



**Biomedical
Engineering Society**
The University of Texas at
San Antonio

2024-2025 Chapter Development Report

The University of Texas at San Antonio
Biomedical Engineering Society

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Executive Summary

The University of Texas at San Antonio (UTSA) chapter of the Biomedical Engineering Society (BMES) proudly presents our work and accomplishments during the 2024-2025 academic school year. UTSA BMES represents and supports a dedicated and diverse engineering community, with the goal of providing resources to not only engineering students, but to anyone with a passion or interest in the biomedical engineering field. Our chapter strives to bring students together to build a strong support system, while also connecting them with UTSA faculty and alumni, industry professionals, and a wider engineering community.

We engage our members through opportunities for professional and educational growth, outreach, mentorship, and networking. Whether students are seeking guidance on research, internships, or simply a sense of community, UTSA BMES works to be a consistent source of support throughout their undergraduate journey.

This year, we continued to build upon and improve on the foundation laid by the previous officer boards. By offering a diverse range of events and initiatives, we ensured that every student had the opportunity to get involved in ways that aligned with their interests and goals. Thanks to the dedication of our officer board and the support of our faculty mentors, our chapter has not only grown in numbers but also in purpose. We remain committed to developing the next generation of biomedical engineers by empowering students to lead, collaborate, and innovate. As we look to the future, we are excited to continue evolving as an organization that supports student growth and makes a lasting impact.

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Cover Letter

April 30th, 2025

Student Affairs and Membership,
Biomedical Engineering Society,
1101 Wilson Boulevard, 6th Floor - Suite 953
Arlington, VA 22209.

Re: Chapter Development Report for BMES Chapter #81, the University of Texas at San Antonio

Dear Committee Members/BMES:

The University of Texas at San Antonio (UTSA) chapter of the Biomedical Engineering Society (BMES), Chapter #81, has been remarkably active and engaged during the 2024-2025 year in both serving its student members and civic engagement and outreach responsibilities. Our chapter has maintained its overall membership numbers during the year (for a total of 94 student members, 13 of whom are national members) and was also one of only a few UTSA organizations able to maintain a large number of active members with participation across general meetings and organized events. The organization created and hosted five distinct social events, six industry tours, and continued its tradition of hosting a regional medical device make-a-thon competition this spring. They also hosted a regional Research symposium with the graduate student society and the local chapter of the American Institute of Chemical Engineering (AIChE) with over 134 conference members attending with some presenting their research.

The chapter organized an exceptionally impressive variety of outreach events, all targeted at professional development and translatable skills for its members this year, including: resume building, internship networking, suture skills, 3D printing and microcontroller workshops and career success programs this past year. The chapter sent 8 members to the Medical Device Make-a-thon event in Illinois and 10 members to the national BMES annual meeting in Baltimore. The chapter was very active in participating in the civic engagement expected by the Klesse College of Engineering and Integrated Design at UTSA and led activities within the STEM Family Night, Noche De Ciencias and Engineering Week.

Overall, the UTSA BMES chapter has performed beyond the expectations of the faculty mentors and we attribute this success entirely to the BMES officers and their commitment to the chapter's mission and values.

Sincerely,

Teja Guda, PhD
BMES Chapter Faculty Advisor,
Jacobson Distinguished Professor of Innovation and Entrepreneurship,
Professor, Department of Biomedical Engineering and Chemical Engineering
Associate Dean, Graduate School,
University of Texas at San Antonio.
Office: 210-458-8529; Email: teja.guda@utsa.edu

Renewal Document Information

Ten Core Student Members Information

1. Lauren Sims; lksims21@gmail.com ; UTSA BMES President
2. Theodore Pabst: theodorejpabst@gmail.com ; UTSA BMES Class Liaison
3. Ethen Greenberg; ethengreenberg@icloud.com
4. Ada Jaramillo; jaramilloada@yahoo.com
5. Jacob Arras; jnathan.ar@gmail.com ; UTSA BMES Treasurer
6. Ismerai Gonzalez; ismeraig87@gmail.com
7. Ngoc Minh Thu Trinh; trinhclover@gmail.com
8. Alba Chocron; alba.chocron@gmail.com
9. Ope Sanyaolu; oosanyaolu@gmail.com
10. Diego Valdes Cavazos; diegovaldesc@yahoo.com.mx

Department Website Link

<https://klesse.utsa.edu/bmce/>

One Free Student Membership Information

1. Atenas Arcot
2. atenas.arcotsantillan@my.utsa.edu

Administrative Report

Abstract

Throughout the 2024-2025 academic year, the University of Texas at San Antonio's BMES Chapter has implemented a new structural format as outlined in our updated constitution and bylaws. This structure centers around a Board of Directors, consisting of nine members elected by the general membership. The Board oversees the overall direction of the organization by proposing new ideas, events, and initiatives to support chapter goals. Each Board member is responsible for leading specific areas of focus, ensuring continued progress throughout the academic year. Some positions are subdivided into external and internal affairs, ranging from fostering collaboration within the university community (Internal) or building connections with industry professionals or companies (External). In addition to our Board of Directors, we also receive guidance from our two faculty mentors, Dr. Teja Guda and Dr. Mark Appleford.

Chapter Officer Information

Board of Directors:

President, Chief Executive Officer

Lauren Sims (lksims21@gmail.com)

As the chief executive officer of the organization, he/she is in charge of alerting all members, the Board of Directors, and committee members of their respective meetings/events by the appropriate deadlines, and overseeing all operations within the organization.

Vice President Internal, Chief Business Officer

David Morris (david.morris2@my.utsa.edu)

As the chief operations officer, it shall be his/her duty to oversee all projects and programs concerning: Recruitment and Tabling, Membership Engagement, Faculty-Student interactions, Graduate Student Interactions, Fundraising, Workshop Planning and Execution, and Volunteer Opportunities.

Vice President External, Chief Operations Officer

Collin Nguyen (collin.nguyen@my.utsa.edu)

As the chief operations officer, it shall be his/her duty to oversee all projects and programs involving non-UTSA entities including Industry Tours, Alumni/Industry Networking events, Annual BMES Meeting, High School Outreach, and student design competitions.

Secretary, Chief Administration Officer

Tony Lozano (tony.lozano@my.utsa.edu)

As the chief communications officer, it shall be his/her duty to maintain and update all of the records of the society, announce scheduled meetings to appropriate membership, and notify members of deadlines.

Treasurer, Chief Financial Officer

Jacob Arras (jnathan.ar@gmail.com)

As the chief financial officer, it shall be his/her duty to keep all financial records of the Society and make them available for annual auditing, and to create the budget.

Industry Outreach

Delina Yirgaalem (delina.yirgaalem@my.utsa.edu)

As the industry outreach officer, it is his/her duty to invite guest speakers to BMES general meetings and events. They will reach out to various speakers in all biomedical industries that are beneficial to hear and learn from for the general membership.

Historian

Jasmine Vargas (jasmine.vargas@my.utsa.edu)

As the historian, it is his/her duty to compile and keep a record of contacts outside of the general membership, retain records of events, take photos, and post on the various social media platforms to further our chapter's outreach and increase our general membership.

Class Liaison

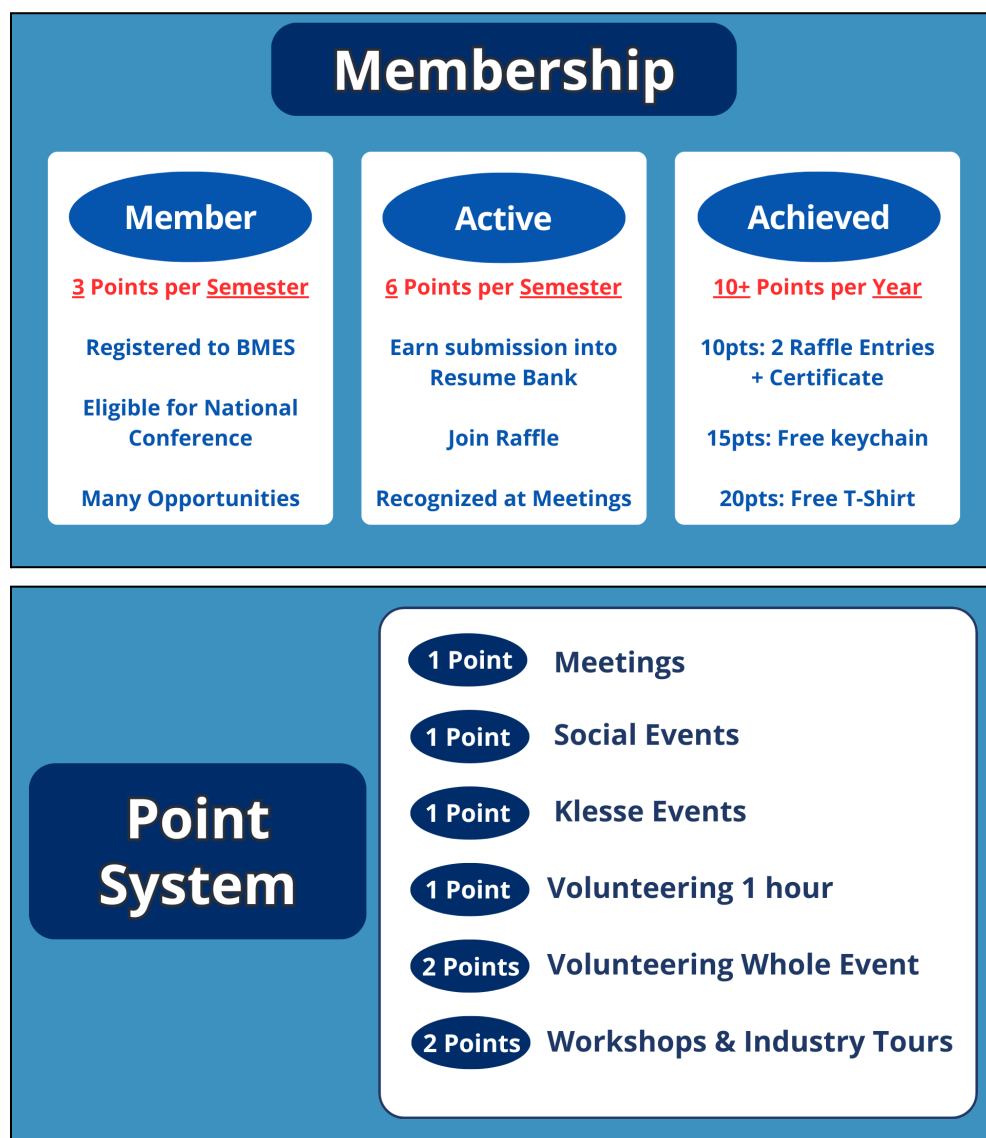
Theodore Pabst (theodorejpabst@gmail.com)

As class liaison, it is his/her duty to oversee the mentorship program and foster connections between the upperclassmen and underclassmen.

Membership Breakdown

Academic Year	Chapter Members	National Members	Active Members
2016-2017	59	**	**
2017-2018	73	10	**
2018-2019	87	22	10
2019-2020	104	24	42
2021-2022	134	17	40
2023-2024	84	9	15
2024-2025	94	13	33

For the 2024-2025 academic year, we observed an increase in the total number of members, national members, and active members as compared to the 2023-2024 academic year. This growth can be attributed to the updated organizational structure and the introduction of more engaging events and activities. Looking ahead, we aim to continue expanding our chapter by offering a diverse range of events while actively recruiting new members.



The slide shown above was included in each of our general meeting presentations to clearly outline membership requirements and our point system. This year, we introduced an additional tier to recognize “achieved members”, those who consistently went above and beyond in their involvement, due to the noticeable increase in active participation. To further encourage engagement, we also promoted the benefit of becoming an “active” member by highlighting that

our chapter would help support their national BMES membership, particularly for those interested in being considered for funding to attend the National BMES Meeting.

Chapter Meetings

Meeting Type	Attendance	Fraction of Membership	Date
General Meeting 1 Fall	45	47.87%	09/11/2025
General Meeting 2 Fall	17	18.09%	10/03/2025
General Meeting 3 Fall	18	19.15%	11/06/2025
General Meeting 1 Spring	21	22.34%	02/05/2025
General Meeting 2 Spring	27	28.72%	03/05/2025
General Meeting 3 Spring	31	32.98%	04/09/2025

Board of Directors Meetings

Meeting Type	Attendance	Date
Board of Directors Meeting Fall	8	July 2024 - December 2024, biweekly
Board of Directors Meeting Spring	8	January 2025 - April 2025 weekly

The Board of Directors met biweekly during the fall semester and weekly for the spring semester of the academic year to provide updates on different initiatives and exchange advice and strategies to provide the best experience for members.

Treasury Report

Abstract

The Treasurer of UTSA BMES is in charge of all financial accounts and cash flow throughout the academic year. The chapter's capital assets were kept in a total of four locations throughout the year: University-Provided Cost Center and Frost Checking Account. The primary method of receiving funds was through the UTSA BMES Paypal Account, Cash App Account, Venmo Account, Zelle Account, and utilization of a cash box. The primary method of funding for UTSA BMES is through (1) membership dues and (2) Engineering Student Council. The funding we received was primarily geared towards our members, sponsoring them to attend the 2024 Annual BMES Meeting and funding events our chapter hosted, such as the 12th Annual BMES/AIChE Research Symposium. In addition to managing all the accounts, the Treasurer also created the budget for each semester and ensured that the organization stayed on track. Lastly, the Treasurer worked closely with the President and Board of Directors when events were conducted to manage the expenses. The Treasurer of UTSA BMES is responsible for managing all financial accounts and overseeing the chapter's cash flow throughout the academic year. This year, the chapter's funds were maintained across two primary platforms: a University-provided cost center and a Frost Bank checking account, with additional transactions processed through the UTSA BMES PayPal, Cash App, Venmo, and Zelle accounts. A physical cash box was also used as needed for in-person collections. The primary sources of funding included (1) membership dues and (2) allocations from the Engineering Student Council. These funds were primarily used to benefit our members by supporting their attendance at the 2024 Annual BMES Meeting and covering expenses for chapter-hosted events, such as the 12th Annual BMES/AIChE Research Symposium. In addition to managing accounts, the Treasurer developed and maintained the semester budget, ensuring financial responsibility and transparency. They also worked closely with the President and the Board of Directors to oversee event-related expenses.

Financial Summary

Balance Summary	Fall 2024	Spring 2025
Starting Balance	\$1,998.62	\$2,502.18
Revenue	\$8,603.00	\$120.00
Expense	\$8,099.44	\$1,109.61
Ending Balance	\$2,502.18	\$1,455.90

Primary Means of Funding

1. Membership Dues
 - a. The initial funding for the entire year was through \$30 membership dues. This included registration to be a national BMES member and eligibility to the national BMES meeting.
2. Engineering Student Council
 - a. In the beginning of the Fall 2024 semester, the treasurer submitted a form for potential funding for events that were hosted by BMES. The student council granted \$3,500 towards conference fees and our annual research symposium.

Chapter Activities

Abstract

The mission of the UTSA BMES Chapter is to build and support the biomedical engineering community at the local, national, and international levels through activities that highlight recent advances, discoveries, and innovations. We also strive to promote education and professional development while integrating the perspectives of the academic, medical, governmental, and business sectors. Our ultimate goal is to help members gain the skills and experiences they need to succeed in their next steps; whether in industry, professional school, or entrepreneurship. To support this mission, we hosted a wide range of events throughout the year, which are outlined in the following sections.

Our professional development and industry events provided members with opportunities to connect with industry professionals, faculty, alumni, and peers. These events offered insight into potential job and internship opportunities, industry expectations, application strategies, and career readiness. UTSA BMES also sponsored members to attend the 2024 Annual BMES Conference in Baltimore, Maryland, hosted our annual research symposium, and regularly shared other opportunities available through UTSA. In addition to professional development, we prioritized community-building and skill development. Social events allowed members to relax and connect outside of academics, while hands-on workshops equipped them with tools and knowledge essential to their career paths. We also offered meaningful volunteering opportunities to encourage members to give back and engage with the San Antonio community.

Social or Other Activities

Abstract

Social activities played a vital role in helping our members connect and build a sense of community. These events were especially meaningful for students new to the UTSA BMES chapter or the UTSA BME program, as they provided a welcoming environment to meet peers across all undergraduate levels: freshman through senior. By creating these connections early on, we helped members feel more comfortable and engaged, which encouraged participation in additional chapter events such as general meetings, workshops, volunteering, and more. This year, we placed a strong emphasis on building lasting relationships and creating a supportive network within our chapter. We also worked to include students from a variety of majors by collaborating with other student organizations on campus, reinforcing our commitment to inclusivity and interdisciplinary engagement. Ultimately, our goal for social events was to strengthen the bonds within the engineering community and ensure every member felt supported and connected throughout their time at UTSA.

Breakdown of Attendance and Cost

Date	Event	Attendance	Cost
09/18/2024	Meet and Greet	15 BMES Members	\$15.00
10/04/2024	BMES and AIChE Potluck	19 Undergraduate Students	n/a
10/30/2024	Halloween Social with other engineering organizations	40 Undergraduate Students	n/a
12/05/2024	Winter Social	90 undergraduate students and faculty	n/a
02/14/2025	BMES and TSPE Valentine's Day Social	15 Undergraduate Students	\$20

Meet and Greet

The purpose of this event was to give a warm welcome for both new and returning members. It gave students the opportunity to meet the officer board, learn about upcoming events, and start forming connections within the organization in a relaxed, casual setting. We

provided food and participated in a Mario Kart competition. It was a great way to start the year and grow a community between our members.

Photos from event:



BMES and AIChE Potluck

This collaborative event with AIChE brought members from both organizations together to share food, conversation, and create flyers for the upcoming fundraising event. The potluck encouraged interdisciplinary bonding and created a comfortable space for students to socialize and do some crafting outside of academics.

Photos from event:



Halloween Social

The collaborative Halloween Social, with SWE, IEEE, ACM, UTSAite and ASCE, offered members a chance to celebrate the spooky season with costumes, games, and themed snacks. It was a fun and festive way for students to relax and connect mid-semester. We provided

food and a variety of activities for this event such as pumpkin painting, board games, and more.

Winter Social

This event gave members a chance to unwind before finals. We invited the department, including biomedical and chemical engineers, to celebrate the end of the semester as a community. We had a range of activities such as Tree decorating and designing, a cup pong competition, and gingerbread house decorating. This event was potluck style, and gave everyone the opportunity to share their culture.

Photo from event:



BMES and TSPE Valentine's Day Social

In partnership with TSPE (Texas Society of Professional Engineers), this Valentine's Day Social featured themed games, crafts, and lighthearted activities that encouraged students from different organizations to form new connections. Food was provided for all attendees, and prizes were given out to make the event even more enjoyable and engaging.

Photos from event:



Inter-Chapter Activities

Abstract

While UTSA BMES did not formally participate in inter-chapter activities this year, we supported our members who attended the 2025 Annual Medical Device Makeathon at the University of Oklahoma. Eight members traveled to Illinois to compete, with one team placing 4th out of 30 for their physical rehabilitation device. In the future, we hope to expand our involvement in inter-chapter activities by collaborating with other BMES chapters to host joint events, share resources, and create more opportunities for our members to connect beyond UTSA.

Date	Event	Attendance	Cost
02/28/2025 - 03/02/2025	National Medical Device Make-a-thon	8 BMES Members	n/a

National Medical Device Make-a-thon

The 2025 Annual Medical Device Make-a-Thon at the University of Oklahoma allowed our members to showcase their skills in designing innovative medical devices. Eight UTSA BMES members traveled to Illinois to compete, where one team placed 4th out of 30 teams for their physical rehabilitation device design and prototype.

Photos from event:



Outreach Activities

Abstract

This year, UTSA BMES focused on outreach initiatives that fostered connections between our members and the younger generation, while also embracing diverse cultures. We provided members the opportunity to engage with local students and contribute to the community through events like STEM Nights and food drives. Additionally, we opened up pathways for involvement within UTSA, ensuring our members had access to leadership opportunities. These efforts were aimed at empowering students of all backgrounds to explore and pursue careers in biomedical engineering.

Date	Event	Attendance
10/18/2025	UTSA Best Fest	15 BMES Members
11/12/2025 - 11/22/2025	Food Drive	10 Member Participation
01/22/2025	Winter Welcome Back Bash	5 BMES Members
02/15/2025	UTSA Day Volunteering 1	4 BMES Members
02/20/2025	STEM Family Night	8 BMES Members
02/26/2025	Noche De Ciencias	5 BMES Members
03/06/2025	Engineering Week Org Fair	7 BMES Members
04/12/2025	UTSA Day Volunteering 2	5 BMES Members

UTSA Best Fest:

UTSA Best Fest is a vibrant annual event where student organizations fundraise in lieu of homecoming week. UTSA BMES participated by setting up a booth and selling crepes to the San Antonio community. This event allowed us to connect with a wide range of students and families, and create awareness to the biomedical engineering society.

Photos from the event:



Food Drive:

Our chapter participated in a food drive to support the San Antonio Food Bank and help those in need. Members contributed non-perishable food items, and the drive provided an opportunity for students to give back while promoting the importance of community engagement. This initiative reflected our commitment to social responsibility and strengthening our ties with the broader UTSA community.

Winter Welcome Back Bash:

The Winter Welcome Back Bash was an exciting event to kick off the spring semester. It provided a chance for new and returning students to socialize, network, and learn about upcoming events hosted by student organizations, including UTSA BMES. The relaxed atmosphere allowed members to connect with peers and set the tone for the semester ahead.

Photos from the event:



UTSA Day Volunteering 1:

For UTSA Day Volunteering, our members dedicated their time to creating awareness for high schools students and their families about the BMES organization and also the BME department. This opportunity allowed us to give back to the university and create awareness of the biomedical engineering field.

STEM Night:

STEM Family Night was an exciting outreach event aimed at inspiring elementary school students to explore careers in science and engineering. UTSA BMES members participated by sharing their experiences and helping out with the organization of the event. It was a rewarding experience to connect with the next generation of STEM leaders.

Photos from the event:



Noche De Ciencias:

Noche De Ciencias was a family-oriented event, designed to promote STEM education in highschoolers in underserved communities. UTSA BMES played an active role by providing a hands-on activity and demonstration to help students and their families understand the biomedical engineering field. This event allowed our members to engage with a diverse group of attendees.

Photos from the event:



Engineering Week Org Fair:

During Engineering Week, UTSA BMES participated in the Org Fair to showcase our chapter's initiatives and raise funds. Members engaged the campus community by making fresh crepes and distributing BMES merchandise. The event served as a fun and interactive platform for recruiting new members and sharing information about the opportunities and support our chapter provides to students throughout their academic journey.

UTSA Day Volunteering 2:

For the second round of UTSA Day Volunteering, our members continued to support prospective high school students and their families by answering questions and helping them understand the organization and the biomedical engineering department. It was an important opportunity for us to contribute to the recruitment process and promote the benefits of studying biomedical engineering at UTSA.

Photos from the event:



Industry and Professional Development Activities

Abstract

Throughout the 2024–2025 academic year, UTSA BMES prioritized industry and professional development by hosting a variety of workshops and events aimed to help students grow both technically, professionally, and academically. These included skill-building technical workshops, educational sessions, and career-focused opportunities. A key highlight was the 12th Annual BMES/AIChE Research Symposium, where members had the opportunity to present their research and network with industry professionals. For the first time, the symposium was expanded to include both biomedical and chemical engineering students, allowing for greater collaboration and cross-disciplinary engagement. These experiences provided students with the tools, confidence, and connections to take the next steps in their academic and professional journeys.

<u>Date</u>	<u>Activity</u>	<u>Attendance</u>	<u>Cost</u>
09/16/2025	Resume Workshop	10 Undergraduate students	n/a
09/26/2025	Coding Competition and Workshop	15 BMES Members	n/a
10/07/2025	Industry Guest for General Meeting 2 Fall	17 BMES Members	\$20
10/09/2025	Case Study Trivia Night	12 BMES Members	\$15
10/22/2025	3D Printing Workshop	10 BMES Members	n/a
10/28/2025	Suture Clinic	13 BMES Members	n/a
11/20/2025	Microcontroller Workshop	4 BMES Members	n/a
02/12/2025	Journal Club	10 BMES Members	n/a
02/25/2025	Solidworks Workshop	35 BMES Members	\$20
03/05/2025	Industry Guest for	27 BMES Members	\$20

	General Meeting 2 Spring		
03/31/2025	12th Annual BMES/AIChE Research Symposium	134 Attendees	\$965
03/21/2025, 03/28/2025	Mini Make-a-thon Workshop Series	10 BMES Members	\$20

Resume Workshop

Members received guidance on how to craft competitive and effective resumes for internships, jobs, and research opportunities. The workshop included one-on-one feedback and tips on how to highlight technical and leadership experiences.

Photos from the event:



Coding Competition and Workshop

This event combined skill-building with friendly competition. Members participated in hands-on coding challenges while learning problem-solving strategies and programming basics useful for engineering applications.

Case Study Trivia Night

This event featured an educational night where members worked in teams to solve biomedical case studies and answer trivia questions. This event promoted critical thinking, collaboration, and application of classroom knowledge.

Photos from the event:



3D Printing Workshop

Members learned the basics of 3D modeling and printing, including how to design and prepare files for print. The session emphasized the role of rapid prototyping in biomedical engineering.

Suture Clinic

This event was led by professionals in the United States Army Medical Center. This hands-on clinic taught members basic suturing techniques using real medical tools. It provided valuable insight for students interested in clinical or surgical careers.

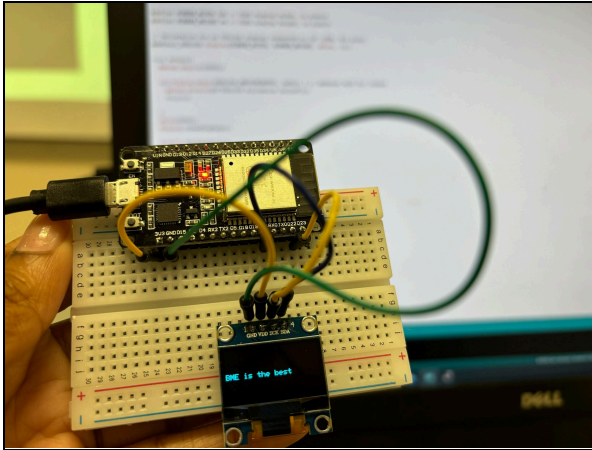
Photos from the event:



Microcontroller Workshop

Students explored the fundamentals of working with microcontrollers such as Arduino, learning how to build circuits and write basic code; skills often used in biomedical device development.

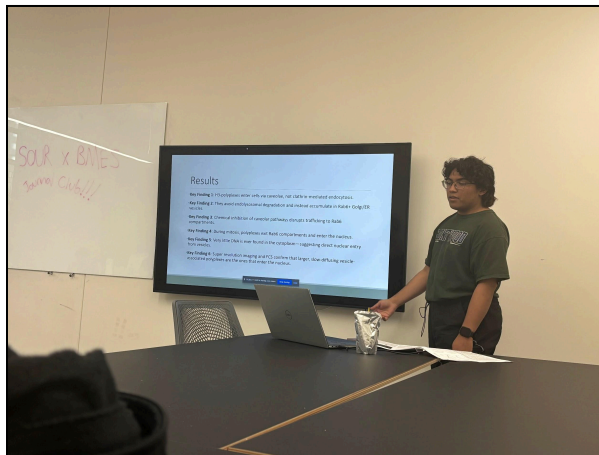
Photos from the event:



Journal Club

This event was an academic-based session where members discussed current research papers in the biomedical field. This meeting fostered critical reading skills and exposed students to cutting-edge discoveries, as well as the skills needed to look through a paper and analyze information.

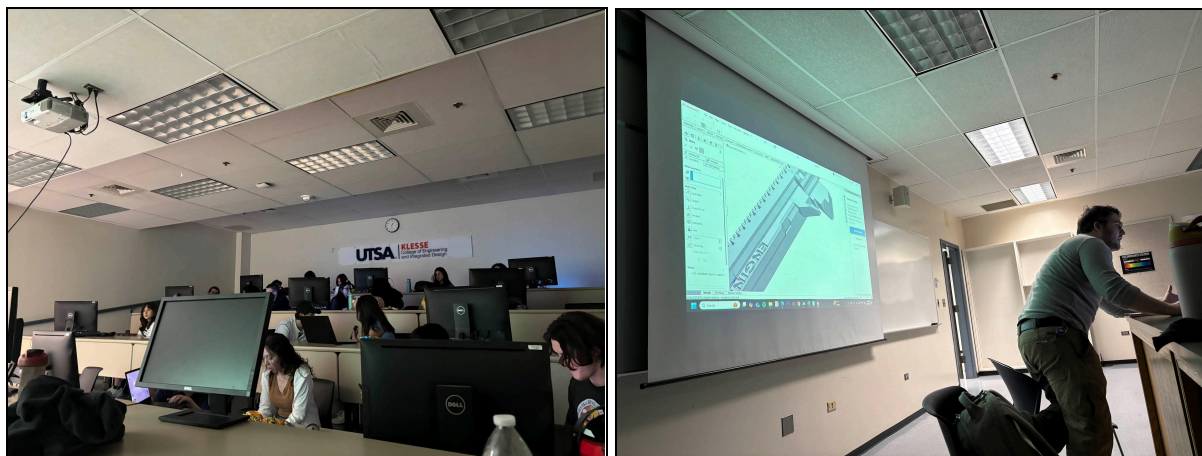
Photos from the event:



SolidWorks Workshop

Participants learned to use SolidWorks software for 3D modeling and engineering design. The workshop focused on the basics of Solidworks as well as its applications in biomedical device design and mechanical components.

Photos from the event:



12th Annual BMES/AIChE Research Symposium

This was a major event where students from biomedical and chemical engineering backgrounds presented original research to peers, faculty, and industry guests. It offered valuable presentation experience and professional networking opportunities. The event also included a networking luncheon, where students and industry professionals got the chance to foster meaningful connections and engage in talk about the innovations and steps that are being taken in both fields. In total, we had around 90 attendees, 18 undergraduate presenters, 11 graduate presenters, and 15 BME senior design teams present. Additionally, we had industry professionals join us from a range of 8 different companies. In total, the event averaged to around \$900 in expenses.

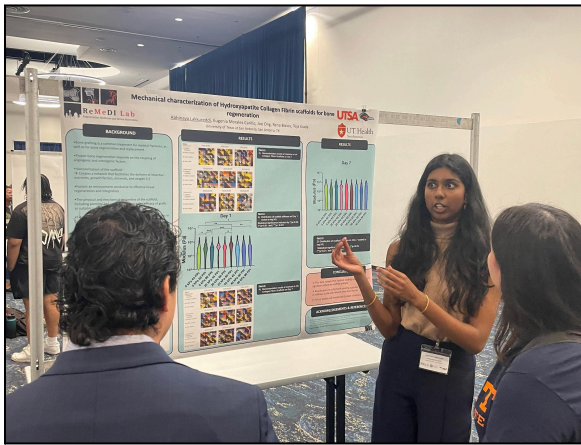
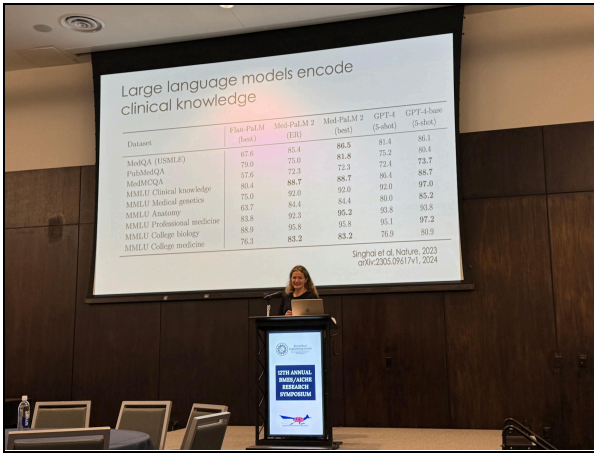
Companies in attendance

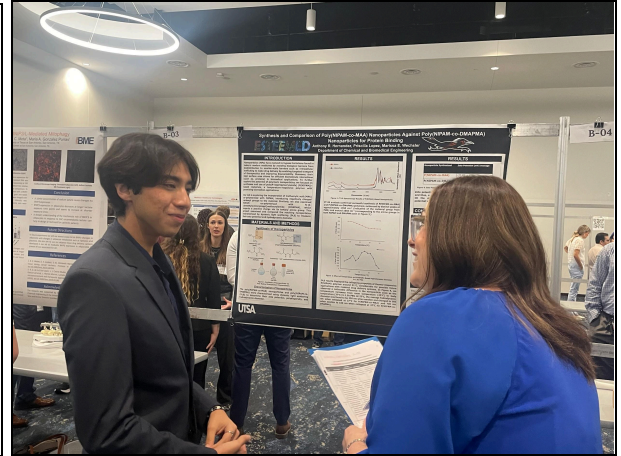
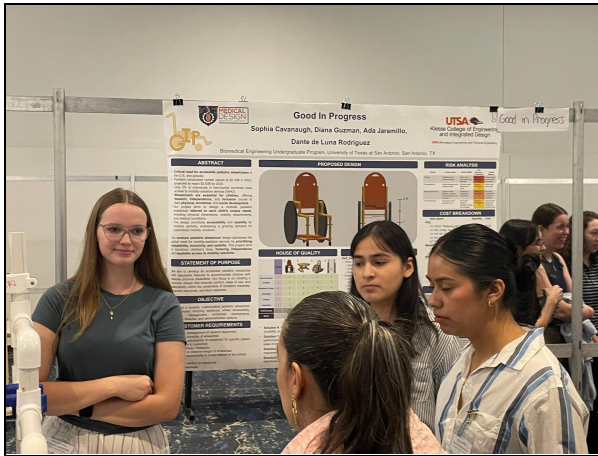
Company
Zewski Corporation
Universal Engineering Services
Uniformed Services University
Innovavision Solutions
Dalkia Energy Solutions
Stryker
BakerRisk
Texas Children's Hospital
Vascular Perfusion Solutions
UT Health San Antonio

United States Army

Photos from the event:







Mini Make-a-thon Workshop Series

This was a preparatory series designed to equip students with skills needed for medical innovation challenges. Workshops included sessions on ideation, prototyping, and design thinking.

National BMES Meeting

Each year, UTSA BMES dedicates time and resources to supporting our most active chapter members by funding their attendance at the Annual National BMES Meeting, a cornerstone opportunity for professional development, networking, and research presentation. Recognizing the long-term impact national conferences have on undergraduates, we've aimed to maintain consistent support, typically funding around 10 students annually. In 2024–2025, we fully sponsored 10 students to attend, covering costs such as registration, travel, and lodging.

Our Vice President External spearheaded this effort, working alongside our Board of Directors and faculty mentors. Through a detailed point system that prioritized members based on research presentations, club involvement, volunteer work, class standing, and access to other funding sources, we were able to allocate limited resources fairly and transparently.

The conference provided invaluable experiences: five students presented undergraduate research, and many others formed new academic and professional connections that will help shape their futures. Looking ahead, we aim to not only sustain but expand this opportunity, particularly encouraging more research presentations from our members as in-person experiences and research opportunities continue to grow.

In the future, we want to broaden our impact by fostering **stronger industry engagement** and creating more **platforms for our members to have a voice**, both within the chapter and in the broader biomedical community. Through industry panels, student presentations, and advocacy for student input, we plan to build a chapter culture where every member feels empowered to lead, contribute, and grow.

Future Direction

Summation of Next Year's Chapter Goals

In the upcoming year, UTSA BMES aims to deepen member engagement through increased inter-chapter collaboration, stronger ties with industry partners, and enhanced opportunities for member-led initiatives. We are committed to elevating the professional development of our members, expanding outreach and inclusivity, and giving students more opportunities to share their voices, both within our chapter and in the broader biomedical engineering community.

Our key goals include:

- Increasing participation in inter-chapter events and regional collaborations
- Growing our technical and research workshop offerings
- Inviting more industry professionals for panels, talks, and mentorship
- Expanding funding opportunities for students to attend national conferences and present research
- Strengthening internal leadership development and member involvement

Outline of Goal Achievement Strategy

To achieve these goals, we will:

- Establish a dedicated committee for Inter-Chapter Relations Chair to coordinate with BMES chapters at other universities and help plan collaborative events
- Formalize a mentorship subcommittee to improve guidance for underclassmen and encourage member retention
- Reach out to biomedical centered companies around the nation, and partner with faculty and UTSA departments to identify funding opportunities
- Host semesterly Industry Nights to connect students with biomedical professionals and alumni
- Launch member presentations where periodically members will have the chance to present their research, class work, or impactful initiatives they are doing.

These efforts will help ensure our chapter continues to grow, adapt, and provide meaningful experiences for every member on their path to becoming biomedical engineers.