

TAU BETA PI

SCHOLAR BIOS

2025-26

Hania Abdelhafez, *Stabile No. 1367*

Hania is a biomedical engg student at Case Western Reserve conducting cardiac MRI research at the Cleveland Clinic and studying myocardium & tissue characterization for early detection of heart disease. She's competed at international rocket competitions and now helps co-ordinate a junior NAR (National Association of Rocketry) program for East Cleveland youth. Hania plans to pursue graduate school with the goal of becoming a physician-innovator.



Adeoluwa S. Adekanmbi, *Alford No. 29*

Adeoluwa is an electrical engg major at Howard Univ. Growing up in Nigeria, his diverse upbringing instilled a profound understanding of both privilege and disparity, shaping his perspective on global challenges. He is driven by a commitment to apply artificial intelligence in tackling global challenges and developing solutions for climate resilience. Adeoluwa aims to delve deeper into AI as a tool for sustainable innovation & catalyst for human empowerment.



Hanan Alsmadi, *Althouse No. 17*

Hanan is an electrical engg senior with a political science minor at the University of Texas at Dallas. At her university, she's currently TX Delta Chapter president, heavily involved in the Muslim Student Assoc., and has served for two years on the board as social coordinator. Hanan tutors fellow college students in Calculus and Differential Equations. After graduating, she plans to work in the engineering field and then go to law school to become a patent attorney.



Lenna N. Abouzahr, *Cowan Watts No. 1*

Lenna is double majoring in electrical & computer engg at Oklahoma State University. She previously served on the engineering college's student council and worked as a career fair coordinator. She's also a member of IEEE, Eta Kappa Nu, and served as SWE chapter VP & president. Lenna also works as a college ambassador, encouraging prospective students through presentations and tours to pursue careers in engineering and plans to pursue her master's degree.



Mohammed R. Ahmed, *Record No. 2004*

Mohammed is a computer engg major at the Univ. of Texas at Dallas who has been greatly involved in the EPICS program, designing a solar array system for an elementary school garden. He hopes to be involved with the blooming hardware industry in his hometown, Sherman, TX, which is home to the new Texas Instruments fabrication plant, and pursue a master's to further his studies & community involvement with engineering students.



Adhithya Anandaraj, *Record No. 2005*

Adhithya is pursuing a computer science degree at the Univ. of Minnesota Twin-Cities, with an interest in machine learning research and scalable systems. Adhi is VP of Bharat, president of Social Coding, and Hindu Student Assoc. president, where he enjoys building community and promoting cultural engagement. He's interned at Collins Aerospace, contributing to software solutions, interns at AWS in Seattle, and is passionate about leveraging AI responsibly.



Tieren Aspell, *Abriola No. 2*

Tieren is majoring in civil engineering with French and architecture minors at the Univ. of Massachusetts Lowell. They are an accomplished research assistant working on NSF funded projects such as AI prompting and the detection of lead contamination in drinking water. Tieren has also served as secretary of Chi Epsilon and president of the North American Society of Trenchless Technology. They are interning with the MA DOT bridge team and have plans to pursue a Ph.D. in civil engineering.



Cody Andres Alessio-Bunnell, *Stabile No. 1486*

Cody is a mechanical engineering major at Duke Univ., pursuing certificates in robotics and innovation & entrepreneurship. At Duke, he serves as Combat Robotics president, fundraising chair for Ski and Board, and as a writer for the satire *Fluke* news. His research interests include the development of robotics and automation into everyday life by increasing the technology's accessibility and adaptability. He plans to pursue a master's and become involved with a robotics and automation startup.



Ethan R. Anderson, *Skaggs No. 25*

Ethan is a senior electrical engg major at Texas Tech Univ. He's the founder and coach of Texas Tech's IEEE Region 5 Robotics Team. Ethan led the team to the final round of the IEEE Region 5 competition and hopes to continue this success at the 2026 competition in Denver. He also performs undergraduate research on lithium-ion battery degradation. This summer, Ethan completed a product engineering internship at Texas Instruments and intends to pursue a career in the semiconductor industry.



Haneef Adebisi, *Alford No. 28*

Haneef is an electrical engg major and manufacturing minor at the Univ. of Mississippi. He serves as African & Caribbean Students Association president and is a Center for Manufacturing Excellence & National Society of Black Engineers member. He is currently interning as a test engineer at Viking Range and has research interests in hardware & software integration. Haneef plans to pursue a master's degree and introduce original products in industry.



Ahmad E. Alramahi, *Stabile No. 1436*

Ahmad is a rising senior majoring in mechanical engineering at the University of Illinois at Chicago (UIC). He is a founding member and internal vice president of UIC's chapter of the American Society of Mechanical Engineers. He also co-leads a robot competition as a board member of ASME at UIC. After graduation, Ahmad plans to pursue certifications and learning opportunities, such as the professional engineering license, during his career.



Camila C. Aragón Alfaro, *Record No. 2006*

Camila, an international student from Peru, studies biomedical engineering at Boston University. A Provost's and Case Scholar, she's conducted research on neural activity modeling through deep learning and now develops RNA-based transcriptional switches for gene regulation. Camila is MA Eta Chapter recording secretary and president & co-founder of BU's Peruvian club. She plans to pursue a Ph.D. and become a professor to lead research that re-imagines healthcare.



Maria F. Argote De La Torre, Record No. 2007

Maria is studying biomedical eng'g at the Univ. of Mississippi. She's SWE chapter president, Society of Hispanic Professional Engineers member, and a circuits theory TA. Maria recently received the STAMPS Impact Prize to continue her work establishing a CRISPR screen to identify genes involved in early cardiac development. She participated in the Mayo Clinic's SURF program this summer, focusing on immune response to a novel retinal gene therapy delivery vehicle.

**Rylee M. Bender, Scribner No. 84**

Rylee is a senior at the Univ. of Georgia pursuing a B.S. in environmental eng'g with a certificate in water resources. She's passionate about sustainable infrastructure and the protection of natural water systems with internship experiences at Athens-Clarke County Public Utilities, and Bolton & Menk. After graduation, Rylee plans to pursue a career in water resources engineering, with a focus on sustainable water management & infrastructure design.

**Cameron A. Bracewell, Elovitz No. 2**

Cameron is a senior studying material science & eng'g at the Illinois Institute of Technology (IIT). He is the current IL Beta Chapter historian and cofounder and president of Podium Pros IIT, which focuses on developing public speaking and soft skills before reaching the workplace. Cameron is also on the IIT varsity baseball team and prides himself on continuous skill development, with a focus last summer on sewing and the fiber arts during his internship at Materion.

**Kunjan Aryal, Skaggs No. 26**

Kunjan, originally from Kathmandu, Nepal, is a Univ. of South Florida electrical eng'g senior and is passionate about renewable energy, robotics, and sustainable development. He serves as Nepalese Student Assoc. vice president and is webmaster for the IEEE Power & Energy Society student chapter. Kunjan will intern with Universal Orlando this fall, is involved in VEX Robotics, and hopes to work on complex machines to create a meaningful impact.

**Autumn L. Bergum, Record No. 2009**

Autumn is a civil engineering senior at the University of North Dakota (UND). On campus, she serves as ASCE president, SWE freshman outreach chair, and is involved with Chi Alpha. Autumn has completed three summers of internships, two of which were with KLJ Engineering and one with DGR Engineering. After graduating, she hopes to find a water resources position with a civil engineering firm.

**Ethan J. Bratt, Brems No. 35**

Ethan is an aerospace eng'g major on the rocket propulsion track at Embry-Riddle Aeronautical Univ. As a Summer Undergraduate Research Fellow, he is researching lunar plume impingement under Dr. Michael Kinzel and modeling regolith erosion caused by rocket exhaust during lunar landings. Passionate about mechanics and applying computational & experimental methods of propulsion system development, Ethan is active in SHPE, AIAA, and an intern at Gulfstream Aerospace.

**Molly L. Auer, Stabile No. 1437**

Molly is a senior at the Univ. of Arizona majoring in mechanical eng'g and minoring in software eng'g. She is a member of the honors college, SWE, and the university's competitive pickleball team. Molly has participated in multiple research programs, including the Arizona NASA Space Grant, investigating additive manufacturing systems, and IMOD REU at Georgia Tech. Her interests lie at the intersection of mechatronics & sustainable systems with plans for graduate studies.

**Elia Bilani, Record No. 2010**

Elia is pursuing a B.S. degree in biomedical eng'g at the Univ. of Hartford and is passionate about applying engineering principles to solve problems in biology and medicine with the goal of improving overall healthcare outcomes. He participates in research projects, such as a fall risk assessment study, and is active in BMES, previously serving as chapter VP and now as an advisor. Elia plans to pursue graduate studies and a career in medical device development.

**Benjamin R. V. Brigino, Stabile No. 1368**

Benjamin is a biomedical eng'g senior at North Carolina State Univ. with concentrations in pharmacoengineering & regenerative medicine. He serves as a TA for BME courses, tutors student-athletes, and mentors collegiate SASE regional chapters. Passionate about translating innovation into clinical solutions, Benjamin conducts neuroscience research in the Mishra Lab, investigating itch/pain transduction mechanisms in atopic dermatitis. He plans to pursue an M.S. and aspires to advance regenerative medicine therapies.

**Kaan Aytekin, Stabile No. 1438**

Kaan is a rising senior at the University of Rochester majoring in mechanical engineering. He served in the UR Baja SAE team as chief engineer and works as a research assistant at the Laboratory for Laser Energetics, where he conducts research on laser absorption in plasmas. Kaan enjoys playing guitar and photography in his free time. After graduation, he plans to pursue a career in either the energy or automotive industries.

**Brooke C. Boeding, Stabile No. 1439**

Brooke studies mechanical eng'g at the Univ. of Cincinnati. She is a Cincinnati Century Scholar who has completed three semesters of full-time internships with roles in modeling & simulation at Kinetic Vision, and two semesters of manufacturing eng'g experience at Kyocera Senco. Brooke serves as OH Beta Chapter VP of membership and volunteers with Found House Interfaith Housing Network pet support program. She'll pursue a career in consulting.

**Jillian L. Brockhoff, Record No. 2011**

Jillian is a bioengineering senior with a mechanical eng'g minor at the University of Pittsburgh. She's spent two years in R&D at Bayer Radiology, working on the systems engineering team for contrast injector systems. At the Pitt Biodynamics Lab, Jillian contributed to the development of a predictive model for anterior shoulder instability. She is also an active member of SWE, the Pitt Dance Ensemble, and serves as PA Lambda Chapter activities chair. Jillian hopes to pursue a career in medical device design.

**Peter J. Banyas, Record No. 2008**

Peter is a senior at Duke University studying electrical & computer engineering, with a concentration in machine learning, and a philosophy minor. He serves as Duke Cyber Club president, an organization dedicated to bridging the gap between technology, policy, and national security. Peter is involved in campus research with the Cyber-Physical Systems Lab, where he is working on counter-drone capabilities. He plans to pursue a master's to delve deeper into machine learning and AI architectures.

**Daniel J. Bourguignon, Skaggs No. 27**

Daniel is a dedicated electrical engineering major with a specialty in digital electronics. He is also pursuing minors in computer science, mathematics, and Biblical education. While ensuring academic success, Daniel also serves as Ohio Nu Chapter president and as a resident assistant, focusing on mentoring, supporting, and connecting with those he interacts with. As for future plans, Daniel aspires to meaningfully contribute in the workplace and to potentially pursue graduate education in EE.

**Ekaterina Buchilina, Sickafosse No. 15**

Ekaterina is studying chemical engineering at Texas A&M University with a computer science minor. Her passion for sustainable innovation is reflected in her research with the A&M Energy Institute, where she works under Dr. Stratos Pistikopoulos on renewable energy solutions. Ekaterina is a member of the university's prestigious honors program, has served as TX D Chapter corporate chair, women's volleyball club VP, and foundational sciences representative with the Student Government Association on the Galveston campus.



Walter R. Bungard, *Lugannani No. 2*

Walter is a chemical engineering senior at the Univ. of Akron. He currently serves as AICHE and Chem-E Sports president, member of honors volunteer group Elevate, and OH Kappa Chapter treasurer at Akron. He's involved in research surrounding the thermodynamics of stimuli-responsive polymers. Walter has completed research/internships with Sherwin Williams and Kraton Corp. He plans to apply his technical skills for a career in process eng'g.

**Robert L. Chapman IV, *Stabile No. 1440***

Rob is a mechanical engineering student at The Citadel, focusing on nuclear power and composite materials. After graduation, he hopes to serve in the U.S. Navy before returning to school to pursue a master's in nuclear engineering. Rob has conducted research in computational physics and will present at the ASME Conference in August 2025. In his free time, Rob enjoys practicing Brazilian Jiu Jitsu and playing the violin.

**Jhet R. Cooperrider Young, *Stabile No. 1441***

Jhet is studying mechanical engineering at Seattle Univ., with a mathematics minor. She serves as WA Gamma Chapter president and does research in soft robotics where she designs, fabricates, and tests models to help improve hand mobility in stroke patients, and is currently working on her third publication. She plans to obtain a master's in prosthetics and orthotics, so she can continue creating medical devices to improve the quality of life of others.

**Matthew Caldara, *Skaggs No. 28***

Matthew is a Texas A&M University electrical eng'g student with a focus in photonics and quantum logic. He loves learning and studying quantum optics and real analysis for further theoretical inquiry in his partial differential equations and research. Matthew explored more of silicon photonics during his year-round internship at Sandia National Labs and aspires for a career in academia to conduct a blend of theoretical and experimental.

**Kashif Chopra, *Record No. 2014***

Kashif is an electrical & computer engineering major with a minor in economics at Lafayette College (PA). He co-founded SpaceOna, a project that develops sensors to detect laundry machine availability on campus in real-time. Kashif loves public speaking, playing the Indian hand drum called the Tabla, and spending time outdoors. After graduation, he aspires to use his engineering, product management, problem-solving, and people skills.

**Tanner R. Croddey, *Stabile No. 1442***

Tanner is a mechanical eng'g major at Florida International Univ. and previously graduated with an A.S. in business administration from South Plains College. Tanner serves as honors college vice president of Future Innovators and as a BBC Housing SGA Senator. He's also a Model United Nations team competitor and serves as their CFO. He aspires to study sustainable engineering, driven by his travels to 41 countries and experiences observing fragile aquatic ecosystems.

**Kennedie D. Cearlock, *Record No. 2012***

Kennedie majors in biomedical eng'g at Florida State University and spent her summer working as a manufacturing intern at Merck (NC) gaining perspective on the processes required to bring medicine from production to patients. She conducts research on microfiber scaffolds for hepatocyte expansion and plans to complete an undergrad thesis focused on engineering a patient-specific bioresorbable scaffold for excessive central airway collapse and is FL Eta Chapter VP.

**Trevor E. Coates, *Soden No. 30***

Trevor is a senior chemical engineering major with a chemistry minor at Villanova University. His undergraduate research focuses on carbon capture, hydrogen production, and catalysis. Aside from research, he serves on the executive boards of the PA Theta Chapter and the American Institute of Chemical Engineers. After graduation, Trevor plans to pursue a Ph.D. in chemical engineering with a focus on alternative energy technologies.

**Biraj Dahal, *Record No. 2016***

Biraj, originally from Kathmandu, Nepal, is pursuing a double major in computer science and applied mathematics at Howard University. He's completed software engineering internships at Apple Inc. and Cummins Inc., and is currently working for an AI startup. He served as DC Alpha Chapter corresponding secretary, tutors his peers in STEM subjects, and mentors through various service organizations. He is also passionate about music and musical instruments.

**Tyler K. Chan, *Skaggs No. 29***

Tyler is an electrical engineering senior at Tennessee Technological Univ. He is a member of a string quartet group and enjoys performing music with others. He has completed an internship at Siemens Healthineers and returned there for a co-op to continue gaining experience in various aspects of research and development in molecular imaging devices. He is also a tutor and TA for the electrical engineering dept. Upon graduation, he intends to pursue a master's degree.

**Charles S. Cochran, *Record No. 2015***

Charles is a computer engineering & computer science student at the Univ. of Kentucky. He loves developing low-level software, particularly in the context of robotics, and has explored this interest through FIRST Tech Challenge and internships at Badger Technologies and Integrated Solutions for Systems. Charles is involved in campus ministries, plays ultimate frisbee & the guitar, and hopes to continue working in robotics and support a family after college.

**Sofia L. Dahlgren, *Campbell No. 59***

Sofia is a chemical engineering major at the Univ. of Washington completing the nanoscience and molecular engineering option with a data science minor. Her research projects investigate nanoparticle-based therapies for brain injury and disease. Sofia is dedicated to mentoring K-12 students as an engineering ambassador and facilitator for the Culture and Science Exchange program. She plans to pursue a Ph.D. in chemical eng'g focusing on nanobiotechnology.

**Shruthigna Chandupatla, *Record No. 2013***

Shruthigna is a senior majoring in computer engineering at the University of Texas at Dallas (UTD). She is an intern at the Texas Analog Center of Excellence (TxACE) and works at the Center for Robust Speech Systems (CRSS) at UTD. She serves as a TX Xi Chapter officer and aspires to continue learning the various applications of artificial intelligence for the betterment of society and contribute to R&D.

**Caroline Cook, *Stabile No. 1369***

Caroline is majoring in civil eng'g at Western Kentucky Univ. with a certificate in surveying. She serves as SWE chapter president, ASCE secretary, and a recruitment assistant for Alpha Delta Pi Sorority. She has completed research on hydroplaning accidents in Kentucky and hopes to make an impact on reduction. Her future aspirations include working on various job sites to gain hands-on experience and to one day become a project manager.

**Jaydn Decuir, *Record No. 2017***

Jaydn is a civil engineering major and political science minor from Arlington, TX. She's a part of the sixth cohort of the Karsh STEM Scholars Program, the DC Alpha Chapter, and ASCE (chapter president) at Howard University. Jaydn is an ardent researcher, focused on the intersection of science, community, and policy with hopes of working in human-centered design, affordable housing, and sustainability. She plans on continuing her academic journey through a Ph.D. in structural engineering.



Ereni S. Delis, Stabile No. 1443

Ereni is studying mechanical eng'g at UCLA. She serves as CA Epsilon Chapter tutoring director and publicity co-chair. Ereni has conducted neuromechanics research focused on improving functional outcomes for patients with facial paralysis and is pursuing an independent research project in the Anatomics Lab, designing a compliant radial head implant to treat elbow fractures. Her plans are to attend grad school & work in the medical device industry.

**Alp E. Demirtas, Bloomberg No. 19**

Alp is studying biomedical engineering and computer science at Johns Hopkins Univ. He is passionate about applying robotics innovations to find solutions to complex medical problems. Alp studies blood-brain barrier dysregulation in his research and leads a design team in collaboration with clinicians to develop better chronic pain management methods. Alp intends to pursue an M.D.-Ph.D. to research & administer cost-effective health solutions.

**Aeden M. Dicks, Record No. 2018**

Aeden is pursuing a degree in electrical & computer eng'g at WVU-Tech, where he serves as WV Beta Chapter, IEEE, and HKN Ocean Conservancy president. Aeden is also part of the ASCE concrete canoe team, where he enjoys applying engineering principles to hands-on challenges. After graduation, he aspires to continue learning & contributing to sustainable, impactful eng'g solutions and is considering going into the semiconductor sector.

**Ainsley E. Dillon, Soden No. 31**

Ainsley, a chemical eng'g student at the Univ. of Kansas, is a researcher for the Bertuccio Research Group, member of the Oread Singers, and works as a teaching fellow in the Chemical & Petroleum Engineering dept. at KU. For two years Ainsley competed as a Division I swimmer on the KU team, completed internships at Winchester Ammunition, and is currently a quality intern for PepsiCo. She plans to pursue a career in large-scale manufacturing.

**Emma G. DiMassa, Stabile No. 1428**

Emma is an industrial eng'g student at Florida State Univ., minoring in mathematics. She's conducted research on additive manufacturing at the National High Magnetic Field Lab and completed internships with HNTB in transportation logistics and Ball Corp. in manufacturing management. Emma is passionate about empowering women in STEM, serving as FSU WIMSE Society executive coordinator and as the FL Eta Chapter community outreach chair.

**Sarah K. Dockery, Brems No. 36**

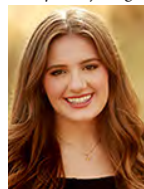
Sarah is studying aerospace eng'g with a concentration in aeronautics and a mathematics minor at Mississippi State Univ. She serves as MS Alpha Chapter president and as a COE ambassador. Sarah has found a passion for mentoring through supplemental instruction & tutoring and has internship experience in aviation flight testing and missile defense. As a pilot, her passion for aerospace eng'g has grown and provided a practical application for her studies, with plans to pursue a master's.

**Christine Dong, Stabile No. 1444**

Christine is a fourth-year mechanical engineering and physics major at Yale University. For two summers, she worked in engineering consulting for JPMorgan, contributing to the development of large scale energy projects. In her free time, she enjoys cooking, making music, and swimming. After graduation, she hopes to pursue a career in the energy sector.

**Kailey J. Dougherty, Schwaller No. 15**

Kailey is majoring in geophysical engineering at Colorado School of Mines and is currently working as a research fellow, developing a Python package to visualize time-dependent 3D geophysical datasets, with a focus on microseismic and distributed fiber-optic sensing data. She's completed internships with the U.S. Forest Service & Condor Consulting, Inc. and is active with Alpha Phi sorority, Society of Student Geophysicists, SWE, and Order of Omega.

**Eleanor G. Duffy, Record No. 2019**

Eleanor is studying civil engineering at the University of Florida. She's enjoyed internships exploring stormwater drainage design, roadway construction inspection, and aviation eng'g design. Eleanor plays competitive water polo and also coaches a Gainesville youth team. She strives to be an active leader in every aspect of her life, keeping her family motto at heart, "Be a spoon – it does not pierce like a fork, nor cut like a knife – a spoon serves."

**Volodymyr Dutchny, Record No. 2020**

Volodymyr (Vlad) is a co-terminal degree student at the Illinois Institute of Technology pursuing a B.S. in civil engineering and M.Eng. in structural eng'g. He is a returning intern at Wiss, Janney, Elstner Associates Inc., where he assists with projects pertaining to structural forensics and restoration. Vlad served as IL Beta Chapter recording secretary, is now Chi Epsilon president, and captain of the ASCE Concrete Canoe team. He enjoys fishing and reading.

**Luke J. Edwards, Stabile No. 1445**

Luke is a mechanical eng'g student at the University of Georgia with a focus in thermodynamics and integrating electronics into mechanical systems through mechatronics. He's had internships at Kubota Research & Development and TD Automotive, working on testing procedures, and helped with social activities at Georgia's Baptist Collegiate Ministries. These activities have given Luke experience in construction, design, and team building. He aspires to pursue a career in aerospace or automation.

**Naomi Ellis, Lyons No. 15**

Naomi grew up on a farm and was inspired by spaceflight as a child with dreams of being an astronaut. After her A.A. degree, she started a small cleaning and antique pianos repair business. Later, she decided to return to school to study aerospace eng'g sciences at CU Boulder. Naomi was deputy team leader for her Vehicle Design & Performance Lab team, won an engineering excellence award, and has worked at the Kennedy Space Center as a NASA Pathways intern.

**Matthew A. Ellsworth, Campbell No. 60**

Matt is a rising senior, studying chemical engineering at the United States Military Academy at West Point. His research has been focused on additive manufacturing, energetics, and distillation. He is involved in the American Institute of Chemical Engineers and as a member of Phi Kappa Phi. After graduation, Matt will commission as a second lieutenant in the U.S. Army and hopes to pursue a graduate degree in chemical engineering after his time at West Point.

**Abigail V. Eno, Scribner No. 85**

Abigail is studying civil & environmental eng'g at Florida A&M University. She serves as Florida Eta Chapter member development chair, Honors peer leader, study abroad ambassador, and is active with NSBE and the Sustainability Club. Abigail spent the past three summers interning with the USDA's Natural Resources Conservation Service training as an environmental engineer, plans to pursue a M.S. degree in water resources eng'g, and eventually return to NRCS in Hawaii.

**Kahiso R. Erickson, Stabile No. 1446**

Kahiso is a senior mechanical engineering major at the University of Texas at Austin. He currently serves as TX Alpha Chapter vice president-internal. Outside of his studies, Kahiso assists in blade cooling research and is involved with Engineers Without Borders and Engineers for a Sustainable World. After graduating, he plans to work in sustainable engineering or the renewable energy industry.



Abigail O. Esh, *Stabile No. 1429*

Abigail is an industrial engineering major and math minor at Clemson University. Last year, she served as SC Alpha Chapter corresponding secretary and social media chair. Additionally, she is involved in Alpha Omega Epsilon, the national STEM sorority, Alpha Pi Mu, Catholic Tigers, and works as a teaching assistant. Abigail is interning in the lifecycle engg group at NIST this summer and plans to pursue a graduate degree in data science.

**Nathan G. Ford, *Record No. 2024***

Nathan is a biomedical engineering student at The Catholic University of America with Chemistry and Spanish minors. He's also pursuing a master's in biomedical engg and has conducted research on identifying novel leukemia oncogenic combinations and using laser optics to design blood vessels. Nathan is a member of the CUA Swim & Dive team, the Hyattsville Volunteer Fire Dept., and plans to attend medical school and become a physician.

**Michael N. Galsim, *Stabile No. 1427***

Michael is a fourth year industrial & systems engineering student at Rutgers University. He's a member of the honors college and Alpha Pi Mu chapter president. Michel is currently interning as a reliability engineer at SpaceX, and is involved in energy curtailment research. Upon graduation, he looks forward to gaining more experience and using it to make a positive impact on the world.

**Daniel J. Farling, *Record No. 2021***

Daniel is pursuing a degree in biomedical engg at the Univ. of South Carolina. He's especially passionate about the intersection of biomedical science and innovation, with an interest in developing advanced medical technologies to improve patient outcomes. As a resident assistant for the Capstone Scholars Program, he mentors first-year students transitioning into college life. Daniel aspires to work in R&D with an emphasis on cardiovascular health.

**Leanna H. Frasch, *Record No. 2025***

Leanna is a biomedical engineering student at the Rochester Institute of Tech., with a tissue engg concentration and Chemistry minor. She's passionate about R&D in the areas of medical devices and biomanufacturing. Leanna has several years of hands-on experience through her work in RIT's Nano Biomaterials Lab and internships at Regeneron Pharmaceuticals and Formlabs Inc. She will pursue a career in translational biomedical innovation.

**Hector J. Gardea, *Forge No. 172***

Hector is an electrical engineering major with a biomedical focus at California State University, Los Angeles (CSULA). He's involved with research in the Energy Optimization & IntelliMed Lab under Dr. Curtis Wang and Dr. Deborah Won, respectively. Hector serves as CA Iota Chapter treasurer, CSULA ASME chapter president, and worked as a student assistant for CSULA's LSAMP program. He intends to continue his research in biomedical devices through a Ph.D. program.

**James C. Flaggett, *Record No. 2022***

Jack is a biomedical engineering student at Dartmouth College. He's interested in bioengineering and has worked in the Hixon Lab the past two years on tissue engineering projects. Currently, Jack is working on a project conjugating extracellular matrix proteins to polymer scaffolds for implanted prosthetics. He is especially interested in protein engg and translational research with plans to work in industry for a year before applying to graduate schools.

**Dawning J. Fu, *Record No. 2026***

Dawning (Jiajia) is a bioengineering student at Northeastern University (NU) who is proudly from New Jersey. She is a researcher, science subteam lead of the NU Mars Rover team, head of photography for the school science magazine, and a member of the NU International Genetically Engineered Machine team (iGEM). Dawning enjoys nature photography expeditions, rock climbing, and will pursue a computational bioengg Ph.D. after graduation.

**William H. Gardner, *Record No. 2029***

Will is studying nuclear engg at the Univ. of Tennessee, with a materials science minor, and serves as TN Alpha Chapter Engineer's Day chair. His interests lie in nuclear materials and nuclear fuel forms, focusing on research into high entropy ceramics. He's done research at the Czech Technical Univ. and is currently interning at ORNL, studying amorphous fraction characterization techniques. He plans to pursue a graduate degree before entering a career in research.

**Ryan A. Flaskamp, *Record No. 2023***

Ryan is majoring in electrical engg with an electric power systems specialization at Iowa State University. He proudly serves as IEEE Chapter president and is concurrently enrolled in the ISU MBA program. His professional interests include renewable energy integration, grid protection systems, and grid-enhancing technologies. Ryan has completed internships with MidAmerican Energy Co. and MISO Energy, and will pursue a career in grid operations.

**Anthony P. Furman, *Record No. 2027***

Anthony is studying robotics engg at UC Santa Cruz and currently leading a reinforcement learning research project at HARE Labs under Prof. McGuire, while also leading the AI club. He has eight different hackathon awards for various projects in machine learning/AI. Anthony used one project to found a startup with VC funding that uses AI to provide climate friendly consumer products. He hopes to use his knowledge to create state-of-the-art autonomous systems.

**Rachel N. Gatewood, *Record No. 2030***

Rachel is a biomedical engineering major at Saint Louis University with a minor in engg mathematics. She plans to continue her education by getting an MD/Ph.D. in computational neuroscience, researching mathematical models of behavior & personality. She is women's ultimate frisbee team co-captain and a research assistant in Dr. Yan Gai's neuroengineering lab investigating the use of machine learning algorithms to classify sensory stimuli.

**Benjamin N. Folgers, *Berthold No. 4***

Ben is an aerospace engineering student at the University of Illinois at Urbana-Champaign. He will serve as IL Alpha Chapter treasurer in the upcoming year. Ben is a licensed private pilot and flying has been a major influence in his academic and professional path. He's passionate about learning everything there is to know about aviation, whether in the classroom, in the skies, or in industry. Ben enjoys hands-on projects, such as 3D printing or repurposing old mechanical parts.

**Cynthia S. Gaddam, *Record No. 2028***

Cynthia is a biomedical engg student at Mercer Univ., with a minor in chemistry. She conducts research under Dr. Joanna Thomas focusing on the design and testing of 3D-printed biliary stents. Her work has been presented at the ACS Spring '24 & BMES Fall '24 conferences, resulting in multiple peer-reviewed publications. Cynthia also works as a valve & specialty applications engineering co-op at Control Southern and plans to earn a master's degree.

**Rose L. Genco, *Record No. 2031***

Rose is a civil engineering student at the University of Pittsburgh with a certificate in sustainability. She serves as PA Lambda Chapter vice president and as a Food Recovery Heroes member, volunteering in the dining hall packaging leftover food to be donated. Rose has a passion for music, playing both the piano and guitar, and plans to pursue structural design with a focus on creating efficient solutions, while working towards becoming a Professional Engineer.



Aidan C. J. George, Record No. 2032

Aidan majors in biomedical eng'g at the University of Massachusetts Lowell with a French Language & Culture minor. He's currently a systems eng'g intern at Werfen, validating & testing clinical hemostasis equipment. Aidan tutors on campus, serves as eNable Lowell president (a club focusing on prosthesis for children), and volunteers in the Lowell General Hospital as a licensed emergency medical technician. He plans to pursue a master's in plastics eng'g.

**Valeria Gonzalez, Record No. 2034**

Valeria is a biomedical eng'g student passionate about combining eng'g & medicine to improve human health. Originally from Mexico, Valeria has lived across the U.S., adapting to change while building a diverse academic foundation. Her experiences range from pharmaceutical operations at Megalabs to recently joining Medtronic as an R&D engineering intern in the Surgical Robotics Unit. A DI tennis student-athlete, she is also an executive SWE board-member.

**Solomon G. Greene, Record No. 2039**

Solomon is studying electrical engineering at Case Western Reserve Univ., where he's a teaching assistant, eng'g peer advisor, and competes on the varsity cross country and track & field teams. He previously served as Case Rocket Team treasurer, helping design the flight computer. Solomon holds a radio technician's license, currently interns at Peak Nano, developing smaller, more energy-efficient capacitors, and plans to apply his skills to improving infrastructure & energy efficiency.

**Shelby M. Gilson, Scribner No. 86**

Shelby is studying geological engineering at Colorado School of Mines and also pursuing a master's in humanitarian eng'g with a mining focus. She's had the opportunity to be involved in research related to environmental remediation of legacy mining sites in Zambia and urban mining with grassroots recycling collectives in Medellin, Colombia. After graduation, she plans to work in the mining industry in a role centered on social and environmental responsibility.

**Bethanie G. Gourley, Record No. 2036**

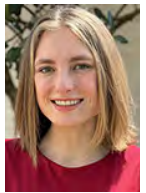
Bethanie is studying civil & construction engineering at the University of Arkansas at Little Rock. She's passionate about supporting efficient and sustainable public transportation systems. During the summer, she interns in the Transit and Rail department at HNTB in Dallas, where she engages with signals, system elements, and track design. After graduation, Bethanie plans to attend graduate school abroad to focus on railway engineering.

**Ava C. Gross, Record No. 2041**

Ava is a chemical & molecular engineering major at Stony Brook University and a part of an accelerated 5-year MBA program. She's also a part of the Women in Science and Engineering honors program and AIChE chapter vice president. Ava has conducted research on the use of carbon nanotubes in dielectric ink, wastewater management using gas hydrates, and electrochemical carbon capture. She plans to pursue graduate degrees and to become a research professor.

**Emily J. Gokie, Alabama Power No. 22**

Emily is a dual major in mechanical eng'g and physics at the University of Alabama. She is a Pathways Engineering intern at NASA's Johnson Space Center working on projects in the GN&C Autonomous Flight Systems branch. Emily conducts research on chip-scale atomic clocks in the Precision Navigation, Time & Frequency (PNT) group under Dr. Bandi, was selected a 2025 Goldwater Scholar for her research, and plans to pursue a Ph.D. in the field of PNT.

**Arnav Goyal, Record No. 2037**

Arnav is studying nuclear, plasma, and radiological eng'g at the Univ. of Illinois Urbana-Champaign and is also part of the Hoeft Technology and Management Program. He conducts plasma-material interaction research on the campus' fusion reactor, a hybrid tokamak/stellarator device known as HIDRA. He's interned at the Nuclear Regulatory Commission and Fuse Energy Technologies. Arnav enjoys working on the amateur rocketry team at his school, Spaceshot.

**Trevor J. Gross, Record No. 2041**

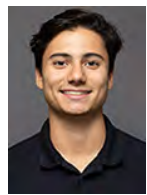
Trevor is studying computer science at the University of Florida. He serves as Florida Engineering Society president, supporting student professional development, and conducts research in the GATAS Lab on algorithmic coordination and optimization. With extensive experience in AI, Trevor aims to push the boundaries of computing and plans to expand his international experience through both his studies and future technological contributions.

**Adilei A. Gongora, Record No. 2033**

Adilei is a biomedical eng'g student at Rockhurst Univ., enrolled in the joint program with the Univ. of Missouri-Kansas City. As an aspiring innovator of low-cost medical technologies, prosthetics & rehabilitation devices, she is passionate about using engineering to improve healthcare accessibility in underserved communities. Adilei has conducted research related to 3D printing, is student senate president, and involved in international student mentorship.

**William Granci, Record No. 2038**

William attends the Catholic University of America, pursuing a civil engineering degree with a structural concentration. He serves on the DC Beta Chapter, Italian club, and club lacrosse boards. William is also ASCE student chapter president and passionate about professional engagement. Through his experience with the ASCE Concrete Canoe Competition and internships with Whiting-Turner and EwingCole, he's developed a greater interest in problem-solving and design.

**Jeffrey Guiette, Record No. 2042**

Jeffrey is a senior in electrical engineering at the Univ. of Colorado Denver, where he conducts research in the magnetic materials lab. He plans to pursue a master's degree specializing in computational electromagnetics and antenna design. His long-term goals include contributing to fusion energy development and helping launch a device or experiment into space. Jeffrey enjoys paddle boarding, reading science fiction & fantasy, and riding his bicycle around the city.

**Matthew G. Gonzales, Record No. 2034**

Matthew is an honors electrical engineering student at the University of Oklahoma. This year, he'll serve as OK Alpha Chapter president, work as a student tutor for the Engineering Broader Impacts Program, and serve as OU Engineers' Club president. He's completed summer internships at the Kansas City National Security Campus as a reverse eng'g intern and at Texas Instruments as an applications engineering intern. Matt plans to obtain his master's at OU's Advanced Radar Research Center.

**Caleb S. Gray, Stabile No. 1447**

Caleb, from Casper, Wyoming, will be starting his senior year of his B.S. in mechanical engineering at the South Dakota School of Mines and Technology. He is SD Alpha Chapter project director, and helps out at his church with Sunday School and AWANA. Caleb enjoys the outdoors and railfanning & model railroading. This summer, he interned with Kiewit at their Buckskin Coal mine in Wyoming as an equipment engineer.

**Vara Qi Gunananthan, Record No. 2043**

Vara is a materials science & eng'g and applied math & statistics double major with a minor in energy at Johns Hopkins Univ. She serves as MD Alpha Chapter president and leads a sponsored design team aimed at inventing a novel sutureless mitral valve prosthesis. She's conducted research in reinforcement learning for soft-matter systems and high-strength aluminum alloys and neuromorphic computing at Lawrence Livermore Lab. She's passionate about sustainability and hopes to attend Ph.D. programs in biomimetic materials.



Jonathan A. Gunasekaran, Record No. 2044

Jonathan is majoring in electrical eng'g at Auburn Univ. with a wireless specialization and computer science minor. He's served as a peer tutor and will serve as IEEE-HKN chapter president, while also completing a research fellowship in signal processing for VLF remote sensing applications. Jonathan has interned at Leidos Dynetics the past three summers working on algorithm development for a phased-array radar system. He aims to pursue graduate studies in applied electromagnetics and signal processing.

**Adah V. Harding, Dodson No. 102**

Adah is a Univ. of Maryland, Baltimore County (UMBC), mechanical eng'g major with a music minor. She's completed research experiences, spanning diverse topics such as photoacoustic imaging, pediatric exoskeletons, and platelet biomechanics. Adah serves as president of both the club swimming team and the UMBC Peer Mentoring Program, leading initiatives that foster community & student development and plans to pursue a career in biomedical eng'g research.

**Dominic C. Heater, Stabile No. 1448**

Dominic is pursuing a mechanical engineering degree with an interest in HVAC systems and mechanical component design. He serves as MO Delta Chapter vice president and works part-time while supporting his family. Dominic is a design eng'g intern at Custom Truck One Source, contributing to the development of specialized truck equipment. He recently passed the Fundamentals of Engineering exam, is on track to pursue P.E. licensure, and work in the building systems industry.

**Ritika R. Gurjar, Record No. 2045**

Ritika is majoring in computer eng'g with a minor in computer science at Northeastern University. She's a member of the honors college, Eta Kappa Nu, and is electrical lead of the Mitosis team for Northeastern Robotics. Ritika completed her first co-op at MIT Lincoln Lab and her next will be at Symbiotic LLC. She teaches Indian classical dance, choreographs/performs in shows to raise money for charities, and hopes to complete a master's in robotics.

**Brian P. Hargis, Pasadyn No. 3**

Brian is a chemical engineering major at Cleveland State University, maintaining a 4.0 GPA and conducting research under Dr. Metin Uz, developing nanoparticle-based biomaterials for targeted cancer therapies. He's active with OH Epsilon and the Choose Ohio First STEM Scholars program, collaborating on projects like Smart Bridge technology and presenting findings at symposiums. Brian will serve as an engineering peer tutor and is an advocate for sustainable innovation.

**Alyssa M. Hicks, Record No. 2050**

Alyssa is studying chemical eng'g with a minor in data science at the Univ. of Washington. She taught herself to code in middle school, which led to an internship at Hopscotch Technologies. Alyssa researches vapor phase infiltration of polymeric membranes to improve energy-efficient chemical separations and is co-authoring a forthcoming research paper. She serves as an AIChE and ChemE Brew club officer, interns at Micron Technology, and plans to work in sustainability.

**Katelyn R. Gyurich, Record No. 2046**

Katelyn is double majoring in paper engineering and chemical eng'g at Western Michigan University. She's very involved within the paper engineering program and serves as the Tsai Lun student organization president for the 2025-26 school year. In addition, Katelyn is part of the honors college and spends a lot of her time volunteering at the local animal shelter. She hopes to work within the paper industry doing research and development.

**Christopher A. Hariman, Forge No. 173**

Christopher is studying electrical engineering at the Univ. of California, Santa Barbara. His interest in neuroscience led to his contributions in developing a new system for closed loop experiments. He's been implementing a miniaturized scanning microscope project with a Ph.D. student in Theogarajan's lab, previously interned at Vishay & Hyphen, and this summer interned at Marvell. Christopher plans to pursue an M.S. with an emphasis in communications and signal processing.

**Eleanor L. Holtermann, Record No. 2051**

Eleanor is a biomedical eng'g student at Johns Hopkins University, where she leads a design team focused on improving pediatric hemorrhagic shock recognition and serves as a teaching assistant for the applied math department. Eleanor is passionate about her research leveraging base editors to deconvolve changes in the epigenome over time. She's further exploring her research interests in genomics as an intern at EPFL this summer and plans to pursue a Ph.D.

**Alfred M. Hale, Record No. 2047**

Alfred, a senior in the honors program at Texas A&M University, is majoring in electrical engineering with minors in mathematics and computer science. He's considering continuing his education with a master's in EE in order to pursue his interest in circuit design. Alfred's research includes photonic integrated circuits for biometrics and his most recent internship was in the aviation department at Garver in Frisco, TX.

**Sophia I. Harrill, Soden No. 32**

Sophia is an honors thesis candidate at Lafayette College majoring in chemical eng'g. She recently completed a process eng'g internship at Air Products and hopes to work in the pharmaceutical or chemicals industry as a process engineer in development/manufacturing. Sophia serves as AIChE chapter co-president and as PA Epsilon Chapter vice president. Passionate about sustainability, she conducts research on biodegradable polyesters made from birch bark.

**Alana J. Howard, Record No. 2052**

Alana is a senior chemical engineering student at South Dakota Mines. When not studying, she competes on the Mines' Varsity Cross Country and Track & Field teams. Alana also enjoys serving as her school's regional SAAC representative and chapter president. She's also a member of AIChE, the Swing Dance club, and the Newman Club. After graduation, Alana wants to become a process development engineer with a focus on pilot scale research in the bioethanol industry.

**Kameron M. Hancock, Record No. 2048**

Kameron is a civil engineering major at the University of South Alabama (USA). This summer, he's a structural eng'g intern at Hargrove Engineers & Constructors. Kameron is AL Epsilon Chapter historian, a member of the ASCE student steel bridge team, and plays the trumpet in the USA Jaguar Marching Band. After graduation, Kameron hopes to study structural eng'g and eventually become a licensed professional engineer.

**Megan M. Harrison, Record No. 2049**

Megan is an engineering physics major at the University of Illinois at Urbana-Champaign, with minors in mathematics and Spanish. She serves as IL Alpha Chapter president and K-12 outreach coordinator. Megan conducts research focused on optical & x-ray variability of active galactic nuclei and is a physics dept. peer mentor. She's also a head engineering learning assistant for the Engineering 100 program and plans to pursue a Ph.D. in astrophysics.

**Anna D. D. Hsu, Nelson No. 3**

Anna is studying computer engineering and computer science at the University of Southern California (USC). On campus, she is a Viterbi Student Ambassador and a TA. Outside of engineering, she writes for USC's computer science department and copy edits for a newsletter called "Morning, Trojan." Anna has interned at Apple twice and hopes to continue building user experiences and telling stories after graduation.



Daniel J. Hurley, Spirit of Apollo No. 12

Daniel is an aerospace engg student at Mississippi State Univ. He's an MS Alpha Chapter officer, serves as AIAA August Raset chapter president, gives tours for prospective students as a COE Ambassador, plays ultimate frisbee for Darkhorse Ultimate, and leads a team of his peers in satellite design as chief engineer of MSU CubeSat. After graduation, Daniel plans to pursue a master's degree and then work for a company operating on the leading edge of the industry.

**Jason W. Jaquith, Record No. 2054**

Jason is studying materials science & engineering at the University of Florida with minors in physics and Japanese language & literature. They have just finished a semester at Nagoya University in Japan, and their main passions lie in optical physics and materials characterization. Jason is involved in the Butala Research Group, conducting sparse-data machine learning, worked two summers at SLAC National Accelerator Lab, and will pursue a Ph.D. in x-ray mat. charact.

**Paige C. Jordan, Record No. 2056**

Paige is studying biomedical engg at Purdue University. She serves as AEM's Beta Chapter VP and works as a TA in the School of Biomedical Engineering, mentoring students in engineering design & lab techniques. Her research at the IU School of Medicine focuses on fracture healing and multiplex imaging of murine bone marrow, providing insights into the spatial relations of the hematopoietic and vasculature BM niches. She plans to pursue a grad degree to advance innovation in biomechanics.

**Brian Hwang, Record No. 2053**

Brian is studying electrical engineering and education studies at Brown University. He is passionate about STEM education and serves as a TA for engineering classes at Brown and a monitor for the Brown Design Workshop. Brian has developed familiarity with the construction industry through internships with DPR Construction and EIG Electrical Systems. He also enjoys playing badminton and is the captain of the club badminton team at Brown.

**Rylee M. Jarmolych, Record No. 2055**

Rylee is a civil engineering student at the University of Florida (UF). She's involved in Chi Epsilon, Alpha Delta Pi, and is a proud *big sister* for Big Brothers Big Sisters of America. Rylee serves as engineering team lead for the UF chapter of the Ukraine Rebuilding Initiative, guiding her team in the establishment of a bomb shelter and installation of a water pump in war-affected cities. Rylee plans to pursue a master's and begin her career in water infrastructure.

**Andrew Jung, Record No. 2057**

Andrew is a junior biomedical engineering major at the University of Texas at Austin. He currently does research on gene delivery in Dr. Evan Wang's lab and is a member of Engineers for a Sustainable World's Direct Air Capture team, where he works on designing carbon capture systems. After graduating, Andrew plans to pursue a graduate degree then enter the medical device industry, specifically, designing and manufacturing prosthetics.

**Salvin Ikedife, Stabile No. 1449**

Salvin is majoring in mechanical engg at Rutgers Univ. and currently works as a product engineering intern at John Deere's R&D Center. He serves as National Society of Black Engineers external VP and as NJ Beta Chapter public relations chair. Salvin has been recognized for academic & leadership excellence, winning first place in the 17 Rooms Sustainability Entrepreneurship Competition, as an Academic Technical Bowl Finalist, and plans to pursue a graduate degree.

**Anika M. Jena, Forge No. 167**

Anika is a chemical engineering student and soft matter researcher at the University of California, Santa Barbara. She's a Barry Goldwater Scholar and studies how to develop & scale fluid system processes from lab bench development to large scale distribution. At the Fyngenson Lab in UCSB Physics, Anika engineers DNA-based condensates and supramolecular polymers. She plans to pursue a Ph.D. and aspires to develop materials and fabrication methods at the nano and micron scales.

**Kathryn D. Kalchik, Record No. 2058**

Kathryn is a Tier One Scholar majoring in chemical engg with a Spanish minor at the Univ. of Houston. She serves as TX Epsilon Chapter president and a TA for freshman engineering courses. Kathryn interned in automotive manufacturing with Inteva Products and spent 12 weeks studying abroad last summer in Buenos Aires. She participates with campus organizations such as SWE, AIChE, Phi Kappa Phi, and plans to discover her passion by going straight into industry.

**Robert J. Jacob-Smigelski, Stabile No. 1450**

Robert is a mechanical engineering major with a leadership minor at the University of Minnesota Twin Cities. He serves as ASME chapter co-president, and is a member of the Steering Sub-team for the Solar Vehicle Project. Each summer, Robert gains experience through various internships. He began as a project engineering intern at HaF Equipment and then as a quality engineering intern at Coloplast. His ultimate goal is to become a manager at an engineering firm.

**Brett W. Jones, Stabile No. 1451**

Brett is majoring in mechanical engg at the University of Wyoming with minors in mathematics and engineering honors. He's an Undergraduate Research Fellow with experience in hyper-sonic flow and aerodynamic heating on swept-edge wedges. For his senior design project, Brett and teammates developed a composite ground effect downforce device for Wyoming Motorsports' Formula Hybrid & Electric vehicle. He also serves in student ministry leadership at St. Paul's.

**Ashley H. Kang, Record No. 2059**

Ashley is a chemical & life science engg major at Virginia Commonwealth University. She's participated in leadership roles as VA Epsilon Chapter recording secretary and AIChE student chapter vice president. Ashley was a product development intern at Haleon working on the innovation of TUMS school. Passionate about healthcare accessibility, Ashley volunteers at the local hospital, researches semi-conductor nanoparticles, and plans to pursue a Ph.D. focused on immunoengineering.

**George J. Jamaldinian, Dodson No. 103**

George is studying electrical engineering at the University of Maryland in the combined B.S./M.S. program. He has researched solid-state sodium symmetric battery cells for over a year, and has interned as a renewable energy engineer connecting energy storage with renewables generation. George plans to continue pursuing graduate studies in solar and power electronics, followed by a career with efforts to make the world a cleaner place for generations to come.

**Xanne F. J. Joppe, Dodson No. 104**

Xanne is a petroleum engineering senior with dual minors in sustainable energy and energy management at the Univ. of Texas at Austin. She will serve as TX Alpha Chapter president for fall 2025 after serving as VP - internal for three consecutive semesters. Xanne's goal is to enter the offshore drilling industry to learn more about deepwater drilling practices and work on offshore rigs across the globe. She enjoys learning about global cultures, traveling, writing, and photography.

**Jaron M. Kawamura, Nelson No. 4**

Jaron is studying biomedical engineering at the University of Southern California with an environmental health minor. As a member of the Irimia Lab, he fine-tunes deep neural networks to study the effects of metabolic risk factors on brain aging in MRI scans. Jaron serves as Associated Students of Biomedical Engineering chapter president, offering mentorship & community outreach and hopes to pursue medical school to integrate interests in deep learning tools and patient care.



Joyce Ke, *Stabile No. 1452*

Joyce is a mechanical engineering student at Rensselaer Polytechnic Institute (RPI). Through the federal work-study program, she's been a librarian and lab assistant in the RPI ProFab facility helping students operate CNC equipment. Joyce also participated in research on structural health monitoring, interned at HRL Laboratories, is a SASE mentor, and took part in the UPWARDS program at Nagoya Univ., supporting U.S.-Japan semiconductor collaboration.

**Taiyo A. Kobayashi, *Stabile No. 1454***

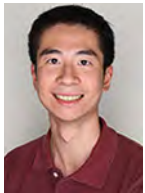
Taiyo is a San José State University student majoring in mechanical engineering with a computer science & robotics minor. He's CA Eta Chapter treasurer and interested in robotics and mechatronics, mainly the application of eng'g in medical devices and extended reality. Taiyo has experience working with Spartan Racing Electric and the ASME e-HPVC project team. He plans to study abroad and engage in the development of humanoid or assistive robots.

**Gregory Lucas Lanting, *Record No. 2065***

Lucas is pursuing B.S. and M.S. degrees in electrical eng'g at Northwestern University. He serves as IL Gamma Chapter vice president and IEEE-HKN chapter president. In his third year of research at Argonne National Lab, Lucas designs and tests custom PCBs for real-time vehicle state estimation. He is drawn to control and decision-making under uncertainty in stochastic, dynamic systems — aligning closely with the challenges found in financial markets.

**Joshua Z. Khaw, *Forge No. 166***

Joshua is a biomedical engineering student at the University of California, Irvine, minoring in materials science & eng'g. He serves as CA Tau Chapter company outreach chair, Alpha Eta Mu Beta president, and is part of the ministry team at Reformed Univ. Fellowship. His research focuses on laser-based medical technologies, including experimenting with minimally invasive therapeutic devices. This summer, he was a manufacturing engineer intern at huMannity Medtec.

**Jacob A. Kommalan, *Record No. 2062***

Jacob is pursuing civil engineering at Louisiana State University. He's interned the past two years as a structural engineering intern at Sargent & Lundy, working on electrical substations. Jacob is Chi Epsilon chapter president and also holds numerous OSHA construction certifications and believes that safety should be emphasized by more construction companies. He highly anticipates concluding his studies at LSU and looks forward to what is in store for his future.

**Madeline M. Larkin, *Record No. 2066***

Madeline is majoring in software engineering at Auburn Univ. with an international business minor, which she completed in Milan, Italy. She recently interned as a software development engineer at The J.M. Smucker Co., creating an interactive training game. Maddie works as a tutor, previously served as a research assistant in biomechanics exploring nanomaterials, and is Delta Zeta Sorority president. She's passionate about global engagement and creative expression with hopes of working in the tech industry.

**Sydney S. Killilea, *Record No. 2060***

Sydney is a computer engineering student at the University of Minnesota, Twin Cities. She serves on the board of both the IEEE-HKN chapter and IEEE Women in Engineering. This summer marks her fourth internship with Medtronic, contributing to the software dept. by developing critical enhancements to relay monitors. Passionate about advancing healthcare through technology, Sydney plans to continue her work in the medical device field.

**Allison M. Korpi, *Record No. 2063***

Allison is a chemical eng'g student at Trine Univ. She's the local SWE chapter president, active member of AIChE and Chi Omega Epsilon, a chemistry tutor, and varsity figure skater. As a researcher, Allison has engaged in several projects, including one funded by the Indiana Space Grant Consortium, creating an in vitro skin model in hypoxic conditions. She's interned at POET, plans to engage in international sustainable agriculture research, and pursue a Ph.D.

**Andy D. Le, *Stabile No. 1445***

Andy is a mechanical engineering major at Calif. State Poly. Univ., Pomona, with a minor in mathematics. His goal is to research & develop advanced robotics like those at Boston Dynamics. Andy has worked on numerous robot projects including an autonomous unmanned ground vehicle for Northrop Grumman, presented at conferences, and given live demonstrations. He's ASME chapter social chair, honors college member, and plans to attend graduate school and work in a research lab.

**Andrew J. Kim, *Record No. 2061***

Andrew is studying materials science & engineering at Johns Hopkins Univ. He works as a researcher in the Weihs Lab studying biodegradable magnesium alloys, is an Advising Fellow in Matriculate, and also a consultant in NEST strategies. Andrew has held internships at the Johns Hopkins University Applied Physics Lab and at EPFL, and hopes to pursue a Ph.D. in materials science with a focus in metallurgy. He enjoys rock climbing and trying new foods.

**Priyanka Kumar, *Record No. 2064***

Priyanka is a chemical eng'g student at the University of Massachusetts Lowell. She is a member of organizations such as Alpha Lambda Delta, American Chemical Society, and Institute of American Chemical Engineers. Priyanka's also part of a nanoparticle research lab studying the photothermal properties of polymer and synthesized nanoparticle mixtures. A process engineering intern at Johnson & Johnson MedTech, she'll start a master's to work in pharmaceuticals.

**Alexandra M. Leavitt, *Stabile No. 1370***

Alexandra is a senior at the University of Utah double majoring in computer engineering and applied math. A member of the honors college, she's also an ACCESS scholar and mentor. Alexandra is interested in exploring the intersection between technology and medicine and currently conducts research on the surgical applications of micro-continuum robots. After graduation, she plans to pursue a Ph.D. to continue research in this area.

**Sophia J. Klymchuk, *Stabile No. 1453***

Sophia is a senior mechanical engineering major at The Cooper Union for the Advancement of Science and Art, where she serves as NY Iota Chapter president. On campus, she works as a math tutor and in the computer lab. Sophia is interested in robotics & controls, and plans to pursue a graduate degree in the same field. In her free time, she enjoys cooking and rock climbing with friends.

**Ryan P. Kuo, *Forge No. 176***

Ryan is a fourth-year student at the University of California, Berkeley studying materials science & engineering as well as electrical eng'g and computer science. His interests focus on additive manufacturing and the electronic properties of materials. He is currently conducting lattice research with the Gu Lab at Berkeley. After graduating, Ryan plans to pursue a Ph.D. in materials science. Outside of academics, he enjoys playing soccer and rock climbing.

**Thalia P. Lee, *Stabile No. 1371***

Thalia is an honors aerospace engineering student with a minor in mathematics at Syracuse University. Her research centers on computational fluid dynamics, with a focus on modeling how urban infrastructure influences air speed, pressure, and temperature in city environments. She's a member of the Syracuse chapters of AIAA, SWE, Sigma Gamma Tau, and Phi Kappa Phi. Thalia plans to pursue an M.S. with the goal of applying her skills to challenges in fluid mechanics & system design eng'g.



Abigail C. Leon, *Stabile No. 1372*

Abigail is majoring in biological engineering at the Univ. of Florida (UF) with a specialization in biosystems engg. As a researcher and member of UF's iGEM team, she's passionate about addressing complex challenges in environmental, human & agricultural systems. This summer, she's interning with FDOT's planning and environmental management office and will be conducting research abroad in England. She hopes to pursue a career in sustainability or pursue a master's.

**Luana Liao, *Stabile No. 1373***

Luana is a computer science major at Columbia Univ. with interests in intelligent technologies and user-centered design. She'll be interning at Google as a software engineer and previously interned at Apple, contributing to mobile app development for watchOS. Luana serves as a TA, board member for Columbia's Women in Computer Science, and integrates her technical and creative passions through illustrating for the *Columbia Science Review* and performing traditional Chinese dance.

**Jack A. Libow, *Stabile No. 1374***

Jack is a biomedical engineering student at Worcester Polytechnic Institute. He serves as MA Alpha Chapter and Alpha Eta Mu Beta chapter secretary. Jack is interning at AbbVie in the technical development program and has previously done research at WPI's musculoskeletal biomechanics lab. He hopes to work in either the medical device or pharmaceutical industry, is excited to contribute to the field of biomedical engineering, and enjoys being part of the powerlifting club.

**Caitlin M. Lien, *Stabile No. 1375***

Caitlin is a civil engineering student at Oregon Tech with a foundation in academics and hands-on experience. She's worked with Oregon DOT as a land surveyor and interned with NKRI Architecture and Engineering. This summer, she interned with Anderson & Perry. Caitlin serves as OR Delta Chapter vice president, ASCE Concrete Canoe team captain, and COE student ambassador. She is passionate about transportation engg and hopes to join a company with diverse projects.

**Annabelle M. Liu, *Forge No. 168***

Annabelle is studying civil engineering at the University of California, Berkeley. She serves as an outreach officer for SWE and enjoys volunteering to inspire the next generation of female engineering leaders. This summer, Annabelle is interning at Kimley-Horn as a civil engineering intern on the Intelligent Transportation Systems team. She holds leadership roles in clubs such as Steel Bridge competition team, Chi Epsilon, and Golden Gate Science Olympiad and plans to pursue a graduate degree in civil engineering.

**Bryan Liu, *Forge No. 170***

Bryan is hoping to go into environmental engineering in the near future. One of his dreams is to use technology and robotics to clean up the ocean. For now, Bryan has joined a few engineering clubs including, a tiltrotor modular airframe drone, autonomous rescue vehicle, and DDoS mitigation on AWS Firewall. He's also working on his senior design project in GPS Mesh System to create an algorithm that will work in a wide variety of applications and hopes to publish his findings in IEEE, if it works.

**Jonathan J. Liu, *Stabile No. 1376***

Jonathan is a rising senior studying computer science in SEAS at Columbia University. While at Columbia, he's been a part of computer science research, the lightweight rowing team, and the Phi Gamma Delta fraternity. After graduation, Jonathan hopes to pursue a career in building and improving intelligent systems, as an engineer or a researcher.

**Leo Liu, *Stabile No. 1377***

Leo is a senior majoring in materials science & engg at the University of Wisconsin-Madison. He serves as WI Alpha Chapter vice president and as membership chair for the Materials Advantage/American Foundry Society student chapter. A McNair Scholar and Theodore D. Tiemann Undergraduate Scholarship recipient, Leo is passionate about polymer and soft materials research and plans to pursue a master's degree in the coming year.

**Lena M. Lopes, *Stabile No. 1378***

Lena is a chemical engineering major at Stevens Institute of Technology. She's done research on transition metal materials and catalyst coated polymers using various synthesis & characterization techniques for battery applications. Lena is a summer professional enrichment intern at Evonik in their oil additives group, where she is responsible for equipment installation, calibration, and testing. She is NJ Alpha Chapter vice president and Omega Chi Epsilon chapter president.

**Rebecca N. Lu, *Dodson No. 105***

Rebecca is a senior studying bioengineering at the University of Maryland with a data science minor. She currently serves as MD Beta Chapter president and is vice president of internal affairs for the bioengineering honor society. Rebecca is involved in research on the biophysical properties of lymph nodes, works as a teaching assistant, and co-leads the wet lab team of UMD's iGEM. After graduating, Rebecca plans to pursue a career in the biotechnology industry.

**Katarina B. Luker, *Brems No. 32***

Katarina is pursuing dual B.S. degrees in aerospace and mechanical engineering at the University at Buffalo. She serves as president of UB Women of Aeronautics & Astronautics, secretary of SWE, and member of students for exploration and discovery of space. Katarina is interning at L3Harris and previously interned at Moog Space and Defense. She's a student engineering seminar leader, researcher in the Space System Dynamics Control lab, and aspires for a career in space research.

**Rachel E. B. Luner, *Stabile No. 1379***

Rachel is a senior biomedical engineering and computer science major at Duke University in North Carolina. She conducts research on dysferlinopathy at the Bursac lab, specifically analyzing the molecular mechanisms behind skeletal muscle injury and regeneration in engineered human muscle tissue. Rachel is currently working as a diabetes systems engineering intern at Medtronic.

**Carter O. Malone, *Stabile No. 1456***

Carter is majoring in mechanical engineering at the University of North Dakota. As vice president of the university's VEX Robotics team, he focuses on automation and robotics and leads design & programming with a specialization in robot kinematics. Carter also coaches a local school's VEX program and is involved with tournaments across Minnesota & North Dakota. After graduation, Carter hopes to use his skills in robotics, kinematics, and automation to the fullest.

**James E. Manuel, *Stabile No. 1380***

James is a senior chemical engineering student at Texas A&M University. He's an Engineering Honors Ambassador as well as part of the Engineering Honors Executive Committee. James is involved in the Leadership Program at Texas A&M and a member of Kappa Upsilon Chi, a service-oriented fraternity. After completing two internships in the upstream and midstream oil & gas industries, he plans to pursue a master's degree and work in the energy sector.

**Emmaline A. Marion, *Farmer Family No. 2***

Emmaline is an architectural engineering student at Oklahoma State Univ. with a design studies minor. She's received multiple academic honors, including an honorable mention for second-year architectural engg students and a "Top Grade" award in her first-year architectural studio course. Emmaline plans to take the FE exam and pursue professional licensure. Long-term, she aspires to gain experience at an architecture firm, aiming to blend technical precision with creative vision.



Rebekah G. Martin, Stabile No. 1381

Rebekah is a biomedical engineering major at the University of South Carolina. She's passionate about the intersection of medicine and engineering and is involved in research focused on drug development for Acute Myeloid Leukemia. A McNair Scholar, peer leader, and regular volunteer at a free medical clinic, Rebekah's experiences have fueled a desire to pursue a dual M.D. and eng'g graduate program, where she hopes to combine clinical care with innovative design.

**Kyra L. McCracken, Stabile No. 1385**

Kyra is a senior at the University of Rochester majoring in biomedical engineering with a concentration in biosignals and biosystems and a minor in Spanish. She serves as a resident advisor supporting first year students living on campus. Kyra has conducted research with her university's ultrasound department and has interned at the UR Motion Lab and Hologic. She is passionate about improving medical devices and is excited to enter industry after graduation.

**Konstantine A. Mendrinos, Stabile No. 1386**

Konstantine is a civil eng'g major at Manhattan College with a minor in finance. He's pursuing a structural engineering career with an interest in bridge design and transportation infrastructure. Konstantine works as a structural eng'g intern at AECOM assisting in the design of railroad/highway bridges and retaining walls. He is involved in research on AI-assisted teaching methods through an NSF-funded project, has earned multiple scholarships, and enjoys volunteering at his church.

**Shelby "Nyx" E. Mashkow, Stabile No. 1382**

Nyx is a materials science and engineering student minoring in chemistry at Clemson University. They are a Goldwater recipient and serve as Material Advantage chapter president. Nyx has done research on smart textiles, self-healing polymers, and is currently spending the summer as a research assistant in the Arthropod Inspired Materials and Surfaces Lab exploring the tensile behavior of antennae. After graduating, they plan to pursue a Ph.D. with a focus on bio-inspired material innovation.

**Catherine N. McGuire, Stabile No. 1458**

Katie is studying mechanical eng'g at the University of Pittsburgh with a materials science minor and innovation, product design & entrepreneurship certificate. She was previously PA Lambda Chapter president, is an engineering tour guide, and Pi Tau Sigma member. Katie is completing a third rotation as an electrotechnical co-op at MSA Safety, working on the supplied air respirator team. Due to experience developing firefighter equipment, she aspires to have a career in product development.

**Sadie S. Meyer, Stabile No. 1387**

Sadie, a 2024 Goldwater Scholar, is a biomedical engineering and mathematics student with a minor in chemistry at Syracuse University. Her research spans breast cancer data science, nanotechnology & biomaterials, with experience at Susan G. Komen, Northwestern Univ., and the Syracuse BioInspired Institute. She's conducted international research in Japan at the National Institute for Materials Science, is president of the NY Beta Chapter and Syracuse Hillel, and plans to attend medical school.

**Joshua P. Maxwell, Stabile No. 1383**

Josh is a senior aerospace engineering major and Spanish minor at the University of Texas at Austin. He serves as Longhorn Rocketry Association president and represents UT every year at the International Rocketry Engineering Competition. Outside of rocketry, Josh competes in competitive ballroom dancing through UT's Texas Ballroom club, dancing at the silver-gold level. Josh aspires to join a space exploration firm after graduation in order to change the world.

**Carter J. McKinney, Stabile No. 1459**

Carter is a mechanical engineering major and McNair Scholar at the Univ. of South Carolina. He's interning with Siemens Digital Industries Software, gaining experience in model-based systems eng'g. Carter serves as entrepreneurship club president and SC Beta Chapter vice president. He's conducted automated fiber placement manufacturing and coral reef conservation research, plans to pursue graduate studies, and work at the intersection of technology & strategy.

**Abigail F. Miller, Stabile No. 1462**

Abbey is studying mechanical engineering at Carnegie Mellon University with a business minor. She's the head mechanic for Fringe Racing, a team that competes in the CMU tradition of buggy. In her additive manufacturing lab, Abbey is designing a model that predicts the temperature distribution of printed parts when they are held at high temperatures. She is also a member of SWE and a TA for multivariable calculus. Abbey is interning at GE Aerospace and plans to pursue a graduate degree in aerospace eng'g.

**Ryan M. Mayhall, Stabile No. 1384**

Ryan is majoring in biomedical eng'g with a minor in biochemistry at the University of Arizona. He's served as a research associate with the Arizona Emergency Medicine Research Center and is engaged in research aimed at improving MRI atlas-based neuroanatomical parcellation for quantitative susceptibility mapping. Ryan has maintained a 4.0 GPA throughout his academic career and plans to pursue an M.D.-Ph.D. to advance modern healthcare as both an engineer and physician.

**Lydia M. Melaschenko, Stabile No. 1460**

Lydia is a mechanical engineering major at Merrimack College minoring in mathematics. She is MA Kappa Chapter secretary, ASME chapter treasurer, and member of the Honors Program Student Council. Additionally, Lydia tutors STEM students and has gained professional experience as a flight data analyst and aerospace engineering intern at APS Aerospace. She's currently a researcher in computational materials science and serves as co-captain of Merrimack's NCAA Division I Women's Basketball team.

**Arye S. Mindell, Forge No. 174**

Arye is studying electrical engineering with a computer science minor at Loyola Marymount University. His interests focus on digital signal processing and aerospace systems, particularly exploring machine learning applications to audio processing and navigation technologies. He serves as president of LMU Hillel and mentors peers through the LMU Lions for Recovery program. Outside of academics, Arye combines his technical expertise with creativity as a music producer and audio engineer.

**Sage B. McCann, Stabile No. 1457**

Originally from Boaz, AL, Sage is completing her degree with a double-major in mechanical eng'g and German at the Univ. of Alabama, along with a minor in liberal arts through the university's Blount Scholars Program. She's completed 1.5 years of co-op work experience at Mercedes-Benz U.S. International in several departments. While studying abroad in Germany, she completed an internship at Mercedes-Benz in the dept. Anlauffabrik (ramp-up factory) on project large-cars.

**Sierra D. Melass, Stabile No. 1461**

Sierra is on track for a bachelor's in mechanical engineering at Texas Tech University, with minors in electrical eng'g, aerospace, and mathematics. She is a leader in many organizations on campus such as Pi Tau Sigma, ASME, and TTU CHAARG, while also working in a research lab on campus. Sierra enjoys playing guitar, golfing, and traveling. After graduating, she aspires to work in the aerospace industry, either in project management or design.

**Michelle L. Mirabelli, Stabile No. 1388**

Michelle is working towards a degree in bioengineering & biochemistry at Northeastern University in Boston. She has completed two co-ops in the pharmaceutical industry, including as an engineer at Elektrofi and as an analytical chemist at Novartis Biomedical Research. This summer, Michelle started her final co-op at Alnylam Pharmaceuticals as a process engineer. She's eager to start her career and looks forward to finding an occupation in process eng'g within the pharmaceutical industry.



Matthew J. Moegling, *Stabile No. 1389*

Matthew is a chemical engineering student at the Univ. of Akron, where he researches in heterogeneous catalysis and will soon have 3 publications for his work. Matthew is a member of the chemical engg jeopardy team and has completed two internships with Avery Dennison & a co-op rotation with Swagelok. He plans to begin working as a process engineer, eventually becoming an enterprise leader for technical function within a business, while pursuing a M.S. degree.

**Kavita Murthy, *Stabile No. 1390***

Kavita is a biomedical engineering student at Columbia University, pursuing an entrepreneurship & innovation minor. On campus, she serves as Biomedical Engineering Society vice president, SWE community outreach lead, and a lab assistant for introduction to electrical engineering. For the past two years, Kavita has conducted research in the David Ho Lab, focusing on antibody-based strategies against HIV and malaria. She plans to pursue a graduate degree in biomedical engineering.

**Paul J. Nguyen, *Stabile No. 1395***

Paul is a chemical engg major at the University of South Alabama. He's active in research, interning through the NSF-REU (Princeton Univ.) and the Fulbright Canada-Mitacs internship (Carleton Univ.). His primary interests lie in computational materials research, and his work in molecular dynamics simulations for biomolecular condensates won the national Goldwater Scholarship. He's served as a Society of Asian Scientists & Engineers officer and maintains a competitive track record in piano.

**Hanna N. Mofid, *Forge No. 171***

Hanna is double majoring in electrical & computer engg at the Univ. of California, Irvine. She has interned at Nvidia for three years, working on conversational AI and is a research assistant in the UCI Social and Technological Action Research Lab. Her research focuses on human centered AI & human/computer interaction. Hanna has co-authored three papers (*UbiComp* and *Journal of Child & Family Studies*), is passionate about supporting women in STEM, and founded CodeHERS, to inspire girls in CompSci.

**Benjamin E. Nachod, *Stabile No. 1391***

Ben is a bioengineering student at UPenn with a minor in chemistry. He conducts research in the Mitchell Lab, developing lipid nanoparticle platforms to modulate immune responses for autoimmune disease therapies and in the Momin Lab, engineering immunocytokines to address cardiovascular disease. Ben founded the Penn Immunology Club, is president of the club swim team & volunteers with We can Swim! providing swim lessons, and plans for an MD-Ph.D. to continue his immune engg research.

**Kailana M. Nishiura, *Forge No. 169***

Kailana is a civil engineering major specializing in transportation and mining in urban & regional planning at the University of California, Irvine. She's incoming Institute of Transportation Engineers chapter president and an engineering intern at Harris & Associates. Kailana is interested in pursuing a master's and obtaining her engineering licenses to support her ambitions related to people-focused infrastructure. She continues to be active in UCI's Japanese Drumming Ensemble, Jodaiko.

**Alana N. Moretti, *Stabile No. 1463***

Alana is pursuing a mechanical engineering degree at Worcester Polytechnic Institute with a concentration in design engg. She serves as ASME chapter vice president, fitness club president, and Pi Tau Sigma member. Her internship experience includes SUBMEPP, contributing to submarine reliability efforts and HiRel Infineon Technologies, leading special projects in semiconductor R&D for space applications. Alana plans on an M.S. in mechanical manufacturing design and supports STEM engagement through Girls Inc.

**Vedant K. Naik, *Stabile No. 1392***

Vedant is pursuing electrical engineering at Michigan State University, concentrating on robotics & automation. His coursework spans embedded systems and control theory with current research on closed-loop control of a custom six-degree-of-freedom blimp robot for agile outdoor autonomy. Vedant leads the electric drive systems for MSU Solar Racing, mentors hackathon teams, and supports K-12 STEM outreach. He intends to pursue Ph.D. research in control of autonomous systems.

**Morgan E. Novean, *Stabile No. 1396***

Morgan is a computer engg student at the University of Cincinnati with an embedded systems minor. She's completed five co-op rotations, including three with Northrop Grumman & one at Performance Electronics, gaining hands-on experience in embedded development & systems engineering. Morgan is captain of the Women's and Non-Binary Club Ultimate Frisbee team and active member of Themed Entertainment Assoc., exploring the intersection of engineering and immersive experiences.

**Elizabeth D. Mui, *Stabile No. 1464***

Elizabeth is double majoring in mechanical and aerospace engineering at the Univ. of California, Irvine. She serves as assistant project manager for UCI's Design/Build/Fly team, which competes internationally. Elizabeth co-authored an article in the *Journal of Chemical Education*, has been recognized as a UCI Endowed Scholar and Sigma Gamma Tau Scholar, and is returning this summer for her second internship in the structural engg department at Northrop Grumman.

**Manoj Nath Yogi, *Stabile No. 1393***

Manoj is a first-generation senior at Howard University from Achham, Nepal, majoring in computer science with minors in mathematics and economics. He conducts research at the intersection of artificial intelligence, energy, and policy. As a STAR research intern at the NREL national lab, he optimized bioenergy systems using machine learning. Manoj is interning at Dell Technologies, a fellow of Break Through Tech AI, and an Interfaith America's BRAID Fellow with graduate study plans in machine learning.

**Angelica M. Nowak, *Stabile No. 1466***

Angelica is majoring in mechanical engineering with a minor in film & media studies at Bucknell University. Her interests lie in mechanical design and manufacturing processes. She's a Gold Award Girl Scout and takes pride in community involvement and development of leadership skills. As such, Angelica serves as SWE chapter president and chair of the Mechanical Engineering Dept. Executive Board. She has interned with Schott AG and JLG Industries, Inc., with plans to take the FE exam and pursue a master's degree.

**Sean W. Muller, *Stabile No. 1465***

A passionate captain of Gator Theme Park Engineering & Design's Technical design teams and a contributor to the RoboPI field robotics lab, Sean is a mechanical engineering student at the University of Florida. He's led four technical design teams, focusing on diverse aspects of theme park engineering: ride design, loading platform control systems, and interactives. He's served as Pi Tau Sigma chapter vice president, completed two summer internships at Lockheed Martin, and is an active rock climber on USA Climbing's collegiate circuit.

**Elizabeth M. Ngo, *Stabile No. 1394***

Elizabeth is a senior at the University of Minnesota-Twin Cities studying biomedical engineering with an emphasis in medical devices design. She's currently doing cardiology research, studying the role of the intestinal microbiome and mycobiome in pulmonary arterial hypertension. She is MN Alpha Chapter president and mentors underclassmen engineering students. After graduation, she plans to pursue graduate school in biomedical engineering.

**Zeynep I. Orucu, *Stabile No. 1397***

Zeynep is studying chemical & biomedical engineering with a minor in business administration at Carnegie Mellon Univ. She's completing an integrated master's degree in chemical engg and involved on campus as PA Gamma Chapter president, AIChE vice president, pitch lead for her school's ChemE Cube team, and a member of Kappa Alpha Theta. Zeynep interned at Merck, gaining experience in pharmaceutical manufacturing and is interested in applying engineering to real-world problems.



Hetik S. Pabrekar, Stabile No. 1398

Hetik is an aerospace & mechanical engineering student passionate about the dynamics of flight and control systems. He began his journey by tutoring 500+ students, which inspired his commitment to simplifying complex concepts. Hetik has also led SolidWorks design workshops and organized career development sessions for first-year students. He plans to pursue a Ph.D. to deepen his expertise and contribute to innovative research in aerospace engineering.

**Jade D. Pappas, Beans No. 3**

Jade is a senior majoring in computer science & engineering at The Ohio State University. She's served as a teaching assistant for a course in low-level programming & computer organization, and is currently working as a software engineering intern at JPMorgan Chase & Co. Jade is passionate about using technology to make a meaningful impact in communities and drive innovation. She plans to pursue a career as a software engineer in industry.

**Ronan C. Peach, Stabile No. 1402**

Ronan is a senior studying biomedical engineering on the pre-medicine track at the University of Iowa. Outside of classes, he works as a teaching assistant & tutor and recently joined the triathlon club (he's really bad at swimming). After graduating, Ronan plans to take a gap year before going to medical school, where he hopes to become a surgeon.

**Khaleb L. Pafford, Stabile No. 1467**

Khaleb is a mechanical eng'g major at the University of Nebraska-Lincoln with computer science and mathematics minors. He's served as Aerospace Club president and held leadership roles on both the Design Build Fly and Rocketry engineering design teams. Khaleb has conducted research at Midwest Roadside Safety Facility, evaluating inertial characteristics and sales trends of battery electric vehicles, interned at Drone Amplified, and plans to pursue a master's degree.

**Owen C. Paschke, Stabile No. 1468**

Owen is studying mechanical engineering at Lafayette College. Born in Houston, TX, into an engineering family, he was drawn towards the practice from a young age. On campus, Owen is Engineers Without Borders chapter vice president, club baseball team captain, and PA Epsilon Chapter president. Following graduation, he hopes to apply his curricular and professional experience, and TBPI learning to a career in a field such as renewable energies.

**Ryan H. Petrauskas, Stabile No. 1403**

Ryan is a Union College computer engineering major in the Nuclear Propulsion Officer Candidate Program, committed to serving as a submariner in the Navy after graduation. Through coursework he's developed skills in Python, Java, C/C++, and VHDL, involving projects using microcontrollers, FPGA boards, and VGA displays. He enjoys conducting research, has co-authored a paper on asteroid light curves, and authored a paper on the noise resistance of machine learning systems used to diagnose autism.

**Emily R. Pan, Forge No. 164**

Emily attends the University of California, San Diego, majoring in bioengineering, minoring in general biology, and pursuing the pre-med track. She's interested in gene & cell therapy and has worked at Janelia Research Institute, Johnson & Johnson, and Promega Biosciences. She enjoys community involvement and is active with organizations including BMES and Phi Beta Kappa. Emily is passionate about advancing healthcare for marginalized communities and plans to attend medical school.

**Darshan V. Patel, Stabile No. 1469**

Darshan is a mechanical engineering major at the University of South Alabama. Inducted into TBPI as a junior, he serves as AL Epsilon Chapter corresponding secretary and attended the 2025 District 6 Conference. He's also Pi Tau Sigma vice president and enjoys applying classroom knowledge through hands-on projects and research while interning at AustalUSA. Darshan plans to pursue a career in the defense industry with a focus on innovation and design.

**Michael W. Poplin, Stabile No. 1426**

Michael is a master's student in industrial & systems eng'g at Montana State Univ., advancing into graduate research while completing his final undergrad credit. He's served as MT Alpha Chapter treasurer and founded an SME student chapter. Michael works as a systems engineering consultant focused on ERP integration, marketing attribution, and end-to-end platform design. A published lead author in neurotechnology, he presented EEG engagement research at the 2025 IISE national conference.

**Pratik Pandit, Stabile No. 1399**

Pratik is double majoring in electrical and computer engineering at the University of Virginia (UVA). He is VA Alpha Chapter president and passionate about wireless communications & digital signal processing. Pratik recently interned at Hawkeye 360, a satellite-based geospatial intelligence company and his research includes creating a ARQ protocol for communicating under interference. He's also part of the UVA Table Tennis club competing at the 2024 & 2025 National Championships.

**Samay Sagar Patel, Brems No. 33**

Samay is pursuing a double major in aerospace and mechanical engineering at the Univ. at Buffalo with a manufacturing minor. He's a member of the Honors College and works as a TA & tutor for core eng'g courses. Samay is working on biodiesel production techniques during a research internship at Pandit Deendayal Energy Univ. He is a certified Six Sigma Green Belt and was selected to discuss infrastructure resilience at the 2024 Naval Academy Science & Engineering Conference.

**Willem J. Potter, Stabile No. 1430**

Willem is studying industrial engineering and German at Iowa State Univ. He's served in organizations, such as IISE chapter president, advanced manufacturing club president, and Alpha Pi Mu chapter vice president. Willem's had multiple internships with John Deere, including a co-op in Germany, and worked jobs while in school as a research assistant with metal casting automation and additive manufacturing. TA for eng'g statics, and a student ambassador for the dept. of industrial & manufacturing systems.

**Aaryan Panthi, Stabile No. 1400**

Aaryan is a computer science major at Howard University and an international student from Nepal. He's been involved in research contributing to projects at the intersection of natural language processing and the social sciences. Aaryan spends summers conducting research at UC San Diego and interning at Google. He's served as Nepalese Student Association secretary, Google developer student club chief technology officer, and plans to pursue a master's.

**Abigail R. Patterson, Stabile No. 1401**

Abigail is a chemical engineering student at Florida State University. She conducts research at the National High Magnetic Field Lab, focusing on high gradient magnetic separation of weakly magnetic nanoparticle suspensions. Abigail serves as FL Eta Chapter marketing chair and volunteers with FSU's Medical Response Unit, a student run volunteer-based campus EMS service. She's also committed to tutoring high school students in math, specifically those from disadvantaged backgrounds, and plans to pursue graduate school.

**Diego A. Puerta, Stabile No. 1404**

Diego is a senior in electrical engineering at Arizona State University (ASU). He has worked as a researcher in the Miniaturized & Advanced Power Electronics Lab at ASU since May 2024, and was a high-speed amplifier validation engineering intern with Texas Instruments this summer. Additionally, Diego is currently serving as IEEE - Eta Kappa Nu chapter president. After finishing his BSE, he will pursue a graduate education focusing on power electronics.



Joshua A. Puerzer, Stabile No. 1470

Joshua is studying mechanical engineering with an industrial eng'g minor at the University of Pittsburgh. Originally from Metuchen, NJ, he's served as Engineers Without Borders business manager and is a DJ at WPTS Radio. An Eagle Scout and ASME member, Joshua has completed co-op rotations at GE Vernova Power Conversion and Storage, helping develop the next generation of marine propulsion systems. He is excited to move into industry and help engineer a better world.

**Joy C. Resig, Stabile No. 1472**

Joy is a mechanical engineering student at the University of Kentucky. As a 2024 Chellgren Fellow, she began research with the Grady Lab at UK, specializing in laser shockwave mechanics interacting with cell adhesion. Joy is an officer for BMES and a tour guide for the university. This summer, she's interning at Johnson & Johnson MedTech and working on the development of medical devices. With a passion for eng'g and health science, Joy plans to pursue a graduate degree.

**Melis Sahin, Stabile No. 1409**

Melis is studying biomedical and electrical eng'g at Case Western Reserve Univ. with minors in Spanish and computer science. She's passionate about global healthcare disparities and developing sustainable/accessible engineering solutions. Melis serves as Engineers Without Borders president, circuits & instrumentation TA, Turkish Student Assoc. leadership, and as a Project Step-Up tutor supporting local high schoolers. She's conducted research in human-robot collaboration & plans to pursue grad school.

**Sean M. Quigley, Stabile No. 1405**

Sean is pursuing a computer science degree at the Univ. of Notre Dame with an innovation & entrepreneurship minor. He serves as a resident assistant, leads projects for CS for Good, an initiative focused on applying technology for social impact, works part-time as a certified personal trainer, and interned as a security engineer at Oracle. Sean is involved with Notre Dame's IDEA Center, a startup incubator combining his technical expertise, entrepreneurial spirit, and human-centered mindset.

**Caitlin A. Rogers, Stabile No. 1407**

Caitlin is majoring in chemical & biological engineering at the University of Colorado Boulder. Since sophomore year, she's been conducting research in the Emergent Nanomaterials Lab, exploring smart tattoos and their applications. Caitlin is also a member of the Engineering Honors Program, Engineering Fellows, and SWE. She is passionate about the outdoors and enjoys hiking, skiing, and playing soccer. Caitlin plans to attend graduate school to further her education and research.

**Muaz Y. Salem, Stabile No. 1475**

Muaz is a first-generation Egyptian-American, mechanical engineering major at the University of Wisconsin-Madison, pursuing certificates in mathematics & biology in eng'g. His academic interests lie at the intersection of biomechanics and medical innovation. He conducts research in an orthopedic engineering lab, designing a knee surrogate model to study patellofemoral instability and improve treatment outcomes for trochlear dysplasia patients and plans to pursue an MD after his internship with the Mayo Clinic.

**Ujjwal Rameshwaram, Stabile No. 1406**

Ujjwal is pursuing a degree in biomedical engineering with a concentration in tissue eng'g & biomaterials, along with a minor in biology. Their research focuses on developing microspheres and nanoparticles for applications in tissue eng'g & cancer therapy. Ujjwal promotes scientific inquiry and communication through leadership roles in a campus research club, student research journal, and a national research consortium. They plan to pursue a Ph.D. in biomedical engineering.

**McKenzie Roman, Stabile No. 1473**

McKenzie is a mechanical engineering student at Case Western Reserve University with a systems & control eng'g minor. She has held numerous leadership positions on the Case Rocket Team and recently became a member of CWRU Motorsports. McKenzie is also a member of Mortar Board, works as a resident assistant, and interned with Fives North American Combustion Inc. McKenzie plans to pursue a career in R&D engineering and a master's.

**Charles C. Santore Jr., Record No. 2067**

Charles is a senior materials science & engineering student at Rutgers University. He has more than two years of research experience involving military armor ceramics and ultra-high temperature ceramics. Charles is president of the Rutgers' Material Advantage chapter and intends to complete a master's degree in materials science & engineering at Rutgers, following the completion of his bachelor's degree.

**Tara Reddy, Fue No. 2**

Tara is a rising senior at the University of Illinois Urbana-Champaign majoring in civil engineering with a focus in structural and water resources engineering. She also has a minor in technology and management. This summer, Tara worked as an intern at an engineering consulting firm supporting groundwater management and hydraulic structures projects. After graduating, she plans on pursuing a master's degree in structural engineering.

**Brynn E. Romberger, Stabile No. 1408**

Brynn is a civil engineering student at Florida Institute of Technology with a water & wastewater systems concentration. With an appreciation for the movement and influence of water, she's driven to develop sustainable solutions that improve water quality and optimize usage. Brynn is interning with Pennsylvania American Water, contributing to PFAS mitigation efforts, a Fluid Mechanics Lab research assistant, and member of ASCE and Florida Tech's Rowing team.

**Emilia A. Schneiderman, Stabile No. 1410**

Emilia is a civil engineering major at Stony Brook University. She is ASCE student chapter president for the 2024-25 academic year, previously worked as a tutor for the university's Academic Success and Tutoring Center, and as a teaching assistant for the Physics Department. Emilia currently interns for the New York State Dept. of Transportation, where she works in the geotechnical lab. After her undergraduate program, Emilia plans to pursue a master's degree in civil eng'g.

**Zhiyu "Iris" Ren, Stabile No. 1471**

Zhiyu is majoring in mechanical eng'g at Cornell Univ. She serves as NY Delta Chapter vice president and Engineering Competitors for Sustainability president, helping with circuit designs for wind turbines in Peru. As a researcher, Zhiyu has contributed to simulation models of wave energy converters in Cornell's SEA lab and conducts experiments exploring biodegradable applications of kombucha mats at NUS. She plans to pursue a career at the intersection of sustainability and design or attend graduate school.

**Aidan J. Rose, Stabile No. 1474**

Aidan is a mechanical engineering student and philosophy minor at Lafayette College. A member of the Marquis Scholars, a scholarly organization embodying the ideals of the college's namesake, Aidan has completed two internships at the Naval Surface Warfare Center of Philadelphia and BR+A Consulting Engineers in NYC. He's completing research under Lafayette's mechanical eng'g dept. developing a bicycle simulator that accurately responds to all user exertion levels and plans to enter industry.

**Ethan N. Schoenblum, Stabile No. 1476**

Ethan is working towards a mechanical engineering degree at Binghamton University. He's currently researching the formation & degradation of microplastic particles and developing an experiment to analyze their behavior under controlled conditions. Ethan is ASEE chapter president, bringing eng'g to K-12 classrooms and providing help for freshman students. He plans to pursue a master's degree, then work to make renewable energy more available, and reduce our reliance on fossil fuels.



Grace L. Schultz, Stabile No. 1411

Grace is pursuing a triple major in computer science, data science, and creative computing at Southern Methodist Univ. Her academic work centers on applying statistical learning, database systems, and interactive computing to solve problems at scale. She's particularly interested in ethical AI development and human-centered technology design. As a data science analyst intern at J.P. Morgan, Grace supports the AWM GPB Dashboards team through work building revenue and yield dashboards.

**Liliia Shanina, Stabile No. 1413**

Liliia is majoring in chemical engineering at Illinois Tech. As a research assistant in Prof. David Minh's Computational Chemical Biology Lab, she's working on G-protein coupled receptors. Liliia's explored the renewable energy industry while interning at a green-tech startup, Monolith, and joined a French manufacturer of plant-based ingredients, Roquette, as a process engineering intern this summer. She serves as AIChE chapter vice president and aspires to pursue a Ph.D. in materials or chemical eng'g.

**Kylie M. Spade, Stabile No. 1418**

Kylie is a third-year bioengineering student at the University of Toledo. On campus, she serves as OH Zeta Chapter secretary and is a member of the Biomedical Engineers Society, running club, and Catholic Student Association. She's working as a co-op at Resonetics, a biomedical manufacturing company, at their Dayton location. Upon graduation, Kylie will be seeking employment with a biomedical company in the Cincinnati, OH, area.

**Owen K. Scott, Stabile No. 1477**

Owen is a student at the University of the Pacific, maintaining a 4.0 GPA, and pursuing a mechanical engineering degree with plans to complete a master's in eng'g management. He's interned with both Turlock Irrigation District and MacLean Power Systems. Owen is involved in the Pacific Motorsports Club helping design and test the team's Formula SAE race car, volunteers with the Salvation Army & on mission trips to Mexico, and hopes to work in the energy or infrastructure industry.

**Brayden D. Sheaffer, Stabile No. 1414**

Brayden is a senior computer engineering student at Cedarville University (OH). After graduation, he plans to pursue a Ph.D. in computer engineering in the hope that one day he can become a professor in the field. Brayden serves his school by helping students do homework in the computer science lab and leading weekly review sessions for a freshman level class. When not involved in the academic world, he enjoys outdoor recreational activities such as golf and hiking.

**Joseph L. Squirlock, Armentrout No. 1**

Joseph is pursuing a degree in mechanical eng'g at the University of Tennessee (UTK) with a minor in aerospace eng'g. He has interned with Whiting-Turner Contracting Co. and currently works as an intern at ORNL with the Science Undergraduate Lab Internships program. Joseph also conducts research at UTK on the 3D printing of phenolic foams using Direct Ink Writing, plays for the UTK men's rugby team, and plans to work in industry before returning to pursue a master's degree.

**Marina L. Serra, Stabile No. 1412**

Marina, a Mercer University senior, is pursuing a biomedical engineering degree. Her research involves developing an offloading knee brace to relieve pain for a patient with osteoarthritis. She went on a mission trip to Vietnam to fit underprivileged amputees with upper and lower limb prosthetics and has interned at the Hanger Fabrication Network, working with additive manufacturing of prosthetic/orthotic devices. She plans to pursue an M.S. and continue research on medical devices.

**Darrah E. Sheehan, Stabile No. 1415**

Darrah is a biomedical engineering student and Rodman Scholar at the University of Virginia with a passion for translational research and patient-centered innovation in oncology. Her interdisciplinary work spans neurology, neurosurgery, and she's authored 20+ peer-reviewed publications & presented at conferences. Darrah serves in organizations such as SWE, organizing STEM outreach for middle school students, and is committed to advancing equity in healthcare and STEM.

**Maria D. Steis, Stabile No. 1419**

Maria is pursuing a biomedical eng'g degree at Boston Univ. with a concentration in machine learning. She is a researcher in BU's Biological Design Center, focused on harnessing synthetic biology and protein engineering techniques to advance CRISPR-based gene therapies. Maria's also a tutor, MA Eta Chapter secretary, and a performer/choreographer for the Harvard Ballet Company. She's been awarded the prestigious BU SOE Summer Research Fellowship, plans to pursue a Ph.D., and a research career.

**Barbara N. Serrano-Acosta, Record No. 2068**

Barbara is a Schreyer Scholar majoring in chemical engineering at Pennsylvania State University with a chemistry minor. She is an Omega Chi Epsilon member and on the Student Change-of-Campus Advisory Board. She is involved in breast cancer mechanical regulation research with the Esther Gomez Lab. Barbara is a member of the Ballroom and Latin Dance club, enjoys yoga, and will pursue a Ph.D. in chemical engineering focusing on biomedical applications.

**Savanna J. Sheffield, Stabile No. 1416**

Savanna is pursuing a chemical engineering degree at the University of Rhode Island with minors in materials eng'g and mathematics. She serves as executive board scribe of the Sigma Gamma Chapter of Theta Tau and will be RI Beta Chapter president this year, hoping to grow her leadership skills. Savanna works as a research assistant in the particle engineering lab focusing on drug delivery systems and polymer-based therapeutics. She also worked as a membrane R&D intern at Entegris.

**Adin A. Stoller, Stabile No. 1479**

Adin is a mechanical eng'g student with a robotic systems minor at the University of Dayton (UD) and is involved in researching cutting edge stretchable electronics and smart substrates to enable future wearable & soft robotic technologies. Through support of the BAMS Lab and a partnership with the UD Research Institute's Additive Manufacturing and Technology Development Group, he aims to culminate his research into an honor's thesis. Adin's also OH Theta Chapter service chair, working to foster ties with the community.

**Alex M. Seybold, Stabile No. 1478**

Alex is a mechanical engineering student at Cal Poly with a growing interest in biomedical eng'g. His passion developed through involvement in the EM-POWER club and he looks to gain more experience through research on auxetic materials. Alex has completed a software eng'g internship at Constellation Brands, working on AWS cloud infrastructure, collaborated on an award-winning project, interned at Cisco this summer, and is a Div. I student-athlete on Cal Poly's Swimming & Diving Team, serving as a two-time captain.

**Jenna M. Skidmore, Stabile No. 1417**

Jenna is pursuing a major in biomedical engineering at the University of Missouri with an emphasis in biomechanics and a minor in math. She's MO Alpha Chapter recording secretary and Engineering Student Council VP of external relations. Jenna is involved with research in the Dhillon Lab in Mizzou's Dept. of Nutrition and Exercise Physiology. This summer, she completed a project engineering internship at ABEC Inc., is passionate about improving healthcare, and pursuing a career in the biotech industry.

**Maeve E. Storm, Scribner No. 87**

Maeve is majoring in civil eng'g with an environmental concentration at Florida State University. She's currently conducting research on the permeation of fluorotelomer alcohols through landfill covers & liners and plans to complete an undergraduate thesis on volatile and semi-volatile compounds in algal blooms. Maeve has held leadership roles in ASCE and Theta Tau Professional Engineering Fraternity, is an active member of SWE, and intends to pursue a graduate degree in environmental or climate engineering.



Thomas K. Sullivan, Stabile No. 1480

Thomas is a senior majoring in mechanical engineering at the University of Wyoming. After graduation, he plans to pursue a master's degree in aerospace engineering and work in the aerospace & defense industry. Thomas currently serves as WY Alpha Chapter vice president and is the head trombone section leader in the University of Wyoming "Western Thunder" Marching Band.

**Logan M. Tanner, Stabile No. 1424**

Logan is an honors computer engineering student at the University of Oklahoma. He helped reestablish the OU IEEE student branch and has served in multiple leadership roles, first as event coordinator and now president. Logan works as an associate planning engineer at Lumen Technologies, supporting network planning efforts for the past two years. He recently joined Dr. Jessica Ruyle's research group beginning work in antenna research and plans to pursue an M.S. in electrical & computer engg.

**Arianna G. Tobias, Record No. 2069**

Arianna is a computer science major at the University of Oklahoma. This summer, she's interning with Deloitte in their consulting practice, focusing on SAP technology solutions. Arianna is a published researcher, having conducted a systematic literature review on deep learning applications in engineering and authored a paper on the use of social media in engg education. She serves as OK Alpha chapter recording secretary and will pursue a career in software development or cybersecurity.

**Danielle M. Sutterlin, Stabile No. 1420**

Danielle is a senior at Purdue University majoring in electrical engineering with a minor in sustainable engg. She serves as Purdue Engineering Outreach president, a student organization dedicated to promoting interest in STEM among K-12 students. Danielle is currently interning with Mitsubishi Electric Power Products Inc., in the substation division. After graduation, she plans to pursue a career in power and energy systems with a focus on sustainability.

**Joshua L. Taylor, Stabile No. 1425**

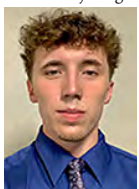
Joshua is a senior at the University of North Carolina at Charlotte pursuing a dual degree in electrical engineering and computer engineering with a concentration in power & energy. He has interned at Duke Energy, focusing on emerging technologies and control systems. Joshua was recognized as an IEEE Power and Energy Society Scholar for his outstanding academic achievement and plans to pursue Professional Engineering licensure after graduation.

**Adam N. Tobin-Williams, Stabile No. 1431**

Adam is triple majoring in chemical & biomolecular engineering, applied mathematics and statistics, and economics at Johns Hopkins Univ. He's also pursuing a concurrent master's in chemical & biomolecular engg and applied mathematics and statistics. His research focuses on quantifying colloidal diffusion over curved surfaces via molecular dynamics simulations in the Bevan Lab. Adam will serve as MD Alpha Chapter treasurer and chair of the AIChE Executive Student Committee.

**Karl F. Swanson, Stabile No. 1421**

Karl is majoring in biomedical engineering at the University at Buffalo. He serves as NY Nu chapter development lead and spent his summer working as a research assistant for the Alevriadou Vascular Mechanobiology Lab. Since sophomore year, Karl has gained hands-on experience in wet laboratories, specifically in areas involving mitochondrial function and endothelial vesicles. He's also been involved in clubs focused on community service in Western NY and plans to pursue an M.S. degree.

**Angela E. Tewksbury, Scribner No. 88**

Angela is a rising senior double majoring in civil and environmental engineering. She is Society of Asian Scientists and Engineers chapter vice president and a member of both the Society of Women Engineers and Engineers for International Sustainability. Angela enjoys swimming, reading, and traveling, spending the past year studying abroad. She is conducting research on sustainable concrete and hopes to pursue a postgraduate degree.

**Nathaniel J. Tomas, Stabile No. 1432**

Nathan is a materials science & engineering student at the University of Minnesota Twin Cities. He's chapter vice president of Engineers Without Borders and Material Advantage and a member of ASM International. His contributions to the UMNTC's Solar Vehicle Project led to the 2023 most competitive Solar Vehicle in the world and his commitment to Material Advantage led his bladesmithing team to take second place internationally. Nathan plans to pursue a M.S. in data science.

**Kailee E. Tanaka, Stabile No. 1422**

Kailee studies biomedical engg at Brown University and currently serves as RI Alpha Chapter treasurer. Her interests lie in regenerative medicine and she's been involved in research projects, ranging from tissue engineering to optimizing drug delivery systems. Kailee interned at Sanofi as part of the in vitro biology team, gaining industry experience in therapeutic development. Kailee plans to continue her BME studies and hopes to work in the biotechnology industry.

**Dilasha Thapa, Brems No. 34**

Dilasha is majoring in aerospace & mechanical engineering at the University at Buffalo. She conducts research in the Additive Manufacturing Lab, exploring acoustic streaming to improve 3D printing processes. Dilasha is also active in AIAA, contributing to the design and fabrication of RC aircraft for the Design/Build/Fly competition. On campus, she serves as a resident assistant and peer mentor, supporting student success. Dilasha plans to pursue a graduate degree and a career in advanced manufacturing.

**Michelle N. Tran, Forge No. 175**

Michelle is a rising senior at the University of California, Irvine (UCI), pursuing a degree in electrical engineering. She serves as CA Tau Chapter internal vice president and as Engineering Student Council vice president of finance at UCI. Michelle is also an active member of the UCI Formula SAE project and interned at Samtec, Inc. Next, she plans to pursue a career in technical project management.

**Lonnie M. Tankersley, Stabile No. 1423**

Lonnie is an aerospace engg student at Mississippi State Univ., focusing on composite structures & propulsion systems. He's conducted research on thermoplastic composites and is involved in a project focusing on the hydrodynamic modeling of electrospray thrusters. Lonnie completed an internship at NASA's Marshall Space Flight Center, contributing to ground systems for the International Space Station. He aims to pursue graduate studies at MIT's Space Propulsion Lab, aspiring to advance electric propulsion technologies.

**Chance R. Thomasy, Scribner No. 89**

Chance, from Los Angeles, CA, attends the University of Kentucky, majors in civil engineering, and is part of the honors college SEAM pathway. A peer mentor, he works as an engineering TA, a technician in Dr. Peiri's KTC lab, and is an officer for the UK chapters of ASCE, Chi Epsilon, and American General Contractors. Chance plans to pursue graduate school, pass the FE this year, pursue his professional engineering license & diving certificate, and then work in industry.

**Skye Tucker, Stabile No. 1481**

Skye is an international student from South Africa, majoring in mechanical engineering with a mathematics minor at Merrimack College. She serves as MA Kappa and ASME chapter president. Her research focuses on visualizing nanoparticle movement in plants using 3D modeling and light-based displays. Skye is a Division I rower, tutor, admissions ambassador, and resident advisor. She plans to pursue a graduate degree in mechanical engg, focusing on robotics, aerospace systems, or mechatronics.



Tersoo R. Upaa Jr., *Stabile No. 1433*

Tersoo is majoring in electrical & computer engineering at Princeton with a computer science minor. Raised in Calgary, Alberta, Canada, he's pursued many research opportunities including, investigating optoelectronic devices in Prof. Barry Rand's Lab and recently completing an independent project in machine learning optimization. Tersoo has served as Black Men's Association president, tutors first-year students, spent two summers interning at Meta as a software engineer, and plans to enter industry.

**Krithik Vishwanath, *Stabile No. 1487***

Krithik is pursuing a triple degree in computational engineering (B.S.E.), mathematics (B.S.), and chemistry (B.S.A.) at the Univ. of Texas at Austin. An aspiring physician-scientist, he's focused on the intersection of oncology and technology. Krithik has authored 8 research manuscripts and presented his work at 15+ national research conferences. He previously served as TX Alpha Chapter vice president, facilitates restorative-justice circles, and coordinates volunteers in Dell Seton's oncology unit.

**Sarah G. M. White, *Stabile No. 1488***

Sarah is a chemical engineering student at Virginia Commonwealth University, where she serves as AIChE student chapter president. Passionate about making engineering accessible, she has led STEM outreach efforts for K-12 students throughout the Richmond area. Sarah has gained industry experience through internships with Evonik and Solenis, with roles in process engineering and technical sales. She aspires to build a career that advances sustainability and operational efficiency.

**Kaylee M. Updegraff, *Stabile No. 1434***

Kaylee is a senior studying electrical engineering at South Dakota School of Mines and Tech. She is a leader in the SD-First program, mentoring fellow first-generation college students. Kaylee is a NASA South Dakota Space Grant Consortium scholar and a mentor to incoming electrical engineering students. She's interned with Garmin, Interstates & DGR Engineering, and plans to pursue a career in electronics design.

**Srinidhi M. Vusirikala, *Forge No. 165***

Srinidhi is majoring in bioengineering with minors in mechanical eng'g and healthcare innovation & design at Santa Clara University. An aspiring innovator and entrepreneur, she's led impactful projects such as developing an IUD self-removal tool and designing an immersive VR game to help manage stress and anxiety. Srinidhi serves as BMES chapter president, co-chair of SWE++, teaching girls to code, and hopes to join the medical device industry.

**Sara G. Wickenhisser, *Stabile No. 1484***

A senior, Sara is pursuing mechanical eng'g with a controls & robotics specialization at UC San Diego with a mathematics minor. She's exploring her interest in medical and healthcare robotics as a researcher in the Advanced Robotics and Controls Lab focusing on a snake-inspired, multi-terrain search and rescue robot. Sara is co-author of two publications related to this project and leading additional research. After graduating, she plans to pursue a Ph.D. in prosthetics and surgical robotics.

**Serene S. Vaghmar, *Stabile No. 1435***

Serene is a biological engineering student at the University of Georgia. She's collaborated with other students to design an arterial scanner to assist with the insertion of needles in surgery and created a non-invasive and portable prototype to diagnose respiratory issues. Serene is a member of engineering clubs such as SWE, SASE, and BMES. She volunteers with Athens Area Habitat for Humanity and works as a math tutor for K-8 students. Serene plans to work as a tissue eng'g researcher to contribute to reduced transplant waitlist times.

**Jennifer Wang, *Record No. 2070***

Jennifer is a University of Michigan senior majoring in electrical engineering with a minor in mathematics. On campus, she's a Women in Electrical and Computer Engineering officer, conducts magnetometer research, and works as a teaching assistant. Jennifer is interning at MIT Lincoln Lab this summer and previously interned at SpaceX, working on Starlink satellites. Jennifer plans on pursuing a graduate degree in signal processing before entering industry.

**Roger W. Wszolek III, *Stabile No. 1489***

Roger is a senior at Texas A&M University pursuing a major in nuclear engineering with minors in computer science and radiological health. He works at the Nuclear Engineering & Science Center TRIGA Reactor training to earn a reactor operator's license. Roger is active in many organizations including Texas A&M's American Nuclear Society and as president of his dorm's community council. He intends to work as a reactor engineer after graduation.

**Abbigayle M. Vargas, *Stabile No. 1482***

Abbigayle is studying mechanical engineering at Oklahoma State Univ. She's a TA and member of SWE and AISES. Abbi previously attended Northern Oklahoma College where she was a member of the women's soccer team and recognized as a NJCAA Academic All-American athlete. Abbi is currently completing her second internship at Fortis, a leading builder of hyperscale data centers. After graduation, she plans to pursue a master's degree in industrial engineering at Oklahoma State.

**Austin J. Wanlass, *Forge No. 163***

Austin is an aerospace engineering major at the Univ. of California, Berkeley, where he serves as CA Alpha Chapter corresponding secretary and activities committee chair. He works at the Multiphase Thermofluidics and Surface Nanostructure lab researching anti-scaling and anti-freezing surface coatings. Austin is currently interning at the NASA Ames Research Center, working on building the Space Life Sciences Hardware Database and preparing it for public access.

**Mena Y. Youssif, *Stabile No. 1490***

Born and raised in Egypt, Mena moved to Hopkinton, MA, in 2020, and is pursuing a B.S./M.S. in civil engineering at Worcester Polytechnic Institute with a business minor. At WPI, he is involved in leadership roles, serving as International Student Council president, MA Alpha Chapter social chair, and ASCE member. Mena has interned at Simpson Gumpertz & Heger and Burns & McDonnell, exploring design and project management. He aspires to contribute to sustainable infrastructure projects.

**Michael R. Velasquez, *Ice No. 1***

Michael is an electrical engineering student at Kansas State University. He currently serves as KS Gamma Chapter president, having previously held the position of treasurer. Michael is also the Smith Scholarship House recruiting chair and works as a student building manager at the K-State Student Union. This summer, he interned with the Electric Reliability Council of Texas as part of their event analysis team. Michael intends to pursue a career in the power industry, focusing on delivering reliable electrical service nationwide.

**Kyle Wern, *Stabile No. 1483***

Kyle is a mechanical engineering honors student at Oregon State University. With a passion for problem-solving and innovation, he's committed to using engineering to improve lives and make a meaningful impact on the world. Kyle has applied his skills in both academic and hands-on settings and is excited to continue growing professionally through a summer internship with Boeing. Kyle is deeply grateful for the support provided by this scholarship and looks forward to continuing his journey of learning, discovery, and service.

**Emmalea A. Yunk, *Stabile No. 1485***

Emma is a senior in mechanical engineering at Colorado School of Mines. She currently serves as CO Alpha Chapter president and is actively involved in other organizations on campus such as SWE and ASME. Emma plans on attending law school after graduating to become a patent lawyer.



Alan Zhu, Stabile No. 1491

Alan is a dual degree computer science and physics student at the Univ. of Pennsylvania. He is currently researching on-chip classical+quantum hybrid internet. Alan holds leadership positions in various student engineering organizations, including the Aerial Robotics Team and aerospace club balloon team. After graduation, he intends to pursue a Ph.D. in quantum computing and hopes to build the first commercial quantum computer.



Marko J. Zimic, Dechman No. 11

Marko is a chemical & molecular engineering student at Stony Brook University on the pre-medical track with chemistry and materials science minors. He's passionate about research, studying the antibiological properties of nanoscale polymer coatings and had the opportunity to work on this project at Brookhaven and ORNL. He also works part-time as an endocrinology medical assistant, served as linguistics club president, and gained early admission to the Icahn School of Medicine.

