMS, and tying tourniquets around one another.

Date	Audience	Attendance	Cost
9/3/2025	Freshmen BMES members	36 students	N/A





VIII.B.1.b. EXPO Headshots + Resume Review

Ahead of the Fall Engineering EXPO, Texas BMES hosted a combined Headshots and Resume Review session to help members put their best foot forward heading into recruiting season. Upperclassmen volunteers provided personalized resume feedback while our VP of Operations, armed with a professional camera setup, captured high-quality headshots suitable for LinkedIn and other professional platforms. The event gave students everything they needed to make a strong impression at one of the most important career events of the semester.

Date	Audience	Attendance	Cost
9/4/2025	Freshmen BMES members	18 students	N/A

VIII.B.1.c. EXPO Interview Prep

Texas BMES hosted an EXPO Interview Prep session to help members feel confident and ready heading into recruiting season. Students participated in mock interviews and received hands-on feedback on their elevator pitches and overall presentation skills. The session gave members a valuable opportunity to practice and refine their approach before stepping onto the EXPO floor.

Date	Audience	Attendance	Cost
9/8/2025	Freshmen BMES members	17 students	N/A



VIII.B.1.d. Game Night w/ Dr. Dan

Texas BMES brought out a collection of board games and invited notable BME professor Dr. Daniel Puperi to join members for a casual and fun-filled Game Night. The relaxed setting gave students a rare opportunity to connect with Dr. Dan outside of the classroom, chatting and bonding over friendly competition throughout the evening. It was a lighthearted but meaningful event that helped bridge the gap between students and faculty in the BME department.

Date	Audience	Attendance	Cost
9/5/2025	Freshmen BMES members	22 students	N/A





VIII.B.1.e. Freshman Speed Dating

Texas BMES hosted a Freshman Speed Dating event as a fun and structured icebreaker to help incoming students get to know one another early in the semester. Participants rotated through conversations with question prompts designed to spark meaningful and engaging exchanges. The event gave freshmen a chance to meet a wide range of peers in a short amount of time, helping lay the foundation for lasting friendships within the BME community.

Date	Audience	Attendance	Cost
9/9/2025	Freshmen BMES members	24 students	N/A

VIII.B.1.f. Family Speed Dating

Texas BMES hosted a Family Speed Dating event where students rotated between each of the BMES Family heads, getting a feel for the different family personalities and vibes before committing to one. Question prompts kept conversations flowing and helped students figure out which family felt like the right fit for them. The event made the family selection process feel fun and low-pressure, encouraging more members to get involved in the Family System from the start.

Date	Audience	Attendance	Cost
9/10/2025	Freshmen BMES members	23 students	N/A



VIII.B.1.g. Boba Tab Social

The BMERush Boba Tab Social was the culminating event of the two-week BMERush initiative, rewarding students who had collected at least three tickets by attending events throughout the program. Qualifying members headed over to Gong Cha on campus where they got to socialize, unwind, and enjoy a free boba on the 40 acres. It was a fun and feel-good way to wrap up BMERush and celebrate the newest members of the BMES community.

Date	Audience	Attendance	Cost
9/11/2025	Freshmen BMES members	18 students	\$111.00

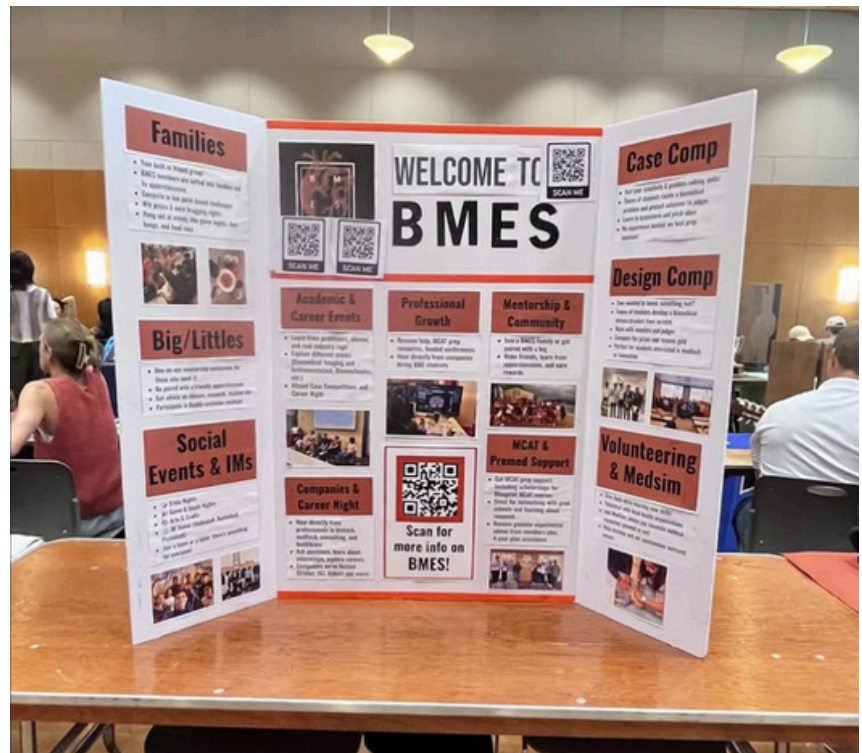




VIII.B.2. Summer Orientation Tabling

Texas BMES tabled at UT Austin Summer Orientations #2-#7, engaging with incoming freshmen about everything the chapter has to offer. Members presented a trifold display covering the club's events, opportunities, and pathways, while also distributing merchandise including stickers and pins to spark interest and excitement. These tabling sessions served as an important first touchpoint for new students, helping them discover BMES as a community before they even set foot on campus in the fall.

Date	Audience	Attendance	Cost
6/3/2025 - 7/15/2025	Freshmen BMES members	30-50 students per orientation	\$20.00





VIII.B.3. BMES Family System

Texas BMES implemented a Family System for its members to find a smaller community within the whole of BME. Families are organized based on extracurricular interests and hobbies, thus members get a chance to connect with each other and upperclassmen in a decompressing format outside of academics. This year, BMES had families which associated themselves with a nostalgic video game theme:

1. Stardew Valley - Cooking, baking, arts and crafts.
2. Roblox - Movie nights, music, dancing
3. Pappa's Freezeria- Book clubs, journaling, picnics
4. Animal Crossing - Outdoor exploration, new food scenes

Date	Audience	Attendance	Cost
Fall/Spring	Freshmen BMES members	36 students	N/A



Families accrue points by attending BMES general meetings, socials, and volunteer events, applying for leadership opportunities, such as Freshman Liaison, Case Competition and Design Competition committees. The Family with the most points receives a free admission to our BMES Barge.



VIII.B.4. BMES x SASE Quiz Bowl Social

Texas BMES partnered with the Society of Asian Scientists and Engineers (SASE) to host a joint Quizbowl Social, where attendees formed teams and competed in a trivia-style competition. The event fostered cross-organization connections while giving members a fun and low-pressure way to bond over friendly competition. Winners were awarded a special prize of having their BMES membership fees waived, adding an exciting incentive for participants.

Date	Audience	Attendance	Cost
10/2/2025	BMES & SASE Members	14 students	N/A

VIII.B.5. BMES x SASE Pickleball Social

Texas BMES teamed up with SASE again for a joint Pickleball Social, reserving four courts at a comfortable spot on campus to accommodate members of all skill levels. Players matched up with others at their own pace, keeping the atmosphere casual and welcoming whether they were seasoned players or picking up a paddle for the first time. The event was a great opportunity for members from both organizations to unwind, connect, and enjoy some friendly competition on the court.

Date	Audience	Attendance	Cost
4/1/2026	Freshmen BMES members	22 students	N/A



VIII.B.6. GM #7: Poker Night

For our second general meeting of the Spring semester, Texas BMES hosted a Poker Night where members competed for chips in a fun, no-stakes environment. To ensure inclusivity, alternative games such as Spoons and Blackjack were also offered, giving everyone a way to participate regardless of their familiarity with poker. The event saw the highest turnout and participation of any general meeting this year, with the top chip earners being rewarded with complimentary BMES t-shirts from the previous year.

Date	Audience	Attendance	Cost
1/14/2025	BMES members	37 students	\$30.00





VIII.B.7. Meet the Peeps Social

Texas BMES hosted a casual drop-in social in a high foot traffic area of campus, inviting students to stop by for free Peeps, chips, and refreshing drinks. The laid-back setting gave members and passersby a chance to chat with officers, meet fellow BME students, and toss around a football in a no-pressure environment. The event served as a fun and lighthearted way to build community and visibility for the chapter across campus.

Date	Audience	Attendance	Cost
3/10/2026	Freshmen BMES members	12 students	\$17.00





VIII.B.8. Austin Bouldering Project Climbing Social

Texas BMES took ten members to the Austin Bouldering Project for a climbing social, offered on a first-come, first-served basis with all costs fully covered by the chapter. Members spent the session climbing together, learning new techniques, and racing each other up the walls for a fun and energetic afternoon. The outing was a great opportunity for members to bond outside of an academic setting and push each other in a new and exciting environment.

Date	Audience	Attendance	Cost
2/7/2026	BMES members	10 students	\$180.00





VIII.B.9. Freshmen Clay Making Social

The Freshman liaison hosted freshmen in BMES to bond and make clay designs in order to get to know each other. Students enjoyed making clay figures while bonding over classes, hobbies, and career trajectories during a movie session.

Date	Audience	Attendance	Cost
11/18/2025	Freshmen BMES members	13 students	\$25.00



VIII.B.10. Freshmen Painting Social

The Freshman liaison hosted freshmen in BMES to come together to create paintings to bond before finals week studying. Students get to enjoy friendly conversations and bond over paintings under the sun.

Date	Audience	Attendance	Cost
04/22/2026	Freshmen BMES members	15 students	\$25.00



VIII.B.11. E-Week 2026

Each year the Student Engineering Council (SEC) hosts a week-long competition that the engineering organization participated in during Engineering Week (E-Week). Organizations get points for winning events, attending events, hosting events, and completing scavenger-hunt items. All the BME organizations at UT (i.e., Texas BMES, Biomedical Outreach (BOLT), and Texas Engineering World Health (TEWH))



come together to form the BME Strike Force (BMESF) and work as one to participate in E-Week. This year, BMESF won 4th place in the Large Organization bracket as well as winning 1st place in the E-Week talent show, Dr. Ramshorn.

Date	Audience	Attendance	Cost
02/20/2026 - 02/28/2026	BMESF members	20 undergraduate students	N/A

VIII.B.11.a. Pre-E Week Info Session

We co-hosted a Pre- E-Week Information Meeting with BOLT and TEWH to prepare for the upcoming E-Week Competition. During the meeting we discussed how points are accrued and the three competitions BMESF are hosting. We discussed the plans for the talent show portion, Dr. Ramshorn, as well.

Date	Audience	Attendance	Cost
02/09/2026	BMESF Members	14 undergraduate students	N/A



VIII.B.12. Kayaking Social with BOLT and TEWH

We co-hosted another joint social with BOLT and TEWH for 1 hour of kayaking in Austin's Lady Bird Lake. Members of the three organizations could kayak for free. Non-members could participate, though they had to pay kayak fees. The annual Kayaking Social is one of our most anticipated events.

Date	Audience	Attendance	Cost
03/27/2026	BMES, BOLT, & TEWH members	36 undergraduate students	N/A





IX. Inter-Chapter Activities

IX.A. Abstract

Unfortunately, our planned inter-chapter activity, the Red River Rivalry Trivia Competition with OU BMES, was canceled due to unforeseen scheduling conflicts. Next year, we plan to expand inter-chapter engagement by leveraging existing relationships with nearby BMES chapters such as Texas A&M and Rice, while continuing our partnership with OU. We hope to build off of the strong traditions and rivalries between our universities to further cultivate competition and community spirit.

Examples for future inter-chapter activities involve having competitions and socials with A&M BMES leading up to the famous Lone Star Showdown, or by having campus exchanges/tours with Rice BMES. Academically, by leveraging each institution's strengths - clinical opportunities from Rice, research opportunities from UT, and industry connections from Texas A&M - we can expand access to valuable experiences and create greater opportunities for all of our members.

By connecting chapters with different strengths and experiences, we hope to facilitate the exchange of ideas, best practices, and resources that can help to improve all BMES chapters involved. These efforts will not only enhance member engagement but also provide valuable exposure to diverse perspectives within the biomedical engineering field. Through these initiatives, we aim to cultivate a stronger sense of community within BMES at a regional level and encourage long-term collaboration between chapters.



X. Outreach Activities

X.A. Abstract

As Texas BME students, we are dedicated to serving the Cockrell School of Engineering and the Austin community. Several members in our chapter are also members of Student Engineers Educating Kids, a volunteering-based organization at UT Austin, that meets every week to teach and demonstrate STEM projects with students from Austin's elementary and middle schools. Many of our volunteering events have been hosted in collaboration with other organizations on campus. For example, our collaborations with the Student Engineering Council and the Biomedical Outreach and Leadership Team during Girl Day and Engineering Day of Service have allowed us to both inspire elementary school students to explore STEM and give back to the Austin community through local park cleanups. We hope to leverage our connections with hospitals within the coming year for unique volunteer opportunities and branch out from traditional on-campus volunteer opportunities to include clinical volunteering opportunities as well.

Beyond our volunteer outreach activities, we had the opportunity to host the Medical Device Make-a-thon, bringing together students nationwide to create innovative solutions to real-world healthcare challenges in a competitive, hands-on environment. At MDM, we fostered cross-campus collaboration and interdisciplinary engagement as teams worked to design and prototype impactful medical device solutions under real-world constraints.





X.B. List of Outreach Activities

X.B.1. Farm Stand Volunteering

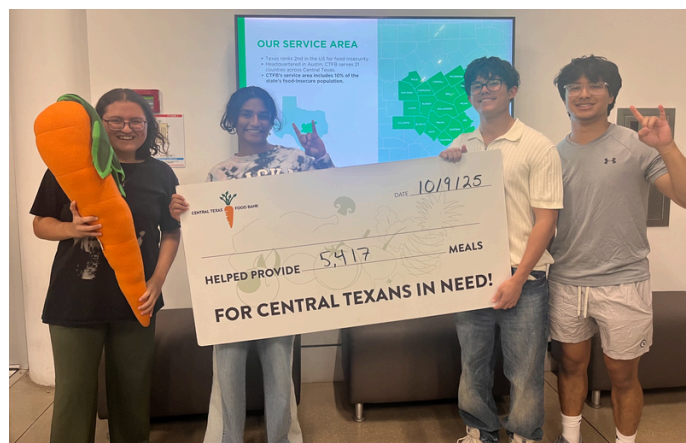
BMES members visited the UT Farmstand, maintained by student workers at the Campus Environmental Center (CEC) and farmstand volunteers. Members helped with general gardening to grow fresh produce for the UT community.

Date	Audience	Attendance	Cost
09/13/2025	BMES members	2 undergraduate students	N/A

X.B.2. BMES Food Bank Volunteering

Each year, BMES members volunteer at Texas Central Food Bank to give members the opportunity to help prepare and package meals for those in need. This year, BMES members worked with other volunteers to provide a collective 5,147 meals.

Date	Audience	Attendance	Cost
09/13/2025	BMES members	5 undergraduate students	N/A





X.B.3. Poker Night Fundraiser

We hosted a Poker Night Fundraiser, giving our members the opportunity to play Texas Hold’Em Poker for the chance to win prizes while contributing money to support those in need. This year, members “bought in” by donating a minimum of \$5.00 to the family of Rodolfo Garza Jr., and top chip winners received a plushie prize from the University Co-Op. In total, an even \$100 was donated to the Garza Family.



Date	Audience	Attendance	Cost
03/25/2026	BMES members	20 undergraduate students	\$56.00

X.B.4. World of Engineering Day

The World of Engineering Day is an annual event for K-12 students and families where they learn about engineering through various activities which are organized by engineering organizations.

Date	Audience	Attendance	Cost
11/08/2025	BMES members	12 undergraduate students	N/A



X.B.5. Engineering Day of Service

Each year we encourage our members to participate in the Engineering Day of Service (EDOS) hosted by SEC during E-Week. Students volunteered on-site at different locations for various local non-profit organizations across Austin. Students provide manpower that these organizations do not usually have, and help these organizations perform their activities.

Date	Audience	Attendance	Cost
2/21/2026	BMESF members	20 undergraduate students	N/A

X.B.6. University of Texas Girl Day

Each year, we encourage our members to participate in Girl Day at the University of Texas at Austin, a flagship outreach event held during Engineering Week. This program invites young girls from across the community to explore the world of engineering through hands-on activities, interactive demonstrations, and mentorship from university students. Our members volunteer on-site to help run our booths, guide participants through experiments, and share their experiences in the biomedical engineering fields. By serving as mentors and role models, students help inspire the next generation of engineers while promoting confidence and curiosity in STEM.

Date	Audience	Attendance	Cost
2/28/2026	BMESF members	18 undergraduate students	N/A



X.B.7. Pie a President

Texas Alpha Epsilon Delta (AED) is a pre-health professional society that hosts Pie a President every year on the UT Austin campus. AED officers reached out to us asking our chapter to join this year's Pie a President event. Our BMES President Sneha Sinha, VP Relations Esha Shenoy, and VP Operations Nandini Senthilkumar volunteered to get a pie in the face from our members. Each pie goes towards Operation KidDocs, a group of pediatric surgeons, nurses, and other professionals from Austin that travels to Guatemala to provide pro bono medical procedures for underprivileged children.

Date	Audience	Attendance	Cost
4/2/2026	UT Students	23 BMES members	N/A





XI. Mentoring Activities

XI.A. Abstract

One of our missions is to provide mentoring to our members, whether from BMES members, through guest speakers, or even alumni. This year, we hosted BME professors, upperclassmen, and alumni at our general meetings. The intended audience of these events is underclassmen. Particularly with Track Night and Career Night, upperclassmen and alumni provide underclassmen with advice on how they have navigated their way through the Texas BME program as well as what their career plans are for the future. The BME program at UT Austin is relatively small and students take similar if not the same courses throughout their career as an undergraduate student – these activities allow older students to share their knowledge with those who have just begun their undergraduate career.

In addition to these larger mentoring events, we hosted events where students had the opportunity to meet board members and active club participants in a more informal setting, ask questions, and build connections within the organization. We also organized coffee chats that allowed members to engage in one-on-one conversations with executive officers, creating a more personalized mentorship experience as well as giving executive officers insight on how to help members. These efforts further strengthened our mentoring initiatives by fostering approachable, peer-driven support systems within the chapter.





XI.B. List of Mentoring Activities

XI.B.1. Gone to BME

Texas BMES participated in Gone to BME, a panel event featuring notable BME students including our VP of Membership. Incoming BME students had the chance to get their early questions answered on everything from classes and campus life to career paths and job opportunities in the field. The event set a welcoming and informative tone for new students, helping them feel more confident and prepared as they embarked on their BME journey at UT Austin.

Date	Audience	Attendance	Cost
8/24/2025	BMES members	43 undergraduate students	N/A

XI.B.2. Gone to Engineering

Texas BMES participated in Gone to Engineering, the Cockrell School of Engineering's premier welcome event for incoming first-year and transfer students. Chapter representatives tabled and presented at the event, introducing new engineering students to everything BMES has to offer and encouraging them to get involved. The event served as a valuable opportunity to connect with and support the newest members of the Texas Engineering community before the semester got underway.

Date	Audience	Attendance	Cost
8/24/2025	BMES members	50-80 students	N/A



XI.B.3. General Meeting #2: Track Night

Track Night is hosted by Texas BMES annually in the Fall semester. Many students do not know the technical areas upon entering into the Biomedical Engineering program – this event provides insight into the technical areas – their descriptions, classes to take within the technical area, and its usual career pathway. This event is geared towards BMES underclassmen as technical areas must be selected by junior year. Panels are formed by upperclassmen and alumni of each technical area (colloquially known as “track”) within the Texas BME program:

1. Biomedical Imaging and Instrumentation – 4 BME Upperclassmen
2. Cellular and Biomolecular Engineering – 4 BME Upperclassmen
3. Computational Biomedical Engineering – 4 BME Upperclassmen
4. Molecular, Cellular, and Tissue Biomechanics - 4 BME Upperclassmen

Each panel spoke one at a time and after panelists spoke, students had the opportunity to ask questions. At the conclusion of the event, students had the opportunity to network with each other and with panelists, allowing for more personal advice and mentorship.

Date	Audience	Attendance	Cost
9/16/2025	BMES members	24 underclassmen students 16 upperclassmen students	\$542.01



XI.B.4. General Meeting #3: Meet the Professors

This general meeting was hosted by Texas BMES and was focused on introducing prominent professors within the Texas BME department. Students asked questions regarding faculty careers, hobbies, and reasoning for pursuing academia. After the event, students had the opportunity to speak with professors one on one for more personal advice. Professors in attendance this fall included: Dr. Daniel Puperi, Dr. Mia Markey, and Dr. Kenneth Diller.



Date	Audience	Attendance	Cost
9/30/2025	BMES members	18 undergraduate students 3 BME professors	\$130.98

XI.B. 5. Study Night

We hosted study nights throughout the year for members to prepare for upcoming midterms and finals. These sessions featured teaching assistants from classes that students needed help in. Additionally, these sessions were a great way for students to receive guidance on projects from students who had successfully completed courses.

Date	Audience	Attendance	Cost
10/21/2025	BMES members	21 undergraduate students	\$0.00



XI.B.6. BMES x BOLT x TEWH Study Night

Texas BMES joined forces with fellow BME organizations Biomedical Outreach and Leadership Team (BOLT) and Texas Engineering World Health (TEWH) to host a collaborative Study Night open to members across all three organizations. Learning Assistants from core BME courses were invited to attend and provide academic support, helping students work through ongoing projects and prepare for upcoming exams. The event offered a calm and productive study environment while fostering community and connection among the broader BME student body at UT Austin.

Date	Audience	Attendance	Cost
12/03/2025	BMES members	34 undergraduate students	N/A

XI.B.7. Officer Coffee Chats

BMES members were given the opportunity to connect 1-on-1 with members of the officer team, seeking advice about their leadership position, classes, and career pathways.

Date	Audience	Attendance	Cost
3/24 - 4/13/2026	BMES members	8 undergraduate students	N/A



XI.B.8. Career Night

Career Night is hosted by Texas BMES annually in the Spring semester. This event is geared towards undergraduate BME students at UT Austin. Panels are formed by alumni of the major career pathways that Biomedical Engineers commonly pursue:

1. Industry - representatives from ClearCam, McKinsey, Abbott
2. Law - representatives from criminal defense law, patent law
3. Medical School - students from UT Southwestern, Dell Medical School, students at Texas A&M School of Medicine, Texas A&M Engineering Medicine, and a Cardiac Anesthesiologist at BSLMC and Texas Heart Institute in Houston, TX
4. Graduate School - 1 PhD Candidate, 2 PhDs currently working in BME academia/research/industry

Each panel had a dedicated room in which students could choose which career pathways they would like to hear more about. At the end of the event, students had the opportunity to network to connect personally with each of the panelists.

Date	Audience	Attendance	Cost
2/21/2026	Undergraduate BME students	35 undergraduate students 7 industry representatives 1 law representatives 4 medical school students 5 graduate representatives	\$299.16



XI.B.9. Pre-Med Office Hours

Pre-Med Office Hours were held on a bi-weekly basis to provide students with individualized guidance throughout the medical school application process. During these sessions, students had the opportunity to ask personalized questions and receive feedback on key components of their applications, including personal statements, clinical and volunteer experiences, and Research Experiences for Undergraduates (REU) applications. These office hours were led by peers who have successfully navigated the medical school application process, allowing attendees to gain practical insights, mentorship, and advice grounded in recent, firsthand experience. This initiative created an accessible and supportive environment for students to better understand the application timeline, strengthen their materials, and make more informed decisions about their pre-med journey.

Date	Audience	Attendance (through the year)	Cost
Biweekly	Pre-Med BMES members	23 students	\$00.00

XI.B.10. Pre-Grad Office Hours

Pre-Grad Office Hours were hosted to provide personalized, one-on-one support for students exploring graduate school pathways. These sessions were designed to meet students at any stage of the pre-grad journey, from underclassmen seeking general guidance to upperclassmen preparing application materials such as resumes and personal statements. Our Pre-Grad Mentor facilitated individualized conversations, helping students navigate timelines, expectations, and next steps. Office hours also connected students with Texas BME graduate students, alumni, and faculty, offering diverse perspectives on the graduate experience. Additionally, these sessions served as an accessible space to learn about specific opportunities, including lesser-known scholarships, fellowships, and research programs.

Date	Audience	Attendance (through the year)	Cost
Biweekly	Pre-Grad BMES members	16 students	\$00.00

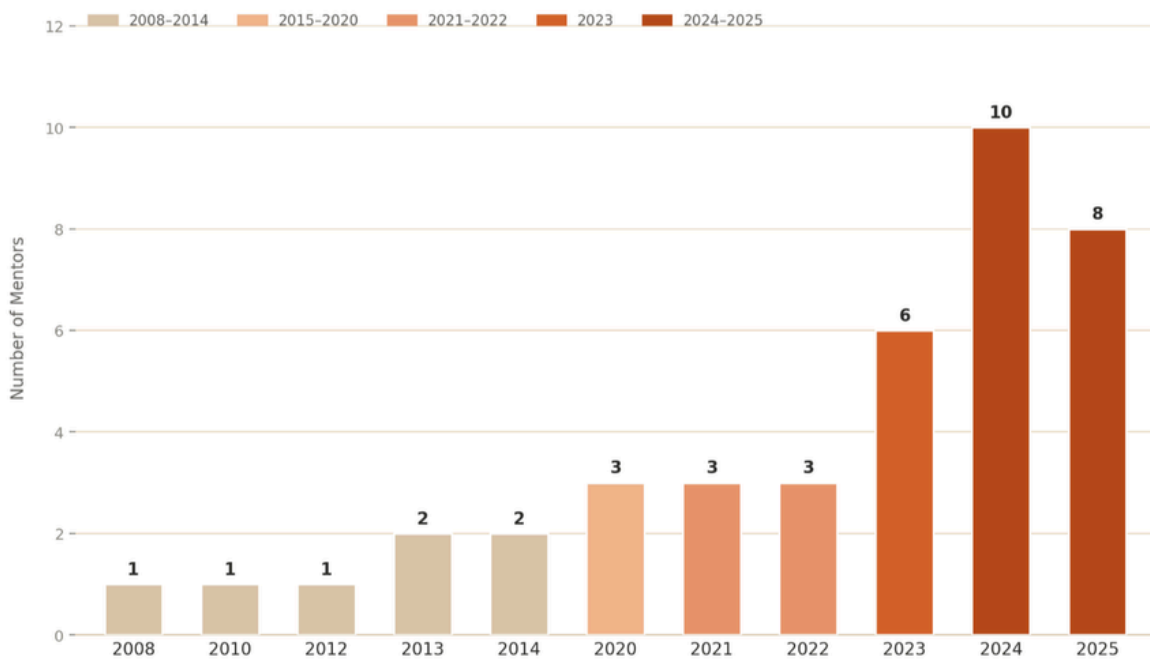


XI.B.10. Alumni Mentoring

This year, we started an initiative to increase alumni relations and upperclassmen retention by launching an Alumni Mentorship program with 40 alumni signing up to participate. We connected upperclassmen students in UT BME to these 40 alumni for monthly one-on-ones on zoom. This program gave students one-on-one mentorship, unique insight, and relations with a mentor in a field of their choosing. It also gave alumni more connections to current BME students, and a closer connection with this organization. From our 40 alumni, we had:

- **17 Industry Mentors** working at companies like Merck, NASA, Stryker, and Johnson and Johnson
- **13 Medical Students and Doctors** at schools like UT Southwestern, Harvard, UT Long School of Medicine, and especially from Texas A&M's Engineering Medicine program
- **9 PhD students or Professors** all across the country working in various fields such as Computational Engineering at Stanford to Nanotechnology in Georgia Institute of Technology
- **1 Lawyer** specializing in Patent Law

Alumni Mentors by Graduation Year





XII. Industry or Professional Development Activities

XII.A. Abstract

One of the primary goals of Texas BMES is to provide members with meaningful industry exposure and professional development opportunities that broaden their career paths. We achieve this in three key ways: leadership opportunities, networking events, and targeted workshops. Members can take on leadership roles such as Freshman Liaison or serve on Case Competition and Design Competition Committees, working closely with the officer team to build valuable skills. We also host networking events with leading medtech and biotech organizations, including Johnson & Johnson, TAMU EnMed, and Roche, allowing students to connect directly with industry professionals. Additionally, we organize pre-med and pre-graduate workshops tailored to students pursuing medical or research-focused careers.

To expose students to the wide range of opportunities within biomedical engineering, we host professional development events featuring representatives from companies, startups, and consulting backgrounds. These events highlight diverse roles such as regulatory affairs, medical devices, entrepreneurship, and healthcare consulting. Students gain insight into day-to-day responsibilities, essential skills, and effective networking strategies.

Beyond industry exposure, Texas BMES supports academic and clinical pathways through dedicated programming. Pre-grad initiatives include workshops on REUs, fellowships, and scholarships, while pre-med programming offers guidance on applications, timelines, and mentorship. Together, these efforts empower members to pursue diverse and successful career paths.





XII.B. List of Industry or Professional Development Activities

XII.B.1. Leadership Opportunities

XII.B.1.a. Freshman Liaisons

See Section V.B.11. for a description of the role. Candidates filled out an application that was open for 3 weeks. The officers considered the candidates based on their enthusiasm, ideas, and other commitments. We reviewed the applications prior to the executive meeting on 09/26/2025. The top candidate was chosen.

Decision Date	Audience	Number of Applicants	Cost
09/26/2025	Freshmen BMES members	10 undergraduate students	N/A





XII.B.1.b. Service Chair

See Section V.B.13. for a description of the role. Candidates filled out an application that was open for 3 weeks. The officers considered the candidates based on their enthusiasm, ideas, and other commitments. We reviewed the applications prior to the executive meeting on 09/19/2025. The top candidate was chosen.

Decision Date	Audience	Number of Applicants	Cost
09/18/2025	All BMES members	5 undergraduate students	N/A

XII.B.1.c. Pre-Med Cordinators

See Section V.B.9. for a description of the role. Candidates filled out an application that was open for 4 weeks. The officers considered the candidates based on their experience with the medical school application process. We reviewed the applications by 05/12/2025. The top candidate was chosen.

Decision Date	Audience	Number of Applicants	Cost
05/12/2025	Senior BMES members	7 undergraduate students	N/A

XII.B.1.d. Pre-Grad Cordinator

See Section V.B.10. for a description of the role. Candidates filled out an application that was open for 4 weeks. The officers considered the candidates based on their experience with REUs, applying to fellowships/scholarships, and the graduate school application process. We reviewed the applications by 05/12/2025. The top candidate was chosen.

Decision Date	Audience	Number of Applicants	Cost
05/12/2025	Senior BMES members	2 undergraduate students	N/A



XII.B.1.e. Case Competition Committee

See Section XIII.B.1. for a description of the competition. The committee, under the purview of VP External, was composed of one (1) chair and nine (9) members. The committee was divided into three (3) subcommittees to successfully run the competition. The Prompts subcommittee created the prompt for competitors to solve; the Team subcommittee found teams and free agents



to compete and was responsible for providing the information about the competition to the competitors; and the Judge subcommittee contacted judges for the competition.

Decision Date	Audience	Member Breakdown
09/16/2025	BMES members	1 chair 1 Prompts Committee Chair 2 members of Prompts subcommittee 1 Teams Committee Chair 2 members of Team subcommittee 1 Judges Committee Chair 2 members of Judge subcommittee



XII.B.1.f. Design Competition Committee

See Section XIII.B.2. for a description of the competition. The committee, under the purview of VP Internal, was composed of one (1) chair and seven (9) members. The committee was divided into three (3) subcommittees to successfully run the competition. The Prompts subcommittee created the prompt and supported the teams along the way; the Team subcommittee advertised the competition and managed the formed teams; and the Judge subcommittee contacted judges for the competition.

Decision Date	Audience	Member Breakdown
4/4/2026	BMES members	1 chair 3 members of Prompts subcommittee 3 members of Team subcommittee 3 members of Judge subcommittee





XII.B.1.g. National Medical Device Make-A-Thon Committee

See Section XIII.B.3. for a description of the competition. The committee, under the purview of VP External and MDM Chair, was composed of two (2) Judge/Mentor Heads, one (1) Treasurer, three (3) Sponsorships members, one (1) Website Head, one (1) Media Head, one (1) Liaison, and one (1) Merchandise Coordinator. The committee was under the guidance of two (2) faculty advisors: Dr. Laura Suggs and Dr. Edward Castillo.

The Judge/Mentor heads coordinated judge and mentor recruitment, training, and general contacting. The Treasurer worked in parallel with VP Finance to manage finances and catering. The Sponsorship team contacted sponsors for funding. The Website head created and maintained the website year-round. The Media head managed social media posts and photography/livestreaming during the event. The Merchandise coordinator designed and ordered all competition merchandise.

Decision Date	Audience	Member Breakdown
06/10/2025	BMES members	2 Co-Directors 2 Judge/Mentor Heads 1 Treasurer 3 Sponsorship Members 1 Website Head 1 Media Head 1 Liaison 1 Merchandise Coordinator



XII.B.2. Industry Events

XII.B.2.a. Info Session with Roche

One representative from Roche, a UT alum, shared internship opportunities and upcoming rotational program within the Department of Global Regulatory Affairs. Students were introduced to available roles and gained insight into the application process and experience working at Roche, including perspectives from a former process engineering intern now working full-time.

Date	Audience	Attendance	Cost
09/17/2025	BMES members	14 undergraduate students 1 representative	\$0.00

XII.B.2.b. BMES and TEWH Startup Social

Founders from three (3) startups (Moyae, ClearCam, and Amikus) along with one independent entrepreneur (a previous Texas Engineering World Health officer), spoke to students about their journeys in entrepreneurship. Students gained insight into the challenges and uncertainties of building a startup, as well as the different paths individuals can take when pursuing entrepreneurial ventures, ranging from engineering to law.

Date	Audience	Attendance	Cost
10/06/2025	BMES and TEWH members	10 undergraduate students 3 representatives	\$0.00



XII.B.2.c. GM #4: Johnson & Johnson - Biosense Webster

Three (3) representatives from Johnson & Johnson - Biosense Webster met with students to speak about their CRM role and the daily life of a CRM intern during the summer. Students also learned about the medical devices that Biosense Webster uses on the field when providing cardiac surgeries in local hospitals.

Date	Audience	Attendance	Cost
10/14/2025	BMES members	38 undergraduate students 6 representatives	\$163.18

XII.B.2.d. GM #5: Biodynamic Research Corporation

One (1) representative from Biodynamic Research Corporation met with students to share his transition from working as an ER physician into consulting. Students learned more about what a career in consulting can look like, specifically when coming from a clinical background, and the steps involved in making that shift. The representative also highlighted how medical experience can be applied in a business setting and gave students a better sense of the different paths and opportunities within healthcare consulting.

Date	Audience	Attendance	Cost
10/28/2025	BMES members	10 undergraduate students 1 representative	\$73.79



XII.B.2.e. GM #9: Biodynamic Research Corporation

One (1) representative from Biodynamic Research Corporation met with students to share his experience working on consulting cases involving injuries from roller coasters and bike accidents. Students gained insight on how consulting is applied to real world scenarios, partially in cases concerning safety.

Date	Audience	Attendance	Cost
02/10/2026	BMES members	26 undergraduate students 1 representative	\$166.81

XII.B.2.f. GM #10: Johnson & Johnson MedTech

Two (2) representatives from Johnson & Johnson MedTech met with students to share their experience working in electrophysiology as a CRM and promote internship opportunities in the field. Students were able to network with the representatives afterwards.

Date	Audience	Attendance	Cost
03/11/2026	BMES members	11 undergraduate students 2 representative	\$131.50



XII.B.2.g. Abbot EP

Four (4) representatives from Abbott's Electrophysiology Program met with students to share their experience working in electrophysiology as a CRM and promote internship opportunities in the field. Additionally, the representatives had a one hour networking and Q&A session with the undergraduate students after the hour of presentations. This was hosted with the department of Biomedical Engineering, who generously catered food for the event.

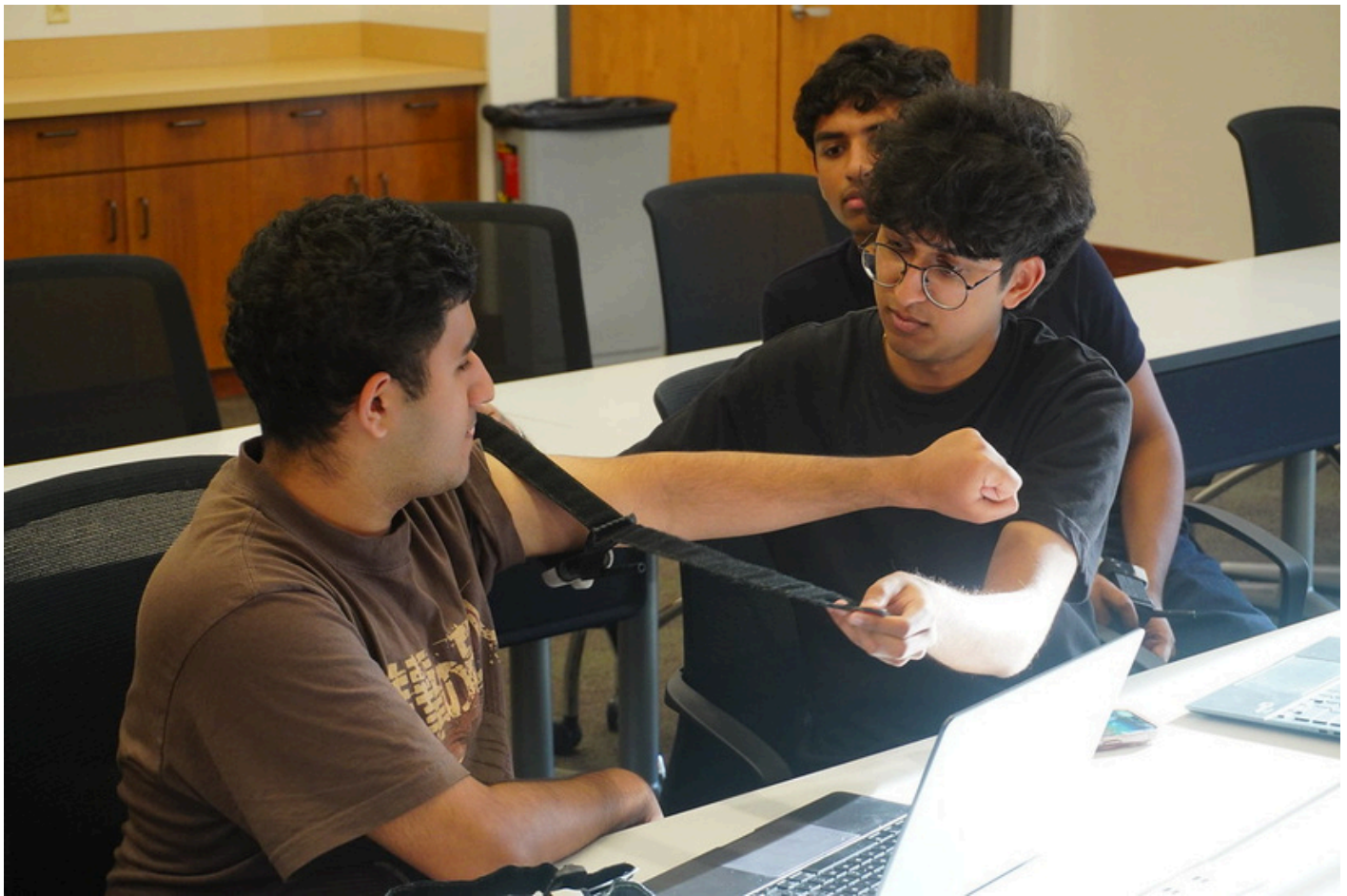


Date	Audience	Attendance	Cost
0/11/2026	BMES members	11 undergraduate students 4 representative	\$0



XII.B.3. Pre-Medical School Activities

In order to help prepare our pre-medical BMES members to apply to medical school, we hosted a series of workshops covering the major components of the medical school application, from MCAT preparation to clinical experiences. In addition, we organized opportunities for students to be able to hear from medical professionals and medical students alike to understand if medical school is the best path for them and the work and considerations the process to getting there would entail.





XII.B.3.a. Medical School Applications and Coursework Workshop

We hosted a workshop going over how pre-medical BME students should organize their coursework, in order to meet the requirements set up by Texas Medical and Dental Schools Application Service. We also went over the basic soft requirements about applying to medical schools, such as maintaining a strong science GPA, and pursuing research opportunities.

Date	Audience	Attendance	Cost
09/24/2025	BMES Members	14	\$0.00

XII.B.3.b. MCAT Workshop

We hosted a workshop going over preparing for the Medical College Admissions Test, covering content-review strategies, questions banks, and paid resources students could purchase in order to improve their test-taking skills. We also went over the timelines for taking the MCAT, and how students can pace themselves to study for it during the school year and outside of it.



Date	Audience	Attendance	Cost
11/5/2025	BMES Members	5	\$0.00



XII.B.3.c. Medical School Admissions Panel

We hosted a panel for students interested in the pre-medical pathway while being a BME student. The panel consisted of Texas BME alumni who are currently attending UT Dell Medical School, A&M EnMed, UT Medical Branch, Long School of Medicine, UT Southwestern, and McGovern Medical School.



Date	Audience	Attendance	Cost
01/28/2026	BMES Members	34	\$0.00

XII.B.3.d. EnMed Site Visit

We organized a site visit to the Texas A&M School of Engineering Medicine to allow BMES students to get a chance to tour a medical school facility, as well as to network with admissions coordinators and ask any questions they may have about both medical school admissions as well as what it means to pursue an interdisciplinary medical education such as the program offered by EnMed.



Date	Audience	Attendance	Cost
01/30/2026	BMES Members	10	\$0.00



XII.B.3.e. GM #8 Suture Clinic Workshop in Collaboration with Princeton Review

We hosted a workshop with Princeton Review where Army surgeons spoke to students about the process of suturing and the different techniques required in this medical process. Students got to practice their skills in suturing as well.

Date	Audience	Attendance	Cost
1/28/2026	BMES members	15 undergraduate students 2 representatives	\$190.00

XII.B.3.f. Preparing the AMCAS/TMDSAS Application Workshop

We hosted a workshop going over the online application portal for the Texas and Medical school services. We covered professional reviewers that students could consider if they wanted to further refine how they present their applications, and potential timelines to follow for the submission process of their primary and secondary applications.

Date	Audience	Attendance	Cost
3/4/2026	BMES members	5 undergraduate students	\$0.00

XII.B.3.g. Essay-Writing Workshop

We hosted a workshop to help students better understand the components of a strong Personal Statement for medical school applications. We also discussed who students can reach out to for professional review of medical school personal statements.

Date	Audience	Attendance	Cost
3/6/2026	BMES members	5 undergraduate students	\$0.00



XII.B.4. Pre-Graduate School Activities

To better serve students who aspire to attend graduate school or pursue careers in academia, we organized a series of workshops designed to provide insight into graduate school and career paths beyond industry. These workshops aimed to give students the knowledge and resources they need to make informed decisions about their future. One of our officers, who is deeply passionate about pursuing graduate school and a future in academia, took the lead in preparing for this workshop. His efforts ensured that attendees received accurate, practical, and insightful guidance about applying to graduate school. Tau Beta Pi, the engineering honor society, partnered with us for these events to help educate students about their graduate school options.





XII.B.4.a. Being a BME Pre-Grad + Getting Research at UT

With many students considering education beyond their undergraduate degree, we hosted a workshop to share valuable information about pursuing graduate school. The session covered the benefits of graduate study, key differences between master's and PhD programs, including cost, time commitment, and application processes, and highlighted the integrated master's program offered at our university.

Date	Audience	Attendance	Cost
09/10/2025	BMES and TBP members	29	\$0.00

XII.B.4.b. Scholarships + Fellowships Workshop

With many students considering education beyond their undergraduate degree, we hosted a workshop to share valuable information about pursuing graduate school, specifically with fellowships and scholarships. The session covered prestigious scholarships awarded at the undergraduate level, fellowships to fund graduate study, as well as fellowships awarded by the university to fund research. In addition to the scholarships themselves, the session covered the process of how to apply for these awards, including personal statements, research essays/proposals, and recommendation letters.

Date	Audience	Attendance	Cost
10/01/2025	BMES and TBP members	24	\$0.00



XII.B.4.c. REUs and Summer Research Programs

With many students considering education beyond their undergraduate degree, we hosted a workshop to share valuable information about pursuing graduate school, specifically with summer research programs. The session covered prestigious programs awarded by the NSF, Amgen, DAAD, and other organizations. In addition to the opportunities themselves, the session covered the process of how to apply for these programs, including personal statements, research essays/proposals, and recommendation letters.

Date	Audience	Attendance	Cost
11/12/2025	BMES and TBP members	28	\$147.58

XII.B.4.d. REU Application Workshop

As an extension of the workshop hosted in November, this workshop reviewed the opportunities funded by organizations such as the NSF, Amgen, DAAD, and others. In addition to introducing these programs, the workshop offered practical advice on navigating the application process, with a particular focus on crafting strong materials. Attendees received feedback on their essays, including personal statements and research proposals, and gained insight into securing effective letters of recommendation.

Date	Audience	Attendance	Cost
1/27/2026	BMES and TBP members	22	\$0.00



XII.B.4.e. Conferences + Interviews Workshop

With many students preparing to present their work and pursue competitive opportunities, we hosted a workshop focused on conference readiness and interview preparation. The session provided guidance on effectively communicating research through posters and oral presentations, as well as strategies for networking and engaging with peers and professionals at conferences. In addition, the workshop covered best practices for interviews, including how to articulate research experiences, respond to common questions, and convey confidence and professionalism. Attendees had the opportunity to practice and receive feedback, helping them refine their presentation and interview skills.

Date	Audience	Attendance	Cost
3/3/2026	BMES and TBP members	18	\$0.00

XII.B.4.f. Scholarships/Fellowships Application Workshop

As an extension of the workshop hosted in October, we hosted a Scholarship and Fellowship Workshop to share valuable information about competitive funding pathways. The session highlighted prestigious undergraduate scholarships, graduate fellowships, and university-awarded research funding opportunities. In addition to introducing these awards, the workshop provided guidance on navigating the application process, with a strong emphasis on developing compelling materials. Attendees received feedback on their essays, including personal statements and research proposals, and gained insight into securing strong letters of recommendation.

Date	Audience	Attendance	Cost
04/01/2026	BMES and TBP members	19	\$0.00



XIII. Societal Impact Activities

XIII.A. Abstract

In addition, Texas BMES expanded its professional and academic programming through initiatives such as the National Medical Device Make-a-Thon (MDM) and Journal Club. MDM brought together over 170 undergraduate students from universities across the country for a 48-hour design competition focused on solving

real-world healthcare challenges, providing participants with hands-on experience in prototyping, interdisciplinary collaboration, and industry mentorship. Journal Club offered a structured environment for students to develop skills in reading and analyzing research papers, engaging with scientific topics in biomedical engineering, and participating in academic discussions.



Texas BMES hosts two competitions that challenge teams consisting of two (2) to five (5) undergraduate students to propose and design an innovative solution to problems within the field of biomedical engineering. The Case Competition and Design Competition are held annually and are open to all undergraduate students enrolled at the University of Texas at Austin. Students present their project plan in a formal business presentation to a panel of judges ranging from industry industry professionals to professors to graduate/post-doctoral students. This year's Case Competition challenged sixteen (16) teams to address possible improvements for pediatrics. This year's Design Competition challenged eight (8) teams to design a device that assists caregivers. The winning teams presented innovative solutions and received monetary prizes.



XIII.B. List of Societal Impact Activities

XIII.B.1. Case Competition 2025

The Case Competition is designed to facilitate thorough concept development and planning/project development skills in students. Teams must identify the feasibility, implementation, and cost as well as the political, legal, and social consequences of their solution.

This year's Case Competition challenged sixteen (16) teams of undergraduate students to address how to improve on pediatrics and children's health, varying with solutions from increasing the accessibility of healthcare in the field of pediatrics, improving upon existing systems, or decreasing its cost. The Case Competition Committee provided the prompt at the in-person kickoff event. Teams were given four (4) weeks to figure out and finalize a solution that they would present in front of a panel of judges at the in-person competition date. Three (3) teams were awarded with the following prizes: (1st) \$300, (2nd) \$250, (3rd) \$150.

Date	Audience	Attendance	Cost
Kickoff: 10/18/2025	All undergraduate students at the University of Texas at Austin	67 undergraduate students (majors in BME, ChemE, MechE, CS, Neuroscience, ECE, Microbiology, and Informatics)	\$993.92
Competition: 11/15/2025		4 judges (1 UT Professor, 3 Central Texas Angel Network investors, 2 of whom are MDs)	



XIII.B.2. Design Competition 2026

The Design Competition is designed to facilitate concept and product development skills in students. Teams are given free rein to identify an issue within the biomedical engineering field that they wish to address. They are then to build a prototype that will be presented to a panel of judges in the form of an open gallery – judges will approach each group about their prototypes and give them scores. The judges consist of individuals with a variety of backgrounds, from industry professionals to professors to graduate/post-doctoral students.

This year's Design Competition challenged eight (8) teams to design a device that helps improve the mental or physical load on caregivers. The Design Competition Committee provided the prompt at a kickoff event. Teams were required to meet with a member of the committee to show their progress before competition day. Teams have four (4) weeks to finalize their solutions that they would present in front of a panel of judges at the in-person competition date. The competition was sponsored by EnMed, whose support helped make the event possible. Three (3) teams were awarded with the following prizes: (1st) \$300, (2nd) \$200, (3rd) \$100.

Date	Audience	Attendance	Cost
Kickoff: 3/4/2026	All undergraduate students at the University of Texas at Austin	32 undergraduate students (majors in BME, CHE, ECE, MechE, BHP, Math)	\$792.99
Competition: 4/4/2026		3 judges (UT BME alumni at a ClearCam, clinical researcher at Abbott, chief clinical officer at Hospice Austin)	

XIII.B.3. The National Medical Device Make-a-Thon

176 students from 12 different universities attended the 2026 National Medical Device Make-A-Thon. These universities were the University of Texas at Austin, the University of Texas at San Antonio, the University of Texas at Arlington, Texas A&M University, the University of Houston, the University of Missouri-Columbia, the University of Iowa, the University of Oklahoma, the University of Central Oklahoma, Duke University, Wichita State University, and the University of Nebraska-Lincoln. Of the competitors, 35 represented UT Austin and got to present to, watch, and even work with student teams from across the nation. This gathering of diverse talent on UT Austin campus is one of the primary benefits that MDM brings UT students. Undergraduates could gain inspiration from meeting a new set of students with similar interests and seeing how their creativity and knowledge could lead to meaningful impact, on top of the trial-by-fire professional development.



To coordinate the event, the MDM Chair and VP External (serving as co-directors of the event) recruited a team of 10 committee members to coordinate the event, out of 16 applications. 3 committee members were Sponsorship Coordinators, 2 were Judge/Mentor Coordinators, 1 Treasurer, VP Finance, 1 Operations/Branding Coordinator, 1 Liaison, and 1 Social Media Coordinator, see Section XII.B.1.g. for more details on MDM Committee.



Teams identified an issue facing the NICU, researched it, engineered a physical solution to improve neonatal care, and pitched their product idea to a panel of judges within 24 hours. Top 12 teams advanced to Round 2 where they had to outline a path for regulatory approval, business model, and use in hospitals. Each team (maximum 6 members) included two or more underclassmen. Several UT teams were even made entirely of BME underclassmen, giving these students an impactful experience early in their careers to learn about the elements of healthcare product development and build practical engineering acumen. These skills, as well as experience with interdisciplinary teamwork, communication, and 3D prototyping, will benefit BME students as they start their senior design projects and future careers.

Additionally, the panel of judges consisted of topic and field-specific professionals, such as Dr. Stephen Ekker and Dr. Steven Abrams of Dell Medical School, neonatologist Dr. Yvonne Wong, and Dr. Lance Black of A&M School of Engineering Medicine, who engaged teams with probing questions and offered relevant experience-based insights. The panel of mentors also included a range of individuals, UT alumni, and MDM alumni from industry, academia, and clinical backgrounds who offered participants well-rounded perspectives on their designs. Teams selected and were paired with mentors whose backgrounds most closely aligned with their questions and device ideas, and had the chance to rotate with industry, academic and medical mentors. Students also had the opportunity to connect with and learn from the paths of these professionals beyond the competition focus.





By simulating the full product development cycle, from concept to final pitch, the Make-a-thon strengthened students' ability to collaborate across disciplines, communicate technical ideas, and align innovation with real clinical and market needs and further their career and portfolio.

We collaborated with multiple engineering entities to make this event happen. Our sponsors, made up of various entities, included: UT Austin's Biomedical Engineering Department, Texas A&M's Engineering Medicine program (EnMed), Spectral Instruments Imaging, a Bruker Company, United Therapeutics, Hi-Re, and UT's Student Engineering Council. One of the largest collaborators, key to the event's operations, was Austin Technology Incubator (ATI). ATI heavily influenced the rubric, collected the competition with several industry judges, and also are going on to mentor 3 of their chosen teams for furthering their idea into a real startup. Another collaborator was Dell Medical School's Office and Innovation and Entrepreneurship, who connected us with several judges and aided us in publicizing the event.



Date	Audience	Attendance	Cost
03/06/2026 - 03/08/2026	Undergraduate students interested in medical device design	176 undergraduate students 20 competition mentors 8 competition judges	\$16,073.32



XIII.B.4. Journal Club

Journal Club was created to introduce students to the process of reading and understanding primary scientific literature in a structured but low-pressure setting. Led by BME professor Dr. Nuttada Panda, meetings focused on discussing research papers related to biomedical engineering topics, with an emphasis on diagnostic disparities and challenges in healthcare. Students practiced



breaking down complex papers, interpreting data, and engaging in group discussions to better understand study design and results. Guest researchers also joined to share their work and perspectives, giving students exposure to real-world applications of research. Overall, Journal Club served as an accessible entry point for students to build confidence in reading scientific literature and participating in academic conversations.

Date	Topic	Attendance
9/10/2025	Overview: Diagnostic for All	9
9/24/2025	Tri-epidemic	8
10/15/2025	Deadly diarrheal diseases	5
10/29/2025	HPV and associated cancers	5
11/11/2025	Cardiovascular Diseases	6



XIV. National BMES Meeting

XIV.A. Attendance at 2025 Annual Meeting

Four (4) members of our chapter were selected to attend the BMES Annual Meeting this past year in San Diego, California. Our chapter President was in charge of selecting the attendees and representing the officer team.

Each of the attendees applied to the National Meeting volunteer program and also volunteered to support our university's BME department to promote our BME program at our exhibit hall booth. Additionally, students networked with meeting attendees to learn more about Texas BME presence at other academic and professional institutions.

Date	Audience	Attendance	Cost
10/8/2025 - 10/12/2025	BMES members	4 BME undergraduate students	See below for cost breakdown

Type	Category	Total
Revenue	UT BME Department	\$5,000.00
Expenditures	Registration	-\$1445.00
	Lodging	-\$1088.60
	Flights	-\$2466.40
Final Balance		\$0



XIV.B. Goals for Future Annual Meetings

The 2026 BMES Annual Meeting presents a significant opportunity of growth for both Texas BMES and its members. This past year, 6 Texas BMES members attended (4 sponsored by our chapter), with all six presenting undergraduate research posters, and 2 were selected to volunteer to help support Annual Meeting operations.

By attending the upcoming meeting, we aim to expand our network of corporate partners representative of the diverse career pathways available to our members. Strengthening these partnerships will allow us to connect students with industry professionals while also increasing chapter revenue, which directly supports programming and member opportunities. In addition, continued engagement at the Annual Meeting will allow us to build relationships with other BMES student chapters, supporting the development of future inter-chapter collaborations. We also plan to submit a special session proposal focused on the role of artificial intelligence in medicine and research.





Texas BMES is committed to increasing member participation in the Annual Meeting, recognizing the unique value of attending as an undergraduate. We are actively encouraging students involved in research to submit abstracts to the undergraduate poster session, providing the opportunity to gain recognition while developing strong communication and presentation skills. Attendees will also benefit from networking with company representatives in the Exhibit Hall and learning from leaders in the field through lectures and Special Sessions.

We utilize university and organization funds for travel costs, wherever possible. Texas BMES members involved in undergraduate research have begun coordinating with their principal investigators (PIs) to confirm potential lab funding to help them attend the Annual Meeting. We will continue encouraging this approach to broaden access to the Meeting.

In addition, Texas BMES will utilize both chapter and departmental funding to offer travel grants, further reducing financial barriers to attendance. These grants will be awarded through an application process in which students outline their goals for attending and how they intend to engage with the conference. Officers and general members will be evaluated equally. The number of awards will be determined based on available funding, with the goal of supporting an expanded cohort of students. Through these efforts, we aim to provide more Texas BME students than ever before with exposure to biomedical engineering on a national scale.





XIV.C Previous Annual Meetings

Over the past several years, Texas BMES has maintained a consistent and growing presence at the BMES Annual Meeting, with members actively contributing through research presentations, special sessions, and conference engagement. In 2023, seven members attended the Annual Meeting, where the chapter contributed to a special session focused on how the identities and backgrounds of biomedical engineering professionals influence their career trajectories, highlighting perspectives on representation and inclusion within the field. In 2024, five members attended and further expanded the chapter's involvement by organizing a special session centered on increasing undergraduate inclusion in research, reinforcing Texas BMES's commitment to broadening access to research opportunities.

Most recently, in 2025, six Texas BMES members attended the Annual Meeting, all of whom presented undergraduate research posters, with two also selected to volunteer in support of conference operations. This level of engagement reflects both the academic strength of the chapter's members and their commitment to contributing meaningfully to the national BMES community.

Across these years, Texas BMES members have consistently used the Annual Meeting as an opportunity to present research, engage with professionals across academia and industry, and build connections with other student chapters. This sustained involvement has strengthened the chapter's visibility at the national level while reinforcing a culture of research, collaboration, and professional development among its members.





XV. Future Direction

Texas BMES had a successful year hosting BME professors, graduate students, alumni, and industry representatives in several general meetings, socials, and competitions. We carried out our duties to serve our members both professionally and socially.

A major issue that we face is membership retention - especially amongst freshmen and upperclassmen. The incoming officer team intends to focus on increasing member retention through more community building activities as well as big/little mentorship, socials, leadership, and networking opportunities. The 2026–2027 academic year will focus on bridging connections across all years in BME and building a close, supportive community among BMEs, members, and the broader BME department.





XV.A. General Body Meetings and Socials

We will continue to deliver a wide array of themes for our general body meetings and social events. However, next year, we will implement a more intentional strategy to increase member attendance and strengthen community at these events. Our approach focuses on making meetings more engaging, accessible, and relationship-driven through the following:

- 1. Post General Meeting Socials:** Incorporate casual socials after general meetings to encourage members to stay, talk with one another, and build connection in a more relaxed setting
- 2. Increased Number of General Meetings:** Expand from 12 to 14 general meetings for the year. Additional meetings will be **social focused** to create more opportunities for member interactions and community building
- 3. General Meeting Schedule Reorder:** shift socially focused meetings to the beginning of the semester to help members form connections early on, making them more likely to stay engaged throughout the year and encourage each other to attend professional development events as well
- 6. Hybrid Attendance:** Provide a Zoom option for members who are unable to attend in person. While in-person attendance will continue to be incentivized through free catering, this option allows us to reach members who may otherwise be unable to participate.





XV.B. Upperclassmen Involvement

This year, we had minimal upperclassmen involvement. After speaking with them, we found that many did want to be involved, but felt overwhelmed by the level of commitment required. To address this, we plan to create more accessible and flexible opportunities for engagement, including:

1. **Big/Little Pods:** Pair upperclassmen (including sophomores) with 1-2 freshmen to build mentorship relationships, provide guidance, and foster stronger connections across class years.

1. **Upperclassmen Spotlights:** Bring in upperclassmen to share their experiences with co-ops, research, internships, and coursework, giving younger students more insight into potential pathways and allow upperclassmen to get more involved

Expanded Leadership Opportunities: Introduce additional, lower-commitment roles (such as a pre-industry chair) to allow upperclassmen to stay involved without feeling overwhelmed. The pre-industry chair would be responsible for supporting and guiding students interested in pursuing industry pathways, serving as a resource for members navigating careers in BME outside of medical and graduate school.





XV.C. Inter-Chapter Activities

Last year, we partnered with OU to host a trivia competition during football's Red Rivalry Week which was a huge success. This coming year, we plan to extend our relationships with other BMES chapters through networking at conferences. Our VP Membership and VP Relations will work on fostering relationships with other chapters such as TAMU, Georgia Tech, and OU. and organize social activities with them throughout the year. We plan to target southern university chapters since they are nearby geographically and are likely more familiar with our university. Our main strategy is to contact chapter officers via email (if available), LinkedIn, and Instagram.

XV.D. Pre-Med Activities

This past year, we have successfully participated in multiple volunteering opportunities around the year. We plan to focus our efforts on connecting pre-med students with local hospitals to kickstart their volunteering hospitals and get some clinical exposure. For example, we plan to connect with the administration and coordinators at Dell Pediatrics and Ascension Seton to connect pre-medical students to get clinical hours. We plan to restart our association with Dell Children's Medical Center in our MedSims program where students are able to learn how simulation technology is applied in clinical training, interact with the same equipment used by residents, and connect directly with experts at Dell Med to gain insight into real-world medical settings.





XV.E. Corporate, Alumni, and Faculty Relations

It is vital that we maintain our relationships with companies, alumni, and faculty so that we may invite them to our events. Our VP Relations will work to reach out to more companies, graduate students, professors, medical students, and doctors through networking at career fairs, BMES Annual Meeting, and personal contacts. Our relations and their respective initiatives are broken down into the following:

1. Corporate Relations

- a. Continuing our current corporate partnerships into the following year
- b. Inviting companies to speak at General Meetings during their recruitment seasons
- c. Continue inviting startups to come in and speak with members about the entrepreneurship process
- d. Plan site visits to local companies to give members insight on career opportunities in industry

2. Alumni Relations

- a. Continuing the Alumni contact sheet and updating with the incoming graduating class' contacts
- b. Restart Alumni-Mentorship Matching between members and alumni to increase alumni involvement. Open up the mentorship program to all members, not only upperclassmen. This would involve monthly check-ups with members
- c. Utilizing Alumni as a point of contact to connect with companies

3. Faculty Relations

- a. Continue to work more closely with our faculty advisor Dr. Edward Castillo by holding monthly meetings with the officer team to discuss the chapter's progress.
- b. Work more closely with UAB and participate in meetings with the department chair Dr. Tyrone Porter to have conversations about the greater BME community.
- c. Host more faculty networking sessions with upperclassmen interested in graduate school and research
- d. Expand faculty network through inviting non-BME professors to Journal Club to show members the wide range of research opportunities that UT has to offer



XV.F. Revenue Sources and Funding

We plan to diversify our revenue sources by placing a heavier focus on partnering with Austin restaurants for profit shares. Specifically, timing profit shares to fall after general meetings will increase participation and increase funding. Additionally, fundraising efforts for the National Medical Device Make-a-Thon made our VP Finance and Finance Chair more aware of various university-affiliated funding opportunities. Our finance team will work to pursue all available university-based student organization grants, including but not limited to: UT Student Government, UT Senate of College Councils, Student Engineering Council, and the Student Events Funding Committee. The finance team is planning on collaborating with the VP Relations in order to secure non-traditional sponsors and expand sponsorship revenue. Finally, we plan to design and sell Te BME apparel in order to provide quality merchandise to UT students and faculty while raising money.





XV.G. Chapter Professional Development Events

This year, our Case & Design Competitions and Journal Club faced challenges with low participation. Engagement was largely limited to our core biomedical engineering audience, with minimal involvement from other areas of engineering. We also struggled to maintain consistent attendance across events. These issues highlight the need for broader outreach and stronger incentives to participate.

1. Case Competition and Design Competition

- a. We aim to expand participation and increase overall revenue by actively engaging students from both business and science disciplines along with our traditional emphasis on engineering majors
- b. Work with corporate sponsors to increase competition funding and competitor opportunities
- c. Continue working with alumni in order to provide feedback opportunities to competitors during the competition, and on competition day

2. Journal Club

- a. Expand beyond BME to include a broader range of disciplines and topics
- b. Focus on inviting people from University of Texas at Austin to strengthen connections across the university
- c. Encourage participation by highlighting opportunities for networking, collaboration, and career growth

