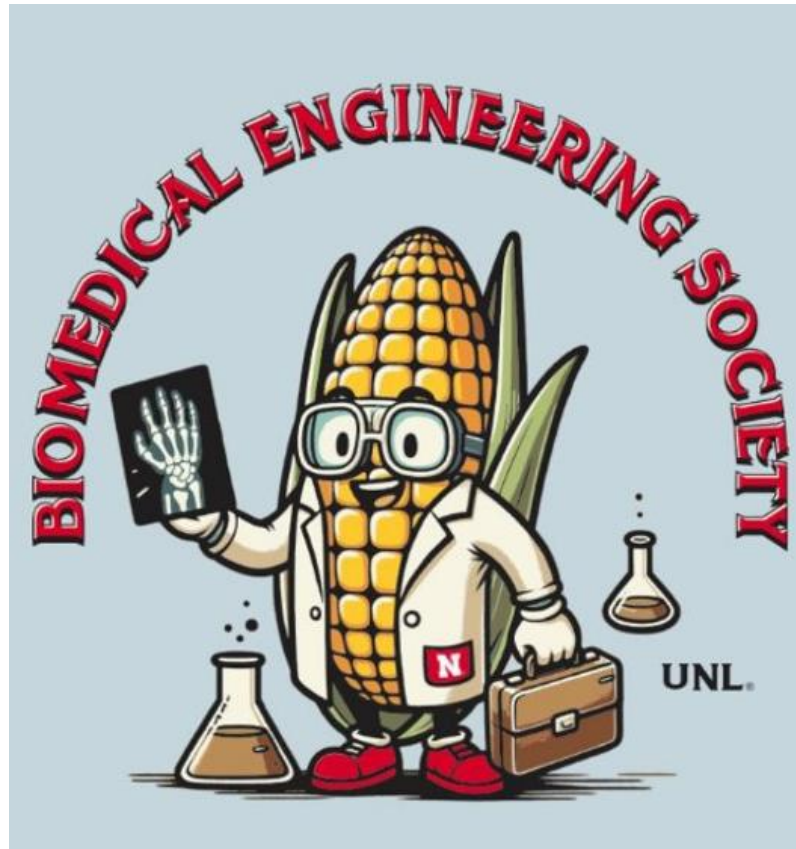


University of Nebraska-Lincoln Biomedical Engineering Society

Chapter Development Report



4/15/2026

I. Renewal Document

a. Faculty Advisor's Information

- i. Name: [REDACTED]
- ii. Email Address: [REDACTED]

b. Ten Core Student Members Information

i. Names (Chapter Positions):

- 1. [REDACTED] (President)
- 2. [REDACTED] (Vice President)
- 3. [REDACTED] (Treasurer)
- 4. [REDACTED] (Secretary)
- 5. [REDACTED] (Recruitment & Membership Chair)
- 6. [REDACTED] (Member)
- 7. [REDACTED] (Member)
- 8. [REDACTED] (Member)
- 9. [REDACTED] (Member)
- 10. [REDACTED] (Member)

c. Student Chapter/Department Website Link: <https://engineering.unl.edu/bmes/>

d. One Student's Information for Free Membership:

- i. New Membership
- ii. Name: [REDACTED]
- iii. Email: [REDACTED]
- iv. Graduation Year: [REDACTED]
- v. Chapter Position: Engineering Student Advisory Board (ESAB) Representative

II. Cover Page

University of Nebraska-Lincoln Biomedical Engineering Society

2026

Corresponding Authors' Contact Information:

[REDACTED]

[REDACTED]

Faculty Advisor's Contact Information:

[REDACTED]

The University of Nebraska–Lincoln (UNL) BMES student chapter demonstrated significant growth in our impact throughout the year across outreach and professional development. Membership expanded substantially, with approximately 60 new members joining our roster, 14 of whom were selected to have their BMES membership covered by the chapter. Our chapter also broadened its interdisciplinary reach by increasing involvement from across the UNL College of Engineering. The chapter increased participation in the National Medical Device Make-a-thon (MDM) from 4 to 16 students, forming four teams that collaborated to design novel biomedical devices. Additionally, members presented at the Design of Medical Devices Conference (DMD).

Monthly meetings served as a central platform for connecting students with research, faculty, and industry. Activities included lab tours, demonstrations, guest speakers, and discussions on research programs, medical devices, and career development.

The chapter also expanded its outreach initiatives through collaborations with local high school classes. These programs serve to introduce students to the breadth of opportunities that exist within the field of biomedical engineering through short lectures followed by student-led, interactive activities.

UNL BMES used its first year of official chapter status to expand membership and completed four brand new initiatives for our members to participate in.

III. Cover Letter

Over the past year, the University of Nebraska–Lincoln chapter of the Biomedical Engineering Society substantially expanded opportunities for students in professional development, community engagement, and collaboration. These efforts have been led by a new executive team that has worked effectively with faculty and industry partners to revitalize the chapter from a dormant state into a rapidly expanding and active organization.

Chapter members participated/will participate in two major national events: the 2026 Medical Device Make-a-thon (MDM), hosted by the University of Texas at Austin, and the Design of Medical Devices (DMD) Conference at the University of Minnesota Twin Cities. At the Make-a-thon, 16 students were supported in a fully funded experience to engage in an intensive medical device design competition, where they developed and presented innovative solutions to real-world clinical challenges. This experience allowed students to apply engineering principles, physiological knowledge, and communication skills in a highly collaborative setting. For the upcoming DMD Conference (April 20 – 22), UNL students organized a Big Ten BMES meetup, creating an opportunity for inter-chapter collaboration and the exchange of ideas to strengthen student chapter initiatives further.

On campus, the chapter hosted monthly meetings that integrated both academic and industry perspectives. Early in the academic year, members led discussions on undergraduate research opportunities, which directly contributed to three students being selected for the Nebraska INBRE program, a competitive fellowship supporting two years of biomedical research. Additional programming included faculty-led sessions on the medical device regulatory pathway, as well as engagement with industry professionals from companies such as Boston Scientific and Celerion. Since UNL does not offer a Biomedical Engineering degree for undergraduates, but has many departments in the BME minor program, we had the opportunity to collaborate across the college. Faculty from Biological Systems Engineering, Mechanical and Materials Engineering, and Chemical and Biomolecular Engineering all participated in BMES chapter events.

Beyond campus, the chapter significantly expanded its outreach in the Lincoln community. Members developed and implemented a structured outreach program to deliver lessons on biomedical engineering topics to local high school students. These activities included demonstrations of muscle physiology using TENS units, electrophysiology concepts through ECG devices, and hands-on exposure to laparoscopic surgical tools. These efforts have been instrumental in increasing awareness of biomedical engineering and inspiring future students. Notably, the equipment used in these outreach activities was supported by the Abbott “We Give Blood” grant awarded to the chapter and by supplies owned by UNL’s engineering departments. The initial purchase from the grant and continued support by UNL’s College of Engineering ensure the sustainability of this program.

Overall, the UNL BMES chapter has demonstrated meaningful progress in building a sustainable, impactful organization that supports student development, fosters interdisciplinary collaboration, and extends the reach of biomedical engineering into the broader community.

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V. Administrative Report

a. This year, UNL BMES opened expanded executive positions to help achieve our objectives. An official ESAB representative position was created to maintain UNL BMES’s good standing with the College of Engineering. Additionally, a recruitment chair position was created to help grow membership, which was a focus of our first year as a nationally recognized chapter. Efforts were made to broaden participation beyond the biological systems engineering department by actively recruiting mechanical and electrical engineering students pursuing biomedical minors.

The executive board met regularly (17 regular meetings) to plan and complete chapter business. We also met with our advisor regularly (8 meetings) to provide updates and learn about new opportunities to share with our members. Finally, the executive board held special meetings for specific initiatives, e.g., high school outreach (22 meetings).

The chapter maintained consistent operations through regular general monthly meetings, which served as a hub for academic, professional, and research-related discussions. These meetings included presentations on undergraduate research opportunities, lab tours, and demonstrations of biomedical technologies.

Special initiatives started this year include National Medical Device Make-o-thon Attendance, Design of Medical Devices Conference Attendance, High School Outreach Programs, and Big Ten BMES Meetup.

b. Officer Roles and Responsibilities:

| | |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| President | Oversee all officers and club activities. This role requires prior, thorough involvement within the chapter. The President is responsible for leading the organization, organizing meetings with students and faculty, spearheading new initiatives and activities, and overseeing all other operations relevant to the club. |
| Vice President | Works closely with the President to organize monthly meetings and coordinate logistics for club travel, programming, and events. |
| Outreach Coordinator | Responsible for planning and coordinating outreach and recruitment events, including but not limited to LNE outreach, Rock the Block, Party at the Union, and the RSO Fair. |
| Treasurer | Manages the club budget, attends eSAB SPF nights, and oversees reimbursements, financial tracking, and reporting. |
| Secretary | Manages communication regarding club events, oversees photography and documentation, and maintains records of |

| | |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | club statistics, activities, and other relevant information. Assists with recruitment efforts as needed. |
| eSAB Representative | Attends all required eSAB meetings and ensures the chapter remains in good standing with eSAB by communicating requirements and updates to the organization. |
| Historian | Responsible for recording attendance, activities, and outcomes of all chapter events. Also responsible for developing BMES CDR throughout the year. |

c. Total Membership Breakdown:

- Total Membership (Current, Faculty, Alumni, etc.): 138
 - ~60 new members added Fall 2025
- Active Members: ~30
- National BMES Members: 14

d. Executive Meeting (See Appendix 1 for agendas)

| Date | Description |
|-------------|--------------------------------------|
| 8-16-2025 | Fall Recruitment Meeting |
| 8-17-2025 | Officer Recruitment Presentation |
| 8-18-2025 | Officer Kick-off Meeting |
| 8-23-2025 | Party at the Union Recruitment Event |
| 8-27-2025 | Nvovlement Fair Recruitment Event |
| 8-28-2025 | Advisor Meeting |
| 9-4-2025 | Advisor Meeting |
| 9-4-2025 | Rock the Block Recruitment Event |
| 9-5-2025 | Officer Meeting |
| 9-16-2025 | ESAB Funding Orientation Meeting |
| 9-23-2025 | ESAB Funding Presentation Night |
| 9-25-2025 | Advisor Meeting |
| 9-25-2025 | Officer Meeting |
| 10-6-2025 | High School Outreach Planning |
| 10-6-2025 | Pre-Health Day Recruitment Tabling |
| 10-22-2025 | Abbott Grant Funding Meeting |
| 10-23-2025 | Advisor Meeting |
| 10-24-2025 | Officer Meeting |
| 11-5-2025 | Officer Meeting |
| 11-11-2025 | Abbott Grant Funding Meeting |
| 12-2-2025 | Advisor Meeting |
| 12-4-2025 | Advisor Meeting |
| 12-5-2025 | Department Funding Meeting |

| | |
|-----------|--------------------------------------|
| 12-5-2025 | Officer Meeting |
| 1-13-2026 | Medical Device Make-o-thon Planning |
| 1-22-2026 | Big10 Meet-up Planning with UMN BMES |
| 1-23-2026 | Officer Meeting |
| 1-30-2026 | Officer Meeting |
| 2-4-2026 | BMES CDR Webinar Watch Party |
| 1-5-2026 | Medical Device Make-o-thon Planning |
| 2-6-2026 | Officer Meeting |
| 2-9-2026 | Big10 Meet-up Planning with UMN BMES |
| 2-11-2026 | Advisor Meeting |
| 2-13-2026 | Officer Meeting |
| 2-24-2026 | ESAB Funding Orientation Meeting |
| 2-27-2026 | Officer Meeting |
| 3-3-2026 | High School Outreach Planning |
| 3-4-2026 | High School Outreach Planning |
| 3-10-2026 | Advisor Meeting |
| 3-12-2026 | Officer Meeting |
| 3-27-2026 | Officer Meeting |
| 4-1-2026 | High School Outreach Planning |
| 4-3-2026 | Officer Meeting |
| 4-10-2026 | Officer Meeting |
| 4-17-2026 | Officer Meeting |
| 4-24-2026 | Officer Meeting |
| 5-1-2026 | Transition Officer Meeting |

General Body Meetings (See appropriate category for details)

| Date | Event | Category |
|-------------|-------------------------------------|-----------------|
| 9-11-25 | BMES Fall Kick-off | Social |
| 10-2-25 | BIBA Lab Tour and TENS | Industry |
| 11-13-25 | Research Information | Industry |
| 12-4-25 | High School Outreach | Outreach |
| 12-9-25 | Bowling | Social |
| 9-27-25 | Go Baby Go | Outreach |
| 12-5-25 | High School Outreach | Outreach |
| 12-11-25 | Faculty Trivia Night | Social |
| 2-19-26 | FDA/Medical Devices Guest Speaker | Industry |
| 2-27-26 | Biomedical Engineering Seminar | Industry |
| 3-4-26 | High School Outreach | Outreach |
| 3-5-26 | High School Outreach | Outreach |
| 3-6/8-26 | National Medical Device Make-o-thon | Industry |
| 3-17-26 | High School Outreach | Outreach |

| | | |
|------------|--------------------------------------|---------------|
| 3-26-26 | Virtual Incision Tour | Industry |
| 3-31-26 | MRI Lab Tour | Industry |
| 4-8-26 | High School Outreach | Outreach |
| 4-9-26 | High School Outreach | Outreach |
| 4-16-26 | Industry Panel | Industry |
| 4-20 | Big 10 Meet-up @ DMD | Inter Chapter |
| 4-20/22-26 | Design of Medical Devices Conference | Industry |

VI. Treasury Report

a. This year, primary funding sources for the UNL BMES student chapter included departmental support, the Engineering Student Advisory Board (ESAB) here at UNL, and the Abbott: We Give Blood grant the university received from the Abbott: Big Ten Blood Drive competition.

Funds from the Biological Systems Engineering Department and ESAB were directed towards expenses associated with professional development and networking opportunities. This included travel and transportation, housing, and student registration for out-of-state conferences and competitions. A significant portion of these funds was spent towards participation in the Medical Device Make-a-thon in Austin, Texas, and the Design of Medical Devices Conference in Minneapolis, Minnesota. These allocated funds were also put towards fees associated with students having a National BMES membership, as well as material costs associated with projects to attend these conferences.

The Abbott: We Give Blood grant supported outreach activities conducted by UNL BMES at Lincoln Northeast High School. These funds were used to purchase biomedical devices and educational supplies to provide students with interactive materials and hands-on learning experiences to increase awareness and interest in biomedical engineering.

The chapter had reserved funds left over in our SOFS (university level) account from the previous school year that were used for general meeting needs like food, craft activities and recruitment supplies.

b. \c. Chapter Expenses Breakdown

Account **Deposits:**

| | |
|-------------------------|------------|
| ESAB Fall 2025 | ██████████ |
| We Give Blood Fall 2025 | ██████████ |
| ESAB Spring 2026 | ██████████ |

Engineering Student Advisory Board **Withdrawals:**

| Date | Amount | Description |
|------------|------------|-----------------------------------------------------------------------------|
| 11/24/2025 | ██████████ | Reservation for Husker Bowling Center for club meeting. |
| 1/9/2026 | ██████████ | Airbnb reservation in Austin, Texas for National Medical Device Make-a-thon |
| 1/18/2026 | ██████████ | National BMES memberships for 10 students |

| | | |
|-----------|--------|---------------------------------------------------------------------------------|
| 1/18/2026 | ██████ | National BMES memberships for 4 students |
| 1/20/2026 | ██████ | 16 student registrations for National Medical Device Make-a-thon |
| 1/21/2026 | ██████ | Supplies for medical device submission for Design of Medical Devices Conference |
| 3/29/2026 | ██████ | Hotel Reservation for Design of Medical Devices Conference |
| 3/30/2026 | ██████ | Registration fees for 4 students to attend the DMD conference |

Abbott: We Give Blood Withdrawals:

| Date | Amount | Description |
|-----------|--------|--------------------------------------------------------------------------------------------------|
| 10/2/2025 | ██████ | TENS pads for student demos at club meeting |
| 1/29/2026 | ██████ | Laparoscopic surgery trainers were purchased for interactive activities for high school outreach |
| 3/13/2026 | ██████ | Portable EKGs were purchased for interactive activities for high school outreach |

SOFS Withdrawals:

| Date | Amount | Description |
|------------|--------|-------------------------------|
| 8/27/2025 | ██████ | Snacks for recruitment event |
| 9/16/2025 | ██████ | Food for September meeting |
| 9/17/2025 | ██████ | Supplies for meeting activity |
| 11/16/2025 | ██████ | Food for general meeting |
| 11/25/2025 | ██████ | Drinks for general meeting |
| 2/27/2026 | ██████ | Snacks for general meeting |

VII. Chapter Activities

a. The UNL BMES chapter provided a wide range of activities designed to support student development in biomedical engineering. These activities focus on research exposure, professional development, outreach, and hands-on design experiences. Monthly meetings introduced students to research programs, laboratory environments, and biomedical technologies, while also connecting them with faculty and industry professionals.

A major emphasis was placed on experiential learning through competitions such as the Medical Device Make-a-thon (MDM), where students worked in teams to ideate and present solutions to real-world medical challenges. Members also participated in outreach initiatives, including high school engagement programs and adaptive technology projects like Go Baby Go.

Industry engagement was another key component, with lab tours and company visits such as Virtual Incision providing insight into real-world biomedical applications. UNL BMES also established a connection with Bio Nebraska for guest speakers and future industry partnerships. Additionally, the chapter contributed to broader collaboration efforts by initiating connections between Big Ten BMES chapters.

Overall, these activities created a comprehensive environment for students to develop technical skills, explore career pathways, and apply biomedical engineering concepts in meaningful ways.

VIII. Social or Other Activities

a. Social and general engagement activities within the UNL BMES chapter focused on fostering community, collaboration, and member retention. Monthly meetings served not only as educational opportunities but also as social gatherings where members could connect with peers, share experiences, and build relationships within the biomedical engineering community.

These meetings often included interactive components such as lab tours, device demonstrations, and discussions, which encouraged participation and engagement. By integrating social interaction with academic and professional development, the chapter created an inclusive and welcoming environment for both new and returning members.

The growth in membership, including the addition of approximately 60 new members, reflects the success of these engagement efforts. Increased interdisciplinary participation further enhanced the diversity of perspectives within the chapter, contributing to a more dynamic and collaborative atmosphere.

Through consistent scheduling and varied programming, the chapter maintained strong member involvement throughout the year. These activities played a critical role in strengthening the chapter's internal community while supporting its broader mission of promoting biomedical engineering education and engagement.

b. Activity Information

| Date | Event | Goal | Budget | Attendance |
|-------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
| 9-11-25 | BMES Fall Kick-off | Welcome and introduce new members to the club's activities. Ran an anatomical design competition using basic craft supplies. | \$113.75 | 31 |
| 11-19-25 | Mechanical Engineering - Club Mixer | Mixer event for registered student organizations relevant to mechanical engineering to communicate. | \$0 | 60 |

| | | | | |
|----------|----------------------|---------------------------------------------------------------------------------------------------------------|-------|----|
| 12-9-25 | Dead Week Bowling | Brought members together to relax before finals week and get members signed up for BMES national memberships. | \$150 | 14 |
| 12-11-25 | Faculty Trivia Night | Time for students and faculty to get to know each other through trivia. | \$0 | 65 |



Figure 1- BMES Fall Kick-off



Figure 2 - Faculty Trivia Night



Figure 3 - Mech Fall Mixer Flyer



Figure 4 - Dead Week Bowling Flyer

IX. Inter-Chapter Activities

a. This year, the UNL BMES chapter initiated a large-scale effort to connect BMES chapters across the Big Ten Conference. The goal of this initiative was to establish a collaborative network that would allow chapters to share resources, ideas, and opportunities. Communication was established with multiple universities, resulting in interest from ten schools. A Microsoft Teams platform was created to facilitate ongoing communication and collaboration between participating chapters. This platform allows members to exchange outreach materials, discuss chapter activities, and coordinate future initiatives. In addition to virtual collaboration, the chapter worked toward creating in-person networking opportunities. Coordination with the University of Minnesota BMES chapter led to the organization of a meetup during the Design of Medical Devices Conference. This event will include a shared meal and a guest speaker session, providing students with the opportunity to connect with and learn from peers at other institutions. These efforts laid the foundation for continued collaboration between BMES chapters and demonstrated the chapter's leadership in fostering inter-university engagement.

a. Activity Information

| Date | Event | Cost | Tentative Attendance |
|-------------|-----------------|-------------|-----------------------------|
| 4-20-26 | Big Ten Meet-up | NA | 20 |

X. Outreach Activities

a. The UNL BMES chapter significantly expanded its outreach efforts by engaging with local high schools and the broader community. Through initiatives such as the Lincoln Northeast outreach program, students introduced high school participants to biomedical engineering concepts, career pathways, and hands-on learning experiences. With support from the Abbott: We Give Blood Grant, the chapter developed interactive demonstrations and presentations covering topics such as transcutaneous electrical nerve stimulation (TENS), electrocardiograms, and laparoscopic surgery. Also, an additional visit was made to Sidney High School in rural western Nebraska with the laparoscopic surgery trainers and presentation. This presentation was especially impactful as engineering opportunities are limited in the local community. These activities were designed to make complex biomedical concepts accessible and engaging for younger students. Additionally, the chapter participated in the Go Baby Go program, where members collaborated with physical and occupational therapy students to modify electric cars for children with motor disabilities. This initiative provided a meaningful opportunity for members to apply engineering skills while directly impacting the lives of children and their families. These outreach activities strengthened the chapter's connection to the community while promoting awareness and interest in biomedical engineering.

b. Activity Information

| Dates | Event | Description | Outcome | Attendance | Cost |
|-----------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------|
| 9-27-25 5-2-25 | Go-Baby-Go - UNMC | Members help modify toy cars to allow children with motor disabilities to gain more autonomous movement. | Our members were able to help parents teach their children how to use modified vehicles. | 8 | \$0 |
| 2025: 12-4, 12-5 2026: 3-4, 3-5, 3-17, 4-8, 4-9 | Lincoln Northeast High School Outreach | Members led presentations, demos, and activities for high school students to engage with BME topics. | Our members were able to lead activities on TENS, ECG, Basic Circuits, and Laparoscopic Surgery. Brought BME to about 100 students. | 8 | \$1938.43 |

b. Supplemental Materials



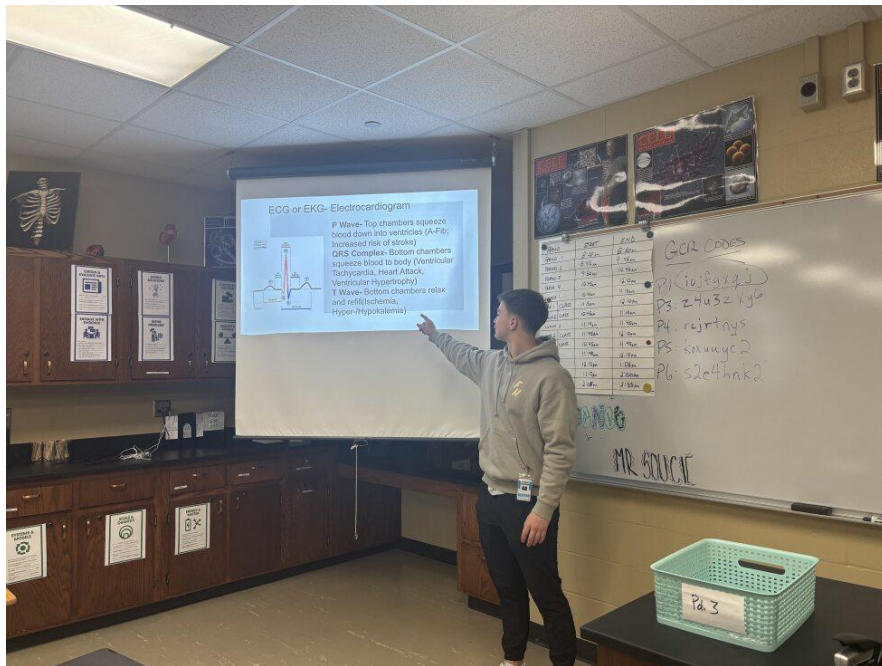




Figure 5 - Lincoln Northeast High School and Sidney High School Outreach



Figure 6 - UNMC Go Baby Go

XI. Industry & Professional Development Activities

a. The UNL BMES chapter provided numerous opportunities for members to engage with industry professionals and develop skills necessary for careers in biomedical engineering. Through guest speaker sessions, students gained insight into industry expectations, hiring practices, and professional skill development.

Industry exposure was further enhanced through tours such as the visit to Virtual Incision, where students learned about advancements in robotic surgery and medical device innovation. These experiences provided valuable context for classroom learning and allowed students to better understand real-world applications of biomedical engineering.

Additionally, meetings included discussions on regulatory processes, including the role of the FDA in medical device approval. These sessions helped students understand the importance of compliance, safety standards, and the pathway from design to clinical implementation.

Participation in conferences such as the Design of Medical Devices Conference (DMD) further contributed to professional development by exposing students to cutting-edge research and networking opportunities. Our members have secured internships and job shadows as a result of these activities.

b. Cost and attendance breakdown:

| Date(s) | Event | Description | Attendance | Budget |
|--------------------|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|
| 10-2-25 | TENS Learning and Biomedical Imaging & Biosignal Analysis Lab Tour | Members rotated between learning about TENS devices and their biomedical application, and a lab tour of a biomedical engineering lab on campus | 25 | NA |
| 11-13-25 | Lab Networking | Provided students with the opportunity to connect with research labs on campus. | 15 | \$193.79 |
| 2-19-26 | FDA/Regulatory Discussions | Opportunity for students to learn about medical device regulation pathways. | 16 | N/A |
| 3-6-26 - 3-8-26 | Medical Device Make-a-Thon | Members attended the National Medical Device Make-a-Thon at The University of Texas – Austin where they participated in a | 16 | \$2,508.64 |

| | | | | |
|----------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------|
| | | rapid biomedical device design competition. | | |
| 3-26-26 | Virtual Incision Lab Tour | Members toured and spoke to industry professionals to learn more about career options within the company. | 10 | N/A |
| 3-31-26 | Research MRI Tour | Students toured a research lab on campus that utilized MRI imaging. | 7 | N/A |
| 4-20-26 – 4-22-26 | DMD Conference | Opportunity for students to present design projects and connect with leading innovators, insights, and advancement in medical device design, and build real-world experience in medical device design. | 7 | \$634.81 |

c. Pictures or supplemental materials:



Figure 7 - Virtual Incision Industry Tour



Figure 8 - FDA Presentation

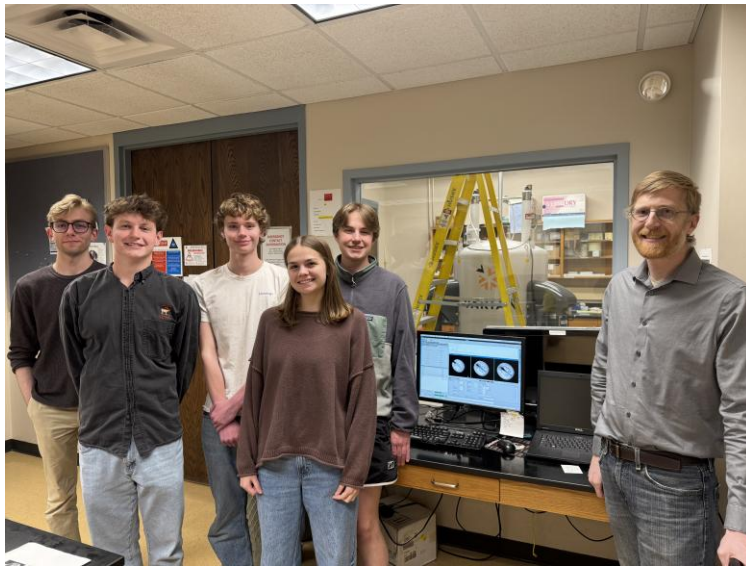


Figure 9 - MRI Tour



Figure 10 - TENS Activity



Figure 11 - National Medical Device Make-a-thon



Figure 12 - BIBA Lab Tour and Ultrasound Demos

XII. National BMES Meeting

a. We were not able to attend the Annual Meeting in our first year as a recognized BMES student chapter. National BMES meeting attendance remains challenging for our chapter as costs associated with attendance fall outside our current budget. Opportunities for members to attend with their respective labs are being explored to begin representation of our club for BMES nationally. We have requested support from our departments and college, as well as applied for the National BMES travel stipend.

b. We know that, as a chapter, it is financially challenging to send members to annual meetings. However, we also know that opportunities for students to have their travel accommodations covered do exist. That is why we have made it a priority to equip students with the knowledge and skills necessary to obtain those funding opportunities. This prioritization has enabled members of our chapter to receive the Nebraska IDeA Networks of Biomedical Research Excellence (NE-INBRE) fellowship. The fellowship provides our students with two years of research funding and travel costs. We hope that these funding opportunities will make future attendance at annual meetings more accessible to our members. Additionally, our goals for national-level participation are to enter the 2026 Design by Biomedical Undergraduate Teams (DEBUT) Challenge and the Medtronic/BMES Student Design Competition. We have successfully entered other student design competitions this year and hope to continue this at the national level.

c. Our chapter has not had the opportunity for members to present at previous meetings.

XIII. Future Direction

a. The BMES Student Chapter UNL achieved two main goals this year: boosting recruitment and establishing new initiatives. Our executive team made new member recruitment a priority. We expanded the recruitment events we attend from one to four. We partnered with our college of engineering to provide early, in-depth interactions to incoming freshmen. The success of these efforts is evident in our official roster size nearly doubling. That interest carried over to our regular meetings and active members.

The second goal was to establish new initiatives: high school outreach, National Medical Device Make-o-thon, Big Ten Meet-Up, and Design of Medical Devices Conference. We successfully secured funding and either participated in or co-hosted each of these initiatives. This has established funding connections and interest from members that will make these initiatives a success moving forward. In addition to off-campus opportunities, we furthered the core mission of our chapter on-campus by successfully connecting students to funded research opportunities and industry connections.

b. The goal of the UNL BMES student chapter is to develop a new chapter structure that decentralizes planning activities, ensuring members are involved and committed to the long-term sustainability of chapter activities. This will be achieved through the formation of new role definitions for executive team members, allowing them to recruit committee members from the chapter to help with organizational activities. This year, the success of the chapter was primarily driven by the core executive team, but as the year progressed, interest from students in helping with running the chapter has expanded. We hope that this renewed structure will allow members to maintain time spent on club activities while allowing for expansion of club activities. Additionally, we hope to translate the industry connections made from guest speaker opportunities into additional support for travel logistics and sponsorship for design competitions. By achieving these goals, the BMES Student Chapter at the University of Nebraska-Lincoln can cement its role as the hub for biomedical engineering on our campus.

XIV. Appendix I

Officer Meeting Agendas:

BMES Officer Meeting 1/23/26

- Texas trip looks good, BSE people need to drive, forms actively being submitted.
 - Will have meeting with participants soon
 - Might need to prep on FDA approval process and testing standards
 - Email Dr. Nelson for this
- Setting dates for monthly meetings
 - Chem Test dates—Jan 29, Feb 26, April 2, April 23
 - Biochem Test—Feb 5, March 5, April 9
 - Potential Meeting Dates—Mid-February with Dr. Nelson
 - March 12—Meeting content undecided
 - Limb Lab Tour?
 - Want some kind of hands-on experience
 - Virtual Incision
 - April 16—Advising Night
 - April 30?—Joint event...
- New T-Shirt Design
- High School Visits
 - Need to coordinate with the high schools to find dates and send out forms
 - Laparoscopic drainers coming soon—hands-on demo
 - Parker will do a presentation on this
 - TENS unit will also be used if new class
 - Can use EKGs for the third one
- Need to spend ESAB funds by Feb. 17th

BMES Officer Meeting 1/30/26

- Panel discussion for April meeting
- MRI for March?
- Texas
 - We will probably have to leave on Monday morning
- Semester Task Discussion
 - Check Excel Spreadsheet in Teams for official tasks
- LNE Meeting
 - Waiting for devices to come in, may have to spend money soon on EKGs
- Big 10 Meeting at DMD Conference
 - Not sure if this will actually happen, but trying to make it work
 - Will need to utilize eSAB for funding here
 - Sponsorship during this?
- Chapter Development Report
 - Due April
 - Must do this to maintain national standing
 - Check forwarded email from Daniel
- Potentially changing up some recruitment tactics
 - Poster, table cloth, business cards etc

BMES Officer Meeting 2/6/26

- Big thing for the foreseeable future is the CDR
 - Check the Teams for your assignment for what you're writing
 - Deadline is March 15th
- Need to trim down NVolveU---alumni, active members, people unable to make monthly meetings
- Meeting last week of February for those going to Texas
- Laparo likely won't be in in time for school visits
 - Will do EKG
 - Currently confirming dates for this

BMES Officer Meeting 2/13/26

- Creating budget
 - Big 10/DMD—would have to pay for MECHEs for sure
 - Could certify people for CPR as an event/incentive
 - \$50/person, could do around 20 people
 - BMES National conference—sending 1 or 2 (flying)
 - Never mind—very expensive
 - For food—have a “public event”
 - More medical devices
- LNE presentations
- Meeting next Thursday
 - Popcorn and candy for food
- CDR Drafts
 - Want a draft done by March 27
 - Check teams for your assignment
- Go Baby Go
 - Will be the weekend before finals week (yikes)
- Spring SPF due 2/21
 - Includes budget, slide, application paper

BMES Officer Meeting 2/27/26

- MDM
 - Don't need to meet in person with everyone, will send out final schedule soon and packing lists soon
 - Need to renew SolidWorks licenses
 - Making sure vans will be ready to go and print out parking stuff
 - Share presentations from last year
- Go Baby Go
- T-Shirt form will be ready by March monthly meeting
- EKG for next LNE meeting
 - Need to provide an estimate for parking (Monday the 23rd)
- Need to figure out when ESAB funds for spring expire
 - Should check in on CPR certification—thinking start of next fall for the course itself
- Rough draft for CDR due in 2 weeks
- DMD
 - Paper has been accepted
 - Presentation is Tuesday, April 21st
 - 1-2 vehicles
 - Getting one hotel room

BMES Officer Meeting 3/27/26

- Elections will be at our April meeting
- Reaching out to UNMC, others to have people come and talk
- CDR Deadline is fast approaching!
 - Gabe will send out responsibilities shortly
- MDM
 - Daniel and Gabe taking care of that
- LNE
 - Trying to get the guy to respond to emails
 - Will have a position for this next year
 - Need to come up with presentations, volunteers

BMES Officer Meeting 4/3/26

- Wrapping up CDR
- April 16 meeting logistics
 - Caroline waiting to hear back from some speakers
 - Splitting up sessions into 6 and 6:30 sessions?
 - For sure will have Boston Scientific, patent lawyer, and Evan speak
 - Meeting in Kiewit
 - **Elections**
 - Send out email with forms and announcement on how elections will be run
 - Going to do the whole nomination jawn
 - 3 question thingy
 - Why do you want to be an officer?
 - Past involvement in BMES
 - What would you like to see the club do next year?
 - Gabe has a document written up with details for all of the positions
- Resend form about alumni thing Monday after meeting
- Holding off on shirts until next semester
- Trivia night
- Transition meeting during dead week