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MESSAGE FROM PRESIDENT

Thank you for your time and consideration in supporting the National Society of Black Engineers (NSBE) at UCLA and our mission: "to increase the number of culturally responsible Black engineers who excel academically, succeed professionally, and positively impact the community." NSBE at UCLA is a student-led organization that prioritizes the retention of Black students in science, technology, engineering, and math through personal and professional development, leadership opportunities, and outreach to local and disenfranchised communities in Los Angeles. We are proud to be the 2022-23 and 2023-24 "Overall Student Group of the Year" among small engineering clubs at UCLA.

Our organization also serves as a safe space for Black students and all supporters of our mission, providing a community where we can build and support one another academically, professionally, and socially. Our members are well-rounded, resilient, intelligent, confident, considerate, and driven to pursue careers in industry, higher education, and their fields of interest.

NSBE at UCLA has had a profound impact on my undergraduate experience. Through this organization, I've found a community of peers committed to growth, gained student and alumni mentors whose hard work continues to inspire me, and had the privilege of mentoring others in turn. Most importantly, I've received sponsorship opportunities that allowed me to attend national and regional conferences—experiences that have helped me grow my network, compete in technical events, and connect with potential employers.

This academic year, I'm committed to working closely with our leadership team to ensure that all of our members benefit from the same opportunities that have shaped my journey. We aim to expand academic and professional development programming, increase outreach to K-12 and college students in underrepresented communities, strengthen our technical project initiatives, and create new ways to keep our members engaged and supported.

Your support makes all of this possible. By sponsoring NSBE at UCLA, you're investing directly in the development of the next generation of changemaking Black engineers. We invite you to partner with us in empowering our members to achieve their full potential.

Thank you again for your consideration. Go Bruins!

Victoria Madu

SPONSORSHIP LEVELS

GOLD

\$1500+

- **Exclusive Access to NSBE at UCLA Linkedin Group**
- Invitation to the End-of-the-Year celebration
- Invitation to NSBE quarterly social events
- Company logo on NSBE Women in Science & Engineering Day and General Membership T-Shirts

- Host one company information session, event, or workshop
- Social media highlights on the NSBE at UCLA Instagram and Facebook
- Access to NSBE at UCLA's resume book
- Publication of internship and job positions in our weekly newsletter
- Recognition on NSBE at UCLA's website

SILVER

\$800 - \$1499

- Host one company information session, event, or workshop
- Social media highlights on the NSBE at UCLA Instagram, Facebook, and TikTok
- Access to NSBE at UCLA's resume book
- Publication of internship and job positions in our weekly newsletter
- Recognition on NSBE at UCLA's website

BRONZE \$1 - \$799

- Access to NSBE at UCLA's resume book
- Recognition on NSBE at UCLA's website
- Publication of internship and job positions in our weekly newsletter



BECOMING A LIGHTNING BOLT SPONSOR

Come support NSBE at UCLA in our mission to make a striking impact in the world and in our communities. A donation or contribution to any of our initiatives or conferences will be greatly appreciated. In addition to the benefits listed for each contribution, you will also become one of our cherished Lightning Bolt Sponsors! Thanks for helping light the path to our future!



BECOMING A LIGHTNING BOLT SPONSOR

Summary of Ways to Support

- Fund the launch of the NSBE at UCLA Technical Project
- Sponsor 1 student to attend the NSBE National Convention + Career Fair
- Provide a scholarship to an NSBE at UCLA student
- Sponsor 1 student to attend the NSBE Regional Conference + Career Fair
- Fund NSBE at UCLA club t-shirts for our members
- Provide a company tour or visit
- Sponsor a table at our Annual Tri-Org Celebration
- Sponsor a NSBE social by sponsoring food or gift cards
- Support our outreach events, such as our largest event, Women in Science & Engineering Day (WiSE Day)
- O Distribute company recruiting materials at outreach events



BECOMING A LIGHTNING BOLT SPONSOR



Fund the launch of the 2025-26 NSBE at UCLA Technical Project

The NSBE at UCLA's VitalCase Technical Project is an interdisciplinary, hands-on engineering design challenge where students enhance their proficiency in project management, circuit design, and Embedded Systems Programming through the development of a portable health monitoring system capable of measuring heart rate, blood oxygen saturation, ECG, and body temperature.

In this year-long project, students will navigate from initial project conception to final prototype implementation, addressing complex variables and solving challenging problems that require critical thinking and technical expertise. This endeavor builds on knowledge from mechanical, electrical, computer, and biomedical engineering disciplines, providing practical experience in sensor integration, PCB design, and user-centered device assembly.

The core principles governing our project are the following:

Mechanical Design

- Designing a CAD model of the clamshell case, including compartments for the Arduino, sensors, battery, and display.
- Constructing the physical enclosure using 3D printing or laser-cut materials.
- Ensuring ergonomics and comfort for finger pads and sensor placement while maintaining portability and durability.

Electronics Design (EE)

- Implementing and learning the circuitry for the system sensors (MAX30102, TMP117, AD8232) and OLED display.
- Prototyping the circuits and eventually designing the PCB
- Implementing necessary resistors, capacitors, and protective components for stable operation.

Software / Computer Engineering (CS)

- Developing Arduino code to collect data from all sensors simultaneously.
- Processing and displaying real-time heart rate, oxygen saturation, ECG, and body temperature on the screen.

Biomedical / Chemical Engineering (Bio/Chem E)

- Understanding physiological principles behind heart rate, blood oxygen, and temperature measurements.
- Ensuring sensors are applied correctly for accurate readings and safe contact with the user.
- Analyzing sensor data and verifying it aligns with expected human physiological ranges.

Our members will work on teams where they will be focusing on one of our core principles.

FEATURES OF YOUR SPONSORSHIP

Co

Company logo on final product

"Thank You" videos and pictures of final product



COST BREAKDOWN

Materials	Quantity	Cost
Arduino Uno R3	1	\$25
MAX30102 Pulse Oximeter & Heart Rate Sensor	2	\$30
TMP117 Temperature Sensor Module	2	\$20
AD8232 ECG Module	2	\$30
Electrode Pads	20	\$20
OLED Display	2	\$20
Extra Amenities (silicone padding, light block foam, hinges, etc)	10	\$100
Resistors, Mosfets, Capacitors, etc	1	\$30
Custom Fabricated PCB	1	\$150

TECHNICAL PROJECT ESTIMATED COST:

\$425

BECOMING A LIGHTNING BOLT SPONSOR

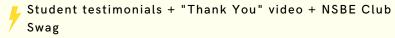


Sponsor 1 student to attend the NSBE National Convention + Career Fair

NSBE National Convention is one of our largest conferences of the year, with 15,000+ Black engineering students and professionals from around the country gathering for an immersive experience full of professional growth, networking, career fairs, workshops, community building, research competitions, and more! Last year, out of the 30 NSBE at UCLA members that attended, 17 of our members received interviews or job/internship offers from the NSBE Nationals Career Fair! Seven of our members were elected to Regional Executive Board Positions!

This year NSBE National Convention will be held in Baltimore, Maryland. We have to travel further this year for the national convention, and ask for your help in providing assistance to bring more members. The estimated cost to fund one student is \$1300.

FEATURES OF YOUR SPONSORSHIP





NSBE NATIONALS ESTIMATED COST

FLIGHT/TRAVEL \$600/MEMBER REGISTRATION \$450/MEMBER HOTELS \$250/NIGHT

TOTAL PER PERSON \$1300



Provide a scholarship to a NSBE at UCLA student

NSBE would like to give away \$4000 in scholarships this year. We would like to give two \$1,000 scholarships and four \$500 scholarships. You can also give a different amount as well. Scholarships will be named after the company donating.

FEATURES OF YOUR SPONSORSHIP

Student testimonials + "Thank You"
video

BECOMING A LIGHTNING BOLT SPONSOR



Sponsor 1 student to attend the NSBE Regional Conference + Career Fair

NSBE Regional Conference is one of our smaller conferences of the year focused on fostering academic, professional, and personal development among Black engineers and other underrepresented groups in STEM. The conference typically includes workshops, seminars, networking opportunities, career fairs, and competitions aimed at empowering attendees and promoting diversity in the engineering field. It serves as a platform for students, professionals, and corporate partners to connect, share knowledge, and inspire each other towards excellence in engineering and beyond.

FEATURES OF YOUR SPONSORSHIP

Student testimonials + "Thank You" video + NSBE Club Swag



NSBE REGIONAL CONFERENCE ESTIMATED COST

FLIGHT HOTELS \$250/MEMBER \$200/NIGHT

TOTAL PER PERSON \$450



Fund NSBE at UCLA club t-shirts for our members

We would like to provide Chapter T-Shirts to improve visibility and highlight our awesome members of NSBE at UCLA! We would like to reduce the cost for members to buy a T-Shirt. Any contribution is welcome.

FEATURES OF YOUR SPONSORSHIP

Company name and logo on the back of the NSBE at UCLA shirt

NSBE at UCLA Shirt

Thank You" letter



Provide a company tour or visit

We would like to provide our members with opportunities to learn more about each company and their offices. If you are interested in providing a company tour or visit, let us know!

FEATURES OF YOUR SPONSORSHIP



Visibility for your company

BECOMING A LIGHTNING BOLT SPONSOR



Sponsor a table at our Annual Tri-Org Celebration

The Tri-Org consisting of NSBE, SOLES, and AISES comes together each year to host an end-of-year celebration. It's a time to look back on the highlights of the academic year and celebrate the positive impacts we've made on our community. We also will acknowledge our industry partners who helped make our events possible with sponsorship, volunteer services, offering our students valuable career advice and opportunities along the way.



FEATURES OF YOUR SPONSORSHIP

Recognized and awarded for your helping contribution to NSBE



Catered Dinner





Sponsor a NSBE social by sponsoring food or gift cards

We host socials throughout the year to promote community building amongst members and other NSBE chapters. Some past socials include movie night, game night, and beach day! We like to raffle off gift cards and provide food to incentivize members to come.

FEATURES OF YOUR SPONSORSHIP

"Thank You" letter + pictures from the social



BECOMING A LIGHTNING BOLT SPONSOR

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Support our outreach events such as our largest event, Women in Science & Engineering Day (WiSE Day)

NSBE hosts multiple outreach events throughout the year such as our largest annual outreach event, Women in Science & Engineering Day (WiSE Day) where approximately 200 young middle and high school girls from underrepresented communities engage with UCLA students in hands-on workshops, receive advice about higher education, and interact and hear from female engineering students and faculty. During this event, students will gain a comprehensive view of what STEM is all about! This event is typically held at UCLA in April/May.



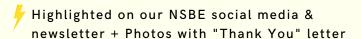
WAYS TO HELP OUT

- Contribute to the funds for WiSE Day T-Shirts
- Host a Workshop
- Provide Speakers or Mentors for Panel



FEATURES OF YOUR SPONSORSHIP

Company name and logo on NSBE at UCLA WiSE Day SWAG



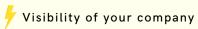




Donate company swag for outreach events and prizes

We distribute company recruiting materials at our K-12 outreach events and as prizes during our NSBE general meetings. We would love to share your company's recruiting materials to inspire and influence the next generation of engineers. Please let us know if you have any company swag you would like us to distribute.

FEATURES OF YOUR SPONSORSHIP



OVERALL BUDGET FOR ACADEMIC YEAR

TOTAL FOR ALL EVENTS LISTED ABOVE

Events	Breakdown/Reasoning	Total Cost
NSBE National Convention	Cost Per Student: \$1,300 Number of Students To Attend: 25	\$32,500
NSBE Fall Regional Conference	Cost Per Student: \$450 Number of Students To Attend: 30	\$13,500
Outreach Events	WiSE Day Event: \$8,400 Onsites + Other Events: \$6,560	\$14,960
NSBE at UCLA Scholarship	Two \$1,000 Scholarships Four \$500 Scholarships	\$4,000
Technical Projects	Electromagnetic Accelerator Project	\$425
Membership Retention and Socials	Socials and Prize Giveaways	\$1,000
Club T-Shirts	To give to general members as well as industry partners	\$1,500
Table For Tri-Org Celebration	Sponsor a table and be recognized at event	\$200

OVERALL PROJECTED BUDGET: \$ 68,085

HOW TO GIVE?

DIFFERENT WAYS TO GIVE TO OUR CHAPTER



Donate Online using Credit Card or Paypal

The UCLA Foundation accepts Credit Card and/or PayPal methods via our giving website listed below:

Giving Website: https://giving.ucla.edu/campaign/donate.aspx?
Fund=14200c&Code=M-44504

If you run into any issues with submitting funds using this method, please consider the alternative method below.





Donate in the form of a Check

The UCLA Foundation also accepts donations in the form of checks. In the memo line, please include the following details: National Society of Black Engineers (NSBE) at UCLA, Fund 14200c, m-44504.

Checks may be sent to the mailing address below:

The UCLA Foundation PO Box 7145 Pasadena, CA 91109-7145



Your donation will be disbursed by the UCLA Foundation, which receives contributions made by alumni, friends, private foundations and corporations on behalf of UCLA's departments and clubs.

More information about the management of funds can be found here: https://mygiving.ucla.edu/faq#disclosure.

Additional documents you may need can be located here: https://mygiving.ucla.edu/faq.

Since we hold 501(c)(3) status, donations made to us are tax deductible.

For donation and UCLA Foundation related inquiries, please contact Elisabeth Leavitt, Associate Director of Development, Corporate and Foundation Relations, UCLA Samueli School of Engineering at ekealy@support.ucla.edu.





Interested in becoming a sponsor?

Please reach out to our NSBE President, External Vice-President, and Treasurer. We truly appreciate your support! Go Bruins!



ucla.nsbepresident@gmail.com



ucla.nsbevp@gmail.com



ucla.nsbetreasurer1@gmail.com