

March 5th, 2025



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VUSE Student Success & Resources

TOM “Go Baby Go”

On 3/23 & 4/6

TOM: Vanderbilt is hosting a “Go Baby Go” event, where Makers will adapt electric children's cars into mobility devices for children with

disabilities. The adaptation will take place on two days (Sunday, 3/23 and Sunday, 4/6) from 10 am till 2 pm, and Makers are invited to be a part of both or either day. A third day, Sunday April 13th, will be the delivery day where personalized adaptations will be made for each child. Applications are due by March 7th, 11:59pm.

GO BABY GO



Tikkun Olam Makers

Mobile Photonics Lab Experience

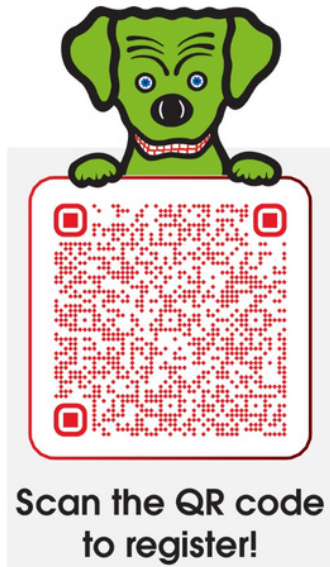
On 3/5

Hello Everyone!

On March 4th and 5th from 10am - 4pm, Thorlabs, Inc. is bringing their Mobile Photonics Lab to Vanderbilt with over 3000 pounds of photonics equipment on board! Discover how photonics is used in nearly every branch of science and engineering. Directly engage with current employees with years of experience and gain insight into photonics, applications, or career opportunities in the field.

Day 1: Experience several applications of light through fun, hands-on demos with cutting edge technology and equipment.

Day 2: Come experience an advanced application of light with a demo using Optical Coherence Tomography (OCT) Imaging! **Spots are limited** so register in advance with the QR code below!



If you would like to learn more about the Thorlabs mobile lab experience, please visit their [website](#) where you can also find photos of past events.

You can also learn about the departments, centers, and institutes at Vanderbilt with photonics and optics opportunities from faculty and members of student chapters that will also be there.

Hope to see you there!

P.S. Free T-shirts and snack boxes!



Mobile Photonics Lab Experience

THORLABS In partnership with **Biophotonics Center**

Who Are We?
 The Thorlabs Mobile Photonics Lab offers students a **hands-on experience** with photonics equipment used to measure, study, and harness the power of light. Guided by current Thorlabs employees, students are introduced to key photonics concepts, gain insight into potential careers, and engage with individuals that have years of experience working in the field.

Talk to our student chapters and faculty to learn how to build your career in Photonics

Join Us March 4th and 5th!

10 AM - 4 PM | Located on **Stevenson Center Courtyard**

Schedule
Tuesday 3/4 - Intro to Photonics Experience, 10 AM - 4 PM
Wednesday 3/5 - OCT Imaging Experience, 10 AM - 4 PM. Registration Required (Space is Limited)

VANDERBILT UNIVERSITY
Departments & Centers/Institutes with Photonics and Optics Opportunities

- Biomedical Eng • Electrical & Computer Eng
- Physics • Chemistry
- Mechanical Eng • Chemical & Biomolecular Eng
- VINSE • VBC

Contact Information:
 vbc@vanderbilt.edu



Scan the QR code to register

mobilelab@thorlabs.com | 973.300.3000 | www.thorlabs.com

Bain and Company March Campus Visit Events

On 3/20

Bain and Company, a leading strategy consulting firm globally, is excited to be returning to campus for their annual Spring Visit **Thursday, March 20th**. They will be hosting a slate of events, ranging from coffee chats with students in the morning to a focused company panel the same evening.

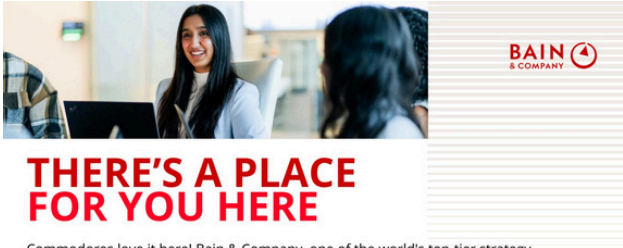
Registration for these events can be found at the link below and are posted on Handshake. Please note that students who are interested in attending these events must respond on the Bain website using the links below—

registering on handshake alone will not reserve a coffee chat slot! See the attached flyer for additional information.

<https://www.bain.com/careers/work-with-us/students/vanderbilt/>

Events on Thursday, March 20:

- **Coffee Chats:** 10:00am – 12:00pm in SLC meeting rooms 1, 2, and 3 (20 minute slots)
- **Bain Deep Dives - Panel + Q&A:** 12:00 – 1:00pm in Alumni Hall Room 202
- **Company Presentation:** 5:30 – 6:30pm in Alumni Hall Room 201




THERE'S A PLACE FOR YOU HERE

Commodores love it here! Bain & Company, one of the world's top-tier strategy consulting firms, brings together the brightest and most curious minds into one global team where anything is possible.

We will be on Vanderbilt's campus on March 20. Students must register for events at <https://www.bain.com/careers/work-with-us/students/vanderbilt/>

Coffee Chats 10:00AM-12:00PM SLC meeting rooms 1, 2, & 3	Bain Deep Dives: AI, Private Equity, and Case Prep 12:00 PM-1:00 PM Alumni Hall room 202	Company Presentation 5:30 PM-6:30 PM Alumni Hall room 201
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[bain.com/careers](https://www.bain.com/careers) 

Design Studio Mentor Applications

Apply to be a Mentor at the Design Studio!


- Help others!
- Apply your learning and learn some more!
 - Flexible Hours (2 hours/week)!
 - Get 24/7 access to the Design Studio!

Applications are open! Scan the QR Code to get started!



Beyond Internship


Due on 3/5



**BEYOND
Internships**

Explore the many ways to **build** your
Engineering **resume** outside of a formal
internship.

📅 **Wednesday, March 5th**
🕒 **5-6 p.m.**
📍 **Featheringill Hall 110**

RSVP


Snacks will be provided.

Questions? Contact vuse-studentsuccess@vanderbilt.edu



Tennessee Engineering Foundation (TEF) Scholarship

Due on 3/14

The Tennessee Engineering Foundation (TEF) is excited to announce its 2025 scholarship opportunity for engineering students across Tennessee, and we would love your help in encouraging eligible students to apply!

About the Tennessee Engineering Foundation:

TEF is a nonprofit organization committed to nurturing the future of engineering by providing financial support to students who aspire to make a difference through innovative engineering solutions. This scholarship is aimed at helping dedicated engineering students achieve their educational goals and advance toward impactful careers in the field.

Scholarship Details:

The TEF scholarship awards four (4) \$3,500 scholarships to students attending a college or university in Tennessee, who demonstrate academic potential and a passion for the engineering industry.

Eligibility Requirements:

- Must be enrolled as a Freshman, Sophomore, Junior, Senior, Fifth-Year Senior, or Master's student in Fall 2025.
- Major in one of the following areas: Aeronautical Engineering Technology, Aerospace Engineering, Agricultural Engineering, Bioengineering, Biomedical Engineering, Chemical Engineering, Civil Engineering, Drafting/Design Engineering Technology, Engineering Management, Environmental Engineering, Mechanical Engineering, Mining Engineering, Nuclear Engineering, Petroleum Engineering, Surveying and Geomatics Engineering, Systems Engineering, or related fields.
- Be a U.S. Citizen.

- Enrolled in a Tennessee college or university for the 2024-25 academic year.

Quick Facts:

- Application Deadline: March 14, 2025
- Award Amount: Four (4) \$3,500 - Scholarships

We encourage you to share this opportunity with students who may benefit from the scholarship and align with its requirements. For more details and to apply, students can visit www.acectn.org/scholarships or reach out to Kasey Anderson (kanderson@acectn.org).



Levy Internship Fund

Apply by 3/16

LEVY INTERNSHIP FUND



Need Funding for Your Summer Internship?


The Levy Internship Fund provides eligible Students with up to \$6000 for un(der) paid summer internships! Funding can be used for housing costs, meals, transportation costs, professional attire, and any necessary expenses to complete a successful internship.

Eligibility information and the link to apply through [Award-a-Dore](#) (search "Levy"), can be found on our website or by scanning the QR code below!

Submit a full application
by Sunday, March 16th.



University Pathway Program



The poster features the Vanderbilt University logo on the left and the Waters logo on the right. Below the logos, a paragraph describes Waters Corporation as a leading specialty measurement company. A central flow diagram shows four stages: Internship (laptop icon), Mentor (handshake icon), Educational Award (graduation cap icon), and Employment (person icon). Below the diagram, text states that Waters is seeking STEM students and lists benefits: a summer internship, a dedicated Waters mentor, and guidance toward an employment offer. A QR code is provided with the instruction 'Scan the QR code to apply!'. At the bottom, contact information for Jess Lee is provided.

V
UNIVERSITY
OF VANDERBILT

Waters™

Waters Corporation is the world's leading specialty measurement company focused on improving human health and well-being through the application of high-value analytical technologies and industry leading scientific expertise.

Waters University Pathway Program

INTERNSHIP → MENTOR → EDUCATIONAL AWARD → EMPLOYMENT

In partnership with Vanderbilt University, Waters is seeking students pursuing degrees in STEM to apply for the Waters University Pathway Program which includes:

- A summer internship
- A dedicated Waters mentor
- Guidance to work toward an employment offer upon graduation

Scan the QR code to apply!

Questions? Reach out to Jess Lee (Jess_Lee@Waters.com)

VINSE's 2nd Friends & Family Day

On 4/5

We are excited to invite you and your family to [VINSE's 2nd Friends & Family Day](#), happening on Saturday, April 5, 2025 from 1:00 PM to 4:00 PM at the Engineering Science Building on the Vanderbilt Campus.

After the success of our inaugural event in 2022, we are thrilled to bring this interactive and educational event back! It's a wonderful opportunity for students, families, and the larger Nashville community to learn about the fascinating world of nanoscience through hands-on demonstrations, facility tours, and more. [Register Here](#)

Event Highlights:

- Hands-on Science Demonstrations: Explore engaging topics like microscopy, graphene transfer, light diffraction, ferrofluids, and more!
- Tours of VINSE's Core Facilities: Step inside our Cleanroom (12 and older), Advanced Imaging Suite, Analytical Lab, and 3D printing facility.
- Family-Friendly Fun: Participate in cleanroom gown dress-up stations, take photos with cleanroom cutouts, and enjoy a cleanroom window tour.
- Food & Prizes: Enjoy Ben and Jerry's ice cream, snacks and enter to win exciting door prizes.

Discover Answers to Fun and Fascinating Questions:

- How did a researcher win a Nobel prize with a pencil and tape?
- Can something be both a liquid and a solid?
- How can scientists make a nickel look like a penny?
- How do you keep sand dry in a bucket of water?
- And much more!

It's a great opportunity to explore the wonders of nanoscience in a fun and interactive setting!

[Register Here](#)

I got the Internship/Job, Now what?

Due on 4/8



**I got the Internship/Job,
Now what?**

Hear advice from a panel of **engineering grads** and **career coaches** on how to successfully **navigate** setting yourself up in a new city.

📅 **Tuesday, April 8th**
🕒 **5-6 p.m.**
📍 **Featheringill Hall 110**

RSVP 

Snacks will be provided.

Questions? Contact vuse-studentsuccess@vanderbilt.edu

 **VANDERBILT**
School of Engineering

Power the Community Competition

Deadline on 4/15



The poster features the Energy Mentors logo at the top left, with a stylized figure in blue and red. To the right are logos for sponsors: CH2M, Argentech, EY, and Multimate. The central text reads "POWER THE COMMUNITY 2025" in orange and white. Below this is a photograph of a young woman and man, both smiling and holding blue folders. To the left of the photo, it says "AN INTERNATIONAL COLLEGE DESIGN COMPETITION" and "Join the global challenge to design sustainable energy infrastructure for your community!". A circular badge on the right says "REGISTER NOW & WIN \$31,000". Below the photo, there are two columns of text: "DESIGN THE FUTURE OF ENERGY" with three bullet points, and "COMPETITION DETAILS" with four numbered points. At the bottom left is a QR code and the text "SCAN AND PARTICIPATE NOW!". The website "www.energymentors.org" is at the bottom left, and "info@energymentors.org" is at the bottom right.

Energy Mentors

CH2M Argentech EY Multimate

POWER THE COMMUNITY 2025

AN INTERNATIONAL COLLEGE DESIGN COMPETITION

Join the global challenge to design sustainable energy infrastructure for your community!

REGISTER NOW & WIN \$31,000

REGISTRATION BEGINS AUGUST 15, 2024

DESIGN THE FUTURE OF ENERGY

- 1 Showcase your skills and creativity in sustainable energy solutions
- 2 Offers certifications
- 3 Learn & build network

COMPETITION DETAILS

- 1 Open to students worldwide
- 2 Registration deadline March 15, 2025
- 3 Project submission deadline April 15, 2025
- 4 Judged by Industry experts and professionals

SCAN AND PARTICIPATE NOW!

www.energymentors.org info@energymentors.org

Win big in the Power the Community competition! With a \$31,000 prize pool and a deadline of April 15, 2025, this is their chance to stand out in energy and sustainability.

[Register now](#)

The Order of the Engineer

RSVP Today

The Order of the Engineer was initiated in the United States to foster a spirit of pride and responsibility in the engineering profession, to bridge the gap

between training and experience, and to present to the public a visible symbol identifying the engineer.

The Order is not a membership organization; there are never any meetings to attend or dues to pay. Instead, the Order fosters a unity of purpose and the honoring of one's pledge lifelong.

Seniors – RSVP for your spot today for the Order of the Engineer Induction Ceremony

Questions? Contact the VUSE Office of Student Success

vuse-studentsuccess@vanderbilt.edu



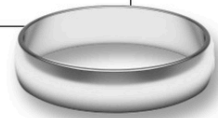
ORDER OF THE ENGINEER

INDUCTION CEREMONY

5.07.2025 AT 3PM
FEATHERINGILL HALL 134
 SENIORS! RSVP TO RESERVE
YOUR SPOT & YOUR RING!
<http://redcap.link/orderoftheengineer>



Questions?
Email VUSE Office of Student Success
vuse-studentsuccess@vanderbilt.edu



STEM Funding and Research Opportunities

- For Undergraduates:

Paid Summer 2025 Undergraduate Research Placements:

Over 700 programs – NSF REU, NASA, NIH and other paid summer research opportunities for undergrads

<https://pathwaystoscience.org/Undergrads.aspx>

- For Financial Support in Graduate School:

Fellowships and graduate programs in a wide variety of STEM disciplines:

<http://www.pathwaystoscience.org/Grad.aspx>

- For tips on applying and associated resources:

<http://www.pathwaystoscience.org/toolbox.aspx>

- For opportunities specifically in the Ocean Sciences:

<http://www.pathwaystoscience.org/oceanscience.aspx>

- For opportunities specifically in Engineering:

<http://www.pathwaystoscience.org/engineering.aspx>

Paid Summer Research, Graduate Fellowships, and Graduate programs!

For Undergraduates

*Paid Summer 2025 Undergraduate Research Placements:
Over 700+ programs – NSF REU, NASA, NIH and other paid summer research opportunities for undergrads*



For Financial Support in Graduate School

Fellowships and graduate programs in a wide variety of STEM disciplines



For tips on Applying and Associated Resources



 **www.pathwaystoscience.org**
Education and career training opportunities in Science, Technology, Engineering & Mathematics (STEM)
SEARCH for a program . . . find your future!

ACEC Research Institute

- The ACEC Research Institute is the leading source of knowledge and thought leadership for creating a more sustainable, safe, secure, and technically advanced built environment. The Institute's mission is to deliver information and business strategies that guide and elevate the engineering industry through research, forecasts, trend analysis and academic scholarships.

Through the ACEC Research Institute scholarship portal, qualified students have access to more than 100 scholarships totaling nearly \$1 million in grants, including:

- A \$5,000 NCEES Scholarship specifically for students from Tennessee
- A variety of diversity and inclusion scholarships, including those for HBCUs
- Both merit-based and need-based opportunities

The portal will automatically match students with ALL scholarships available to them based on their completed application. Application deadlines vary, so students are encouraged to apply today!

You can share the attached graphic and the following link with your students to help spread the word:

<https://acecinstitute.awardspring.com/>

For more information or support, please feel free to reach out to me. Thank you for your time and assistance in helping us empower the future generation of engineers.

The graphic is a promotional poster for the ACEC Research Institute Scholarship Program. It features a dark blue background with a yellow curved banner at the top right. The ACEC Research Institute logo is in the top left, and the text 'Scholarship Program' is in the top right. The main text reads: 'Qualified engineering students have access to more than 100 scholarships totaling nearly \$1Million.' Below this is a photograph of a group of people on a stage, with one person shaking hands with another. Underneath the photo, it says 'Students can receive up to a \$15,000 Scholarship'. A yellow button with the text 'APPLY TODAY!' is positioned below that. At the bottom, the website 'acecinstitute.awardspring.com' is listed. Fine print at the very bottom states: 'Deadline to apply for scholarships is March 14, 2025. Scholarships provided by ACEC State Member Organizations may have varying deadlines. Students must be enrolled in a college or university during the 2024-2025 academic year. Current high school students are not eligible. Scholarship funds awarded will apply to the 2025-2026 academic year only.'

iX VUSE

Are you interested in gaining global work experience through an international internship?

Imagine working on cutting-edge projects, like developing machine learning models for a cancer research company, while enjoying the stunning views of Cape Town's beaches and mountains. This was my reality this past summer, and it could be yours too!

My name is Michael Davis, and I am a junior here at Vanderbilt majoring in Biomedical Engineering and following the premed track. Last summer, I had the incredible opportunity to participate in an internship and professional development program in Cape Town, South Africa. iXperience, collaborates with various local companies in South Africa, providing students with a unique industry experience while helping

them build their résumés. While I participated in their Data Science program, they also offer opportunities in consulting, investment banking, and digital marketing.

If this resonates with you, feel free to email me: michael.a.davis@vanderbilt.edu and explore the opportunities on the [website linked here!](#)

Engineering Focus Areas

Did you know you could declare a new area of specialization? [Focus areas](#) provide guidance to students wishing to concentrate on a specialized topic within engineering. Focus areas are typically nine credit hours, and qualifying courses are listed in the catalog. Scan the QR code to learn more!



ENGINEERING FOCUS AREAS

**GRADUATE FROM VANDERBILT WITH
A NEW SPECIALIZATION**

INCLUDING:

- Human Computer Interaction
- Microelectronics
- Nanotechnology
- Strategic & Technical Consulting
- Engineering Communications
- Entrepreneurship
- Product Development

**ONLY 3
CLASSES**

TO DECLARE A FOCUS AREA:
Visit the Engineering Forms Webpage



SCAN HERE FOR MORE INFORMATION

The infographic features a light green background with blue molecular structures at the top. It includes icons for test tubes, a lightbulb, and laboratory glassware. A large green arrow points from the QR code to the right.

U.S. NSF Funded International Research Opportunity

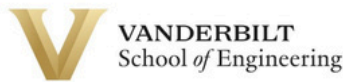
For Summer 2025

Call for the Applicants for the U.S.-Denmark-Program—NSF-IRES-INNOVATOR in Summer 2025

- Call for Summer 2025:
 - Apply now to become a paid international researcher on an exciting new U.S.-NSF-funded project with Dr. Masoud Davari and Dr. Masoud Karimi-Ghartemani in the Artificial Intelligence (AI)-Power and Center of Reliable Power Electronics (CORPE) directed by Prof. Frede Blaabjerg in the AAU Energy Department at Aalborg University (AAU) in Aalborg, Denmark.
 - For information on eligibility, stipends, and the application form—go to the following link and/or contact the mdavari@georgiasouthern.edu email.
 - Click on the [U.S.-Denmark-Program—NSF-IRES-INNOVATOR Website](#) hyperlinked here.
 - Alternatively, copy/paste the <https://sites.google.com/georgiasouthern.edu/us-denmark-nsf-ires-innovator/home> link.
- Past Experiences:
 - For information on student participants' research and cultural activities in Summer 2024—go to the following link.
 - Click on the [Summer 2024—Cohort Experiences and Cohort-Based Research Projects Page](#) hyperlinked here.
 - Alternatively, copy/paste the <https://sites.google.com/georgiasouthern.edu/us-denmark-nsf-ires-innovator/summer-2024-cohort-experiences-and-cohort-based-research-projects> link.
 - For information on student participants' research and cultural activities in Summer 2023—go to the following link.
 - Click on the [Summer 2023—Cohort Experiences and Cohort-Based Research Projects Page](#) hyperlinked here.
 - Alternatively, copy/paste the <https://sites.google.com/georgiasouthern.edu/us-denmark-nsf-ires-innovator/summer-2023-cohort-experiences-and-cohort-based-research-projects> link.

Conference Travel Funds

[Apply](#) Yearlong



OPPORTUNITY FOR CONFERENCE TRAVEL FUNDS

VUSE students can apply for funding up to **\$750** to go towards travel costs to present their research at a conference!

Applications must be submitted **at least one month prior to the conference.**

Funds contingent on availability.

**APPLY
HERE**



Questions?
E-mail vuse-studentsuccess@vanderbilt.edu

STEM Spring Tutoring



STEM TUTORING

JAN. 21 - APR. 21
(EXCLUDING BREAKS) | **SPRING 2025** | EVERY DAY
8AM-9PM CT

BME 2100	CS 1100	MATH 1100	MATH 2400
CE 2200	CS 1101	MATH 1200	MATH 2420
CHBE 2200	CS 1103	MATH 1201	MATH 2810
CHEM 1601	CS 2201	MATH 1300	MSE 1500
CHEM 1602	ECE 2112	MATH 1301	PHYS 1601
CHEM 2222	ECE 2123	MATH 2300	PHYS 1602

AVAILABLE ON
WEB AND APP



FREE TO ALL
VU STUDENTS!

Contact: The Office of Student Success
at vuse-studentsuccess@vanderbilt.edu
Additional tutoring services: www.vanderbilt.edu/tutoring

GROUP TUTORING

COURSE MATERIAL REVIEW AND Q&A HOSTED BY A GRAD STUDENT TUTOR
SPRING 2025 | JAN. 21 - APR. 21

Mondays / Wednesdays

1-3 PM in FGH 313

Math 1300, Math 1301, and Math 2420



with Abi

Mondays / Wednesdays

4-6 PM in FGH 313

Math 1300, Math 1301, and Chem 1601



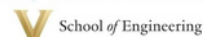
with Joshua



SIGN UP ON THE PENJI APP

FREE TO **ALL** VU STUDENTS!

Contact: The Office of Student Success
vuse-studentsuccess@vanderbilt.edu
Additional tutoring services: www.vanderbilt.edu/tutoring





Follow E-Council socials!

Want your organization to be featured in next week's E-Council newsletter?
Send a short blurb and graphic to kathleen.j.hartono@vanderbilt.edu by Tuesday at 6pm to be included in
the Wednesday newsletter.