

TAU BETA PI SCHOLAR BIOS

2024-25

Rebecca J. Adkins, Stable No. 1242

Rebecca, a senior, majors in mechanical engineering at the University of Alabama in Huntsville. She is a Pi Tau Sigma member and enjoys cooking and exercising. As a model based systems eng'g intern at Noblis, she gained two OCSMP certifications: SysML Model User and Model Builder Fundamental. Rebecca currently interns for the U.S. Army Combat Capabilities Devel. Command Aviation & Missile Center and plans to continue in the defense industry.



Kylie J. Albright, Stable No. 1245

Kylie is a third year mechanical engineering student at the University of Toledo (UT). She serves as OH Zeta Chapter social media chair and is a member of the Jesup Scott Honors College at UT. She has completed two co-ops at Toledo Refining Company in Toledo and Honda in Marysville, Ohio. Upon graduation, Kylie looks forward to gaining more experience in the mechanical engineering field.



Caleb Adreano, Record No. 1248

Caleb is a senior computer engineering student at Milwaukee School of Engineering. This summer, he is working as a firmware engineering intern at Milwaukee Tool. During the school year, Caleb works on hardware and firmware for Mozee Motorsports, and the SAE Formula Hybrid team. After graduation, he hopes to explore computer architecture and machine learning in industry.



Oriekaose C. Agholor, Stable No. 1243

Oriekaose is a senior robotics & mechatronic systems engineering major at the University of Detroit Mercy, a Russel J. Ebeid Scholar, and serves as MI Delta chapter president. He is currently a test automation engineering intern at Rivian. Oriekaose is also a musician who sings, plays the saxophone, and engages in audio and video production. He wishes to keep learning and applying his knowledge and expertise to develop products and technologies of positive impact.



Theodora T. Alese, Record No. 1944

Theodora is a senior biomedical engineering major at the Georgia Institute of Technology. She is GA Alpha Chapter director of corporate relations, the Georgia Tech Support, Health, and Education for Women Outreach Committee Chair, and is a member of the National Society of Black Engineers. Theodora is also involved in microvasculature-on-a-chip research and plans to pursue a Ph.D. in biomedical eng'g and eventually work in industry.



Georgia A. Angeletakis, Scribner No. 79

Georgia is an environmental engineering student at the University of Delaware (UD) with an Arabic minor and a German for Engineering certificate. She is the UD chapter treasurer for both the American Society of Highway Engineers and Orthodox Christian Fellowship. Georgia is interning at the DE Dept. of Transportation and has done research concerning soil salinity and road construction materials. She plans to pursue a career abroad in water resources & environ. eng'g to address the impact of climate change.



Alysha A. Akhtar, Record No. 1943

Alysha, a fourth-year student at the University of Virginia, majors in biomedical engineering with computer science and data science minors. She's working on research to investigate the protection of tyrosine phosphorylation by SH2 domain binding and served as a teaching assistant for biomechanics. Alysha also serves on the UVA executive boards for SWE and Virginia Consulting Group and hopes to pursue a career in consulting, data analytics, or product management.



Asa S. Alstead, Stable No. 1246

Asa is a senior structural engineering major with an aerospace focus at the University of California, San Diego. Besides serving on the CA Psi Chapter officer board, he participates in UCSD's Human Powered Submarine eng'g club, has engaged in research on Bayesian Inference and Markov chain Monte Carlo methods, and worked at the Puget Sound Naval Shipyard. He will join UCSD's B.S./M.S. program and is considering continued research on probabilistic methods for a Ph.D.



Aidan A. Anuskiewicz, Brems No. 27

Aidan is a senior aerospace engineering student at San Diego State University. He is involved in undergrad research at the Computational Physics Lab under Dr. Gustaaf Jacobs and holds a CA Xi Chapter leadership position. Aidan is a member of the National Society of Collegiate Scholars and the Society of Automotive Engineers. He completed an internship at NAVWAR-NIWC Pacific and plans to enter the workforce to work in the space exploration



Nuha K. Akhtar, Stable No. 1244

Nuha is a senior majoring in mechanical engineering and minoring in physics at Boise State University. She will apply for Ph.D. programs that combine mechanical eng'g, applied physics, and materials science for space applications. Nuha serves as ID Gamma Chapter president, works as a student machine shop supervisor, chair for the mechanical student advisory board, and researcher for a lab that utilizes ceramic MEMS devices to create cold atmospheric plasma for medical and agricultural applications.



Ana C. Alvarado, Stable No. 1247

Ana is a student at Louisiana State University pursuing a degree in industrial engineering. She has interned with CGC in southern Argentina and currently works as a field service engineer intern at Honeywell. A dedicated member of the Society of Women Engineers, Ana serves as the professional liaison for the LA Alpha Chapter. After gaining professional experience in the industry, she plans to continue her studies and pursue a master's degree.



Christian J. Apostol, Dechman No. 10

Christian is a pre-medical student majoring in chemical eng'g at Stony Brook University. He does research in flame retardant polymer nanocomposites and bio-degradable polymers with the Garcia Program. Christian is a three-time recipient of the Academic Achievement Award given to students with a 4.0 GPA and is also a tutor, substitute, and TA. Additionally, he volunteers at his local church and hospital, while shadowing medical practices, aspiring to become a doctor.



Connor L. Arnold, Brems No. 28

Connor is an aerospace engineering student at Embry-Riddle Aeronautical University. He has actively engaged in various research projects, including work with the Non-Linear Wave Lab on campus. Additionally, internships with The Boeing Co. and NASA have been impactful. Connor is also passionate about mentorship and student engagement. As a lead for the Discover Research Program, he mentors first-generation students and encourages campus involvement.



Tyler J. Beasley, Stabile No. 1252

Tyler is a computer engineering major with a data science minor at the University of South Carolina. He participates in research with the marketing department at the University's Business school and in clubs such as SAE and Sustainable Carolina. After his spring 2025 graduation, Tyler will put his skills to use with the 402nd Software Engineering Group at Robins Air Force Base, working in software engineering.



Annaliese M. Braucht, Record No. 1945

Annaliese is studying biomedical engineering at South Dakota School of Mines & Tech. with a nanotechnology emphasis. She's researched the use of biologically derived nanoparticles in cancer treatment and prevention of tumor metastasis. Annaliese is SD Alpha chapter VP, section leader in auditioned campus choirs, and a biomedical eng'g mentor for incoming students. She works as a women's and children's hospital CNA and plans to attend medical school.



Mia I. Baca, Stabile No. 1249

Mia is a fourth-year chemical engineering student with a minor in mathematics at the University of New Mexico. She's been researching colloidal nanoparticle synthesis and characterization for three years at the Center for High Technology Materials. Mia was selected as a 2024 Goldwater Scholar for her outstanding research achievements and plans to pursue a Ph.D. in chemical eng'g and research materials for energy conversion and storage after graduation.



Elizabeth B. Beraducci, Spirit of Apollo No. 11

Elizabeth is a Florida Institute of Technology senior majoring in aerospace eng'g. Her research focuses on leveraging machine learning for decision-making in autonomous vehicles. Aside from research, she serves as FL Zeta Chapter president and is an active member in Women in Aerospace Engineering. Elizabeth plans to pursue her master's degree in aerospace engineering while continuing her research in autonomous vehicles.



Nicholas E. Bray, Record No. 1946

Nicholas is a 3rd year biosystems engineering student at Michigan State Univ. pursuing pre-health, a concentration in biomedical eng'g and minor in computational mathematics, science & eng'g. He completed two years as a professorial assistant performing neuromusculoskeletal research for Dr. John M. Popovich, co-founded the MSU Fountain Wars team, and worked for MSU's Leadership Advantage program. He plans to attend medical school to focus on orthopedics or oncology.



Avi Balakirsky, Stabile No. 1250

Avi is a mechanical engineering senior at The Ohio State University minoring in computer information sciences. As a research intern, he's worked at various labs researching robotics, control, manufacturing, and artificial intelligence. Most recently, he worked as an intern at Georgia Tech connecting large language models to robotic control and planning. He plans to continue his research through a graduate program, leading to a Ph.D.



Paul G. Berggren, Stabile No. 1253

Paul is a rising senior majoring in electrical & computer engineering with a minor in computer science at the University of Rochester (NY). As an undergrad researcher with the AIR lab, he works on designing AI systems to detect audio deepfakes. Paul also serves as university fencing club president, a teaching assistant for various ECE courses, and intends to pursue a Ph.D. exploring machine learning & hardware/software codesign.



Joseph E. Brooks, Forge No. 149

Joseph will graduate from Cal State University, Fresno, with a B.S. in geomatics engineering this fall. Throughout his academic journey, he's been involved with student associations, including SAGE, CLSA, NSPS, and AAGS. Joseph volunteers time to educating others about the geomatics industry, has obtained his Land Surveyor in Training certification, and is an assistant surveyor at Blair, Church, and Flynn Engineering Consultants. He's working towards obtaining his Professional Land Surveyor license.



Rachael A. Ballentine, Stabile No. 1251

Rachael is a senior at Wright State University majoring in mechanical engineering with a computer science minor. In addition to serving as OH Mu Chapter president, she's a student ambassador for the College of Engineering and Computer Science, an Ohio Space Grant Consortium scholar, and a student leader in Cru, campus ministry. Rachael intends to pursue a graduate degree in the field of computer science.



Chealen M. Berry, Stabile No. 1254

Chealen is a rising senior at Northwestern University majoring in civil engineering with Spanish and French minors. She serves as an engineering dept. tutor and leads a Spanish club at Northwestern, while pursuing songwriting in her free time. Chealen is interested in the field of structural eng'g, has interned at Thornton Tomasetti for the past two years, and hopes to obtain a master's and pursue international research opportunities.



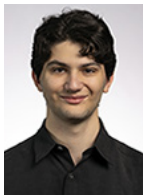
Aavash Budhathoki, Stabile No. 1256

Aavash, originally from Kathmandu, Nepal, is a rising senior at Howard University, majoring in mechanical engineering. He conducts research in Dr. Owlabi's group, focused on using additive manufacturing to produce novel materials that display superior mechanical properties. As ASME Howard Chapter president, he aims to foster a collaborative learning atmosphere, bringing together students from different backgrounds to conduct projects on robotics and intends to pursue a Ph.D. in materials science.



Dylan F. Barton, Pasadyn No. 2

Dylan, a rising chemical engineering senior at Florida State University, has performed research since his freshman year and plans to complete an undergraduate thesis on surfactant-assisted degradation of short-chain per- and polyfluoroalkyl substances in a gas-liquid plasma reactor. He serves as Florida Eta Chapter membership chair, tutoring coordinator for AIChE, and as a chemical engineering course tutor. An intern at NREL, he plans to continue his education and become a professor.



Benjamin M. Beyerle, Stabile No. 1255

Ben is a rising senior studying mechanical engineering with an economics minor. He has completed internships at Johnson and Johnson, GE Appliances, and Textron. Ben conducts research concerning the design and development of medical robots used in space. Through his work experience, he has found his love for R&D and hopes to pursue a meaningful career in industry post-graduation. Outside of class, Ben is a member of ASME, investment club, and KY Beta Chapter president.



Tyler Y. Burt, Record No. 1947

Tyler is studying mechanical engineering at the Colorado School of Mines. He is an undergrad researcher in the Colorado Fuel Cell Center, where he supports research on solid oxide devices. Tyler is also a member of the Society of Manufacturing Engineers and served as manufacturing lead for Mines Formula SAE. He has completed internships at Xcel Energy and Iconergy and is currently an intern at Keysight Technologies. Tyler will pursue a master's degree in mechanical engineering focusing on thermal and fluid systems.



Rebecca L. Burton, *Stabile No. 1257*

Rebecca, a senior at Brigham Young University, is pursuing a chemical engineering degree. She is a National Merit Scholarship recipient and earned the Sophomore Academic Excellence Award from AIChE. Her research focuses on soft matter and polymer crystallization, leading to co-authored papers on nucleation in polymers and the control of active Brownian particles. Fluent in Spanish, she is passionate about international eng'g solutions.



Sebastian Castro, *Sickafoose No. 14*

Sebastian is a senior chemical engineering student at Florida State University. He is pursuing a career in sustainability, to develop and improve renewable energy technologies. His current research focus is on ion transport through charged polymer membranes for applications in seawater treatment and electrochemical devices. A member of the Student Engineering Leadership Board, Sebastian plans to pursue a Ph.D. and then working at a national lab or in industry.



Tse-wen "David" Chen, *Forge No. 150*

David, a senior at the University of California, Irvine, is double majoring in computer science engineering and business information management. He serves as CA Tau Chapter president and project manager for UCI's Solar Car Engineering. At UCI, David's been involved in various roles within IEEE, the Taiwanese National Organization, and the CubeSat Project. He aspires to enter the industry as a technical project manager or pursue graduate studies.



Nicole S. Calandra, *Stabile No. 1258*

Nicole, a chemical engineering student at Worcester Polytechnic Institute, is pursuing bachelor's and master's degrees with a concentration in biology. She's been studying the effect of the lactoferrin protein on *S. epidermidis* bacteria in Prof. Stewart's lab and plans to continue this research for her thesis. Nicole is passionate about inspiring girls to pursue STEM careers, has interned at Pfizer Inc., and hopes to work in the pharmaceutical industry.



James H. Chalmers IV, *Stabile No. 1262*

James is a Mississippi State University senior studying mechanical engineering. He is involved with organizations across campus, including marching in the famous Maroon Band, serving with RUF, leading tours as a Bagley Ambassador, and conducting research with MSU's Athlete Engineering Institute. James plans to pursue a graduate education in industrial eng'g where he can continue to investigate human performance and technologies relating to athletes.



Amy Chou, *Stabile No. 1265*

Amy is a senior double majoring in mechanical engineering and chemistry with a minor in medieval and renaissance history at Duke University. She is involved with campus research working to synthesize bone adhesives to treat bone fractures and part of the Retract club. Outside academics, she likes to volunteer in the Durham community with Meals on Wheels and the Museum of Durham History. Amy would like to obtain a Ph.D. in materials science engineering.



Oscar D. Camargo, *Stabile No. 1259*

Oscar is currently a senior at the University of Florida studying computer science with a minor in mathematics. He dedicates his time to assisting students as a programming tutor and conducting research on melanoma and neuroblastoma cancer cells. Oscar is deeply interested in exploring the intersection of computer science and the life sciences. His future plans include pursuing a master's degree in computer science to continue his academic journey.



Courtney A. Chan, *Stabile No. 1263*

Courtney is studying biomedical engineering at NYU Tandon School of Engineering, where she also graduated with a B.S. in mechanical eng'g. She recently developed a knee ankle foot orthotic leg brace for pediatric cerebral palsy patients and mentored underclassmen to develop a circulation stimulating sleeve for peripheral artery disease. Courtney serves as NY Rho Chapter corresponding secretary, an intern at a BioMEMS start up, and plans a career in the biomechanical industry.



Kunal Chugh, *Stabile No. 1266*

Kunal, a Vanderbilt University senior, is double majoring in electrical & computer engineering and biomedical eng'g with a computer science minor. On campus, he serves as Cricket Club president, TN Beta Chapter vice president, and an electrical technician for Innovation Makerspace. His research at the Haselton Lab focuses on developing innovative, low-cost control systems for medical diagnostics. Kunal plans to pursue a career at the intersection of healthcare and technology.



Anthony J. Cammarano, *Stabile No. 1260*

Anthony is a rising senior majoring in industrial engineering at Rutgers University. He is NJ Beta Chapter president and also a member of the Alpha Pi Mu Industrial Engineering Honor Society. Anthony enjoys finding ways to optimize work systems in order to make them more efficient. After graduating, he plans to pursue a project management career, where he can help businesses become more efficient and sustainable.



Sabrina E. Chandra, *Stabile No. 1264*

Sabrina is a rising senior at University of Miami, studying industrial engineering and will serve on the university's executive board of the Institute of Industrial and Systems Engineering for a third year. She completed an internship with Mastercard on a performance analytics track, hopes to learn more and get involved in AI to contribute to the growing field, and will pursue a graduate degree in data analytics, artificial intelligence, or machine learning.



Christian J. Cipolleta, *Stabile No. 1267*

Christian is an honors electrical & computer engineering major at Rowan University, with a minor in computer science. He does research that tackles unique problems using AI/ML, is NJ Epsilon Chapter vice president, treasurer of the Men's Lacrosse team, and a member of IEEE. Christian is interning a second summer at JHUAPL in the space exploration sector working on NASA projects. He plans to enter the workforce while pursuing a higher degree.



Karla N. Caraballo Soto, *Record No. 1948*

Karla is a chemical engineering student at the University of Puerto Rico - Mayagüez. Her academic journey has been focused on liquid crystals and surfactants research, exploring their applications in developing biosensors. She's served as a PR Alpha Chapter officer and gained industry experience through internships at Bristol Myers Squibb and AbbVie. Karla aims to leverage her academic foundation and experiences to contribute to the manufacturing industry's advancement in producing high-quality products.



Anna Chen, *Record No. 1949*

Anna is a senior majoring in industrial and systems engineering with a triple minor in business administration, engineering management, and R&M, at the University of Tennessee, Knoxville. She has interned with Amazon, TVA, and Tesla as a quality & mechanical engineering intern. This summer, Anna is interning at Apple as an engineering program manager, where she hopes to secure a full-time offer after she graduates this December.



Bridger A. Cole, *Stabile No. 1269*

Bridger majors in mechanical engineering at Montana State University, with a minor in aerospace eng'g, and serves as MT Alpha Chapter president. He has interned at GlaxoSmithKline, contributing as a process & systems engineer, optimizing production workflows and completed an internship at Applied Materials, focusing on semiconductor manufacturing as a process engineer and helping to develop innovative solutions in semiconductor technology. Next, he plans to start a career with an emphasis on process development.



Sarah E. Cole, *Stabile No. 1268*

Sarah is a senior materials science and engineering student at Boise State University, researching nuclear fuels in the Advanced Materials Lab. She is passionate about nuclear energy policy and participated in the Washington Internships for Students of Engineering program and Nuclear Engineering Student Delegation. Sarah also researched materials for energy storage at Stanford's SLAC National Accelerator Lab, plans to pursue a Ph.D., and career in energy policy.



Trevor S. Dady, *Record No. 1951*

Trevor, a senior mechanical engineering major with a mathematics minor at the Univ. of Arkansas at Little Rock, serves as ARBeta Chapter president and vice president of ASME. He is a UALR Rocket League Esports team starter, has experience through internships at Joint Munitions Command and Bernhard, and also conducted research regarding his multi-inlet hydraulic ram pump and auto-adjusting trailer hitch projects. He plans to become a fluid mechanics research scientist after grad school.



Sarah J. Dixon, *Soden No. 27*

Sarah is studying chemical engineering at the University of Kansas with a minor in environmental studies. She's a member of AIChE and Kappa Alpha Theta, where she served as scholarship director, and participates in research through the Wonderful Institute of Sustainable Engineering. Her work focuses on the separation of refrigerant mixtures through fluorinated polymer membranes and has been published. She plans to pursue an industry role in sustainable development initiatives.



Ariel E. Colón-Rodríguez, *Stabile No. 1270*

Ariel is a senior studying mechanical engineering at Western Carolina University. He serves as NC Eta Chapter vice president, Phi Kappa Phi Honor Society member, and as a research assistant working on structural topological optimization applied in additive manufacturing. After graduation, Ariel plans to attend graduate school to work on thermo-fluids research with the goal of working on nuclear power plant design.



Josh M. De Leeuw, *Stabile No. 1272*

Josh is a computer science and operations research senior at Cornell University. He is interested in the intersection of math, technology, and data, and their applicability to a wide variety of fields, such as finance, sports & politics. Josh serves as Cornell Sports Analytics president, participates in research on exam scheduling, and TA'd a variety of eng'g courses. After graduation, he hopes to pursue a career in quantitative finance or software engineering.



Casey M. Dolan, *Stabile No. 1276*

Casey is a rising senior at Lehigh University majoring in materials science and engineering with a minor in economics. Her research experiences have focused on the rheology of polymer-colloid films to improve paints and construction materials. She serves as Lehigh's oSTEM chapter secretary and is president of the women's club basketball team. After graduation, Casey plans to enter the biomedical field through a Ph.D. program centering around polymeric biomaterials.



Maria C. Correa, *Rushing No. 1*

Maria is a senior environmental systems eng'g major with a concentration in sustainable urban systems at Stanford Univ., with an art history minor. She's worked with the university's Residential and Dining Dept. for two years as a zero waste intern and with non-profits like Ocean Conservancy. Her research has explored the relationship between the built environment and well-being; her honors thesis will explore this in the context of transportation access in San Francisco.



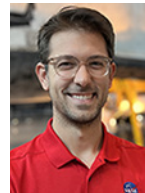
Noah R. Decker, *Stabile No. 1273*

Noah is a senior at Rochester Institute of Technology, studying chemical engineering. He has enjoyed his coursework at RIT and hopes to use his degree to pursue a career in chemical and pharmaceutical process development. In his free time, Noah enjoys basketball, listening to music, and watching horror movies.



Charles T. Dolph, *Forge No. 151*

Charles, a mechanical engineering student at California State University, Long Beach, returned to school in 2020 after working as a professional musician and hopes to advance space exploration with his eng'g knowledge. He's had several internships, including at NASA's Langley Research Center (two sessions) in composite materials research. Charles also worked as a materials eng'g intern at Vast Space, which is scheduled to launch the world's first commercial space station.



Gemma M. Crowe, *Stabile No. 1271*

Gemma is an international student from the United Kingdom, majoring in mechanical engineering at Christian Brothers University. She serves as ASME chapter president and a member of both SAE Aero Design and Baja SAE teams. This summer, she's working as a design engineer intern at Southern Systems Intl., an industrial conveyor company. Gemma is captain of the Div. II women's soccer team and hopes to pursue a master's degree before working in industry.



Meredith K. Depuy, *Stabile No. 1274*

Meredith is studying industrial & systems engineering at Virginia Tech with a minor in business. She is currently the student committee chair for the Society for Health Systems, and involved in her STEM sorority, Alpha Omega Epsilon. Meredith also conducts process improvement research for a local non-profit food pantry and plans to pursue a consulting-based career with a strong commitment to expand opportunities for women in STEM.



Padma Deepa Doppalapudi, *Skaggs No. 20*

Padma Deepa is a senior majoring in electrical engineering at Wright State University with a minor in assured & trusted digital microelectronics and mathematics. She serves as Asian Student Assoc. vice president and is a member of Engineers Without Borders, IEEE, and iGEM. A researcher in the electrical eng'g dept., she focuses on the design and implementation of semiconductor technologies. Padma Deepa plans to pursue a graduate degree focusing on VLSI and circuit design.



Michael A. Daanen, *Record No. 1950*

Michael is a rising senior biomedical engineering major pursuing computer science and applied mathematical modeling minors at Bucknell University. He participates in research within the Ultrasound and Mechanobiology lab, investigating the potential of therapeutic ultrasound in healing chronic wounds. Michael is a project engineering intern at Globus Medical, working on medical device design in the musculoskeletal space and hopes to pursue this as a career.



Porter B. Dixon, *Stabile No. 1275*

Porter is a rising senior at Brigham Young University studying electrical engineering. He has a passion for optoelectronic devices, including lasers and solar panels. As a research assistant, he's led innovative research in astro-photic spectroscopy and mastered a wide array of clean-room fabrication techniques. Porter is also an intramural soccer champion, fluent in Vietnamese, and expects to attend graduate school after graduation.



Treyton A. Dorrell, *Stabile No. 1277*

Trey is a mechanical & aerospace engineering student at Oklahoma State University with a minor in Spanish. He serves as W5YJ Amateur Radio Club president and VP & propulsion lead for the Space Cowboys rocketry club. A Goldwater Scholar, Trey has interned at GE Aerospace, worked with the Oklahoma Aerospace Institute for Research and Education, and aspires to contribute to advancements in space exploration & technology with a Ph.D. in propulsion research.



Emma J. Dreyer, Record No. 1952

Emma is a University of Vermont senior environmental engineering student working towards an undergraduate certificate in computer-aided engineering technology. She is VT Alpha Chapter president and currently researching active transportation modeling. After graduation, Emma hopes to work in either the water or transportation sector of environmental engineering and later pursue a master's degree.



Pierson J. Ederle, Stable No. 1280

Pierce is a mechanical engineering major at the United States Military Academy, concentrating in computational engineering research. His work is focused on contaminant dispersion modeling, with unique applications to human health and national security. After graduation, Pierce will commission as a second lieutenant in the United States Army and pursue graduate school before joining the operational force.



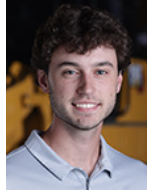
Cheyenne M. Ethridge, Stable No. 1283

Cheyenne is a rising senior studying civil engineering with an environmental emphasis at the University of Mississippi. She is a member of the Honors College, Ole Miss First Scholars, and ASCE chapter president. She has worked as a research assistant for the Center for Graphene Research and Innovation, a teaching assistant for statics, and is currently interning at Kimley-Horn. She plans to pursue a career in water resources consulting after graduation.



Ethan L. Duff, Stable No. 1278

Ethan is a senior studying mechanical engineering at Valparaiso University with a minor in mechatronics. He has completed concentrated solar power research on campus and will serve as IN Delta Chapter president for the upcoming school year. Ethan has had two internships with Caterpillar, which has led to hopes of pursuing a career in the energy industry.



Catherine E. Elliott, Dodson No. 97

Catherine is a senior at the University of Maryland (UMD) studying civil eng'g with minors in global engineering leadership and statistics. She's serving as MD Beta Chapter president for the second year and works in the environmental eng'g lab at UMD researching persistent organic pollutants. After graduation, Catherine plans to pursue an M.S. in environmental engineering and work in water and wastewater treatment.



Hannah C. Even, Stable No. 1284

Hannah is a student researcher and mechanical & aerospace major with materials science and computer science minors at Princeton University. Her interests lie in sustainable energy production and manufacturing processes and she's NJ Delta Chapter president, Materials Research Society VP, and a content committee member of Science Olympiad. Hannah has researched quantum mechanical modeling, interned at GE Verona, and plans a career in sustainable manufacturing processes.



Mary H. Dunbar, Stable No. 1279

Mary is double majoring in chemical engineering and statistics at Oklahoma State University and is a member of SWE and AIChE. She's worked in the additive manufacturing makerspace lab, as a math tutor, and completed research projects in materials science, focusing on corrosion and high entropy alloys. As a NASA Pathways intern, Mary's been at the Johnson Space Center since 2022 and plans to pursue a Ph.D. and career at NASA.



Josiah T. Entner, Stable No. 1281

Josiah, born in Beijing, China, has visited 35 countries on six continents. At Cedarville University, he's a civil engineering major with an international infrastructure concentration. Josiah is a volunteer at his church and tutors K-12 students. A lifelong learner and Eagle Scout, he hopes to pursue a graduate degree, move overseas, and use his engineering knowledge to benefit communities in developing countries by providing shelter and clean water.



Taylor R. Fanning, Record No. 1954

Taylor graduates from Michigan Technological University this fall with her B.S.E. in systems engineering and in spring of '25 with her master's of engineering management. She's serving as MI Beta Chapter president and is involved in the Systems Engineering Association, SWE, and works at her school library. Her previous internships have been in quality, reliability, and project management, and hopes to follow along this path after graduation.



Madeline E. Dunsmore, Record No. 1953

Madeline is a senior biomedical engineering major and chemistry minor at Rowan University. She has conducted research in the fields of synthetic biology & immunoen지니어ing and is currently developing diagnostic tools for preeclampsia in these fields. Madeline is also SWE chapter vice president at Rowan and an active member of BMES. After earning her degree, she plans to pursue a career in the pharmaceutical industry.



Dylan M. Ernst, Soden No. 28

Dylan is a senior in chemical engineering with a minor in mathematics at the University of Kentucky and is also obtaining certificates in distillation, wine & brewing studies, lean systems, and environmental eng'g. He's been involved in tutoring, AIChE, and the Innovation Center Makerspace. Dylan conducted research in packed bed fluidization at the Univ. of South Carolina, interned with Heaven Hill Brands and Milestone Design Group, Inc., and plans to begin his career in the spirits industry.



Sofia J. Fardella, Record No. 1955

Sofia, a senior at the University of Wisconsin-Madison, is majoring in biomedical engineering with specialization in bioinstrumentation. She participates in the Biomedical Engineering Society, SWE, and women's intramural soccer. Her internships at Abbott have sparked an interest in electrophysiology, motivating her to design medical devices that aid in diagnosing and treating arrhythmias. Sofia aims to work in R&D or clinical eng'g at a medical device company.



Marco T. Ebling, Nelson No. 1

Marco is a senior at the University of Southern California studying electrical engineering and pre-med. He's a member of the club basketball team and served as a practice assistant for the USC Women's Varsity Basketball team. Marco has contributed as a researcher in the ACME and ITEMS lab and the Mazur Group at Harvard Univ. He hopes to work for a biomed eng'g company, apply to M.D./Ph.D. programs, and use his engineering background to further medicine.



Anthony D. Esposito, Stable No. 1282

Anthony is a senior at Marquette University. His particular interests within the computer engineering major include electronic hardware and embedded systems. This summer, Anthony worked as an electrical engineering intern for Milwaukee Tool in their Chicago office. During the academic year, he works as a resident assistant at Marquette. Outside of his studies, Anthony enjoys working out, golfing, and playing guitar.



Abigail S. Farhat, Nelson No. 2

Abby is a senior studying computer science and game design at the University of Southern California. She is a published game designer, prototyped augmented reality spacesuit interfaces for NASA, and has interned for the past three summers at Bloomberg L.P. After graduation, she plans on pursuing her own venture in the consumer tech space.



Nicole A. Fiebiger, *Stabile No. 1285*

Nicole is studying civil engineering at the University of Nebraska-Lincoln and is interested in the study of vertical structures. She's always admired architecture and cannot wait to contribute to communities through her work. Nicole is also a member of ASCE and competes in the Concrete Canoe Competition. She has been interning with Davis

Design as a structural intern and loved seeing the wide variety of possible projects to be a part of.



Ella E.M. Freeman, *Record No. 1957*

Ella is a senior at the University of Louisville majoring in electrical engineering. She is a member of Mortar Board and heavily involved in community service and leadership events. Ella is a university grader and a returning electrical design intern at CMTA. She plans to pursue a master's degree, take the FE exam, become a professional engineer,

and aspires for a career focusing on the importance of sustainability and the reduction of energy consumption.



Mrigayu Ghosh, *Record No. 1958*

Mrigayu majors in biomedical engineering and biochemistry at the University of Texas at Austin with a French studies minor. He engages in stem cell research in Dr. Aaron Baker's lab, contributes as a TA, member of the Biomedical Engineering Society and Texas Engineering World Health, and serves as TX

Alpha Chapter VP of corporate relations. Mrigayu aspires to pursue a graduate degree and a career in tissue engineering research and teaching.



Ingridy N. Foltran, *Stabile No. 1286*

Ingridy is a D1 volleyball player and civil engineering major at the University of Texas Rio Grande Valley (UTRGV). She proudly serves as TX Nu Chapter president, received the UTRGV Outstanding International Female Student Award, and works at the Office for Sustainability as a student assistant. Ingridy is also a 2023-24 WAC Conference

Student-Athlete Emerging Leader and active with BRASA, focused on empowering future Brazilian leaders.



Logan B.M. Freeman, *Stabile No. 1288*

Logan is a senior studying mechanical engineering at Utah State University. He does research in the USU AeroLab on hypersonic aerodynamics and works at government contractor Arcfield. Outside of school and work, he enjoys trail running and volunteers for a local children's athletics club. After graduation,

Logan plans to pursue a graduate degree in aerospace engineering, work in the defense industry, and perform cutting-edge research.



Jenna V. Giesecke, *Stabile No. 1290*

Jenna is a rising 5th year co-op student majoring in mechanical engineering at Stevens Institute of Technology. She's also pursuing a graduate certificate in medical devices and volunteers as an EMT for the city of Hoboken. As a co-op, Jenna has worked for companies such as Johnson & Johnson and Zimmer Biomet, which spurred her love of the medical device field.

After graduation, Jenna hopes to work for a medical device company in either design, manufacturing, or application.



Brian D. Foster, *Farmer Family No. 1*

Brian, an Ohio State University senior, majors in honors computer science engineering with a specialization in AI and a minor in mathematics. He will serve a second year as OH Gamma Chapter president and is passionate about neural networks, machine learning, and design patterns. Brian interned as a front-end web developer for Bath & Body Works and aims to drive innovations in artificial intelligence.



Claire C. Fuerst, *Beans No. 2*

Claire is a senior at University of Toledo majoring in chemical engineering with a chemistry minor. She has served as Ohio Zeta Chapter treasurer and vice president and interned in several different industries including paint and coatings, consulting, and is currently working at a refinery as a process engineering co-op. After graduation, Claire hopes to

pursue a career in the energy or petroleum industries.



Jaime M. Girtain, *Stabile No. 1291*

Jaime is a junior mechanical engineering major at The College of New Jersey. She is NJ Zeta Chapter recording secretary, plays for the TCNJ Women's soccer team, and is a member of Zeta Tau Alpha. This summer, Jaime was chosen for the Naval Research Enterprise Internship Program at Lakehurst Naval Base. She plans to pursue a graduate degree in mechanical engineering and possibly a Ph.D.



Amelya G. Fox, *Record No. 1956*

Amelya studies biomedical engineering at the University of Tennessee, where she conducts biomedical imaging research. In 2023, she was a summer research fellow at Purdue Univ. and in 2024 spent the summer as an Amgen Scholar at Harvard Univ. Amelya is Biomedical Engineering Society chapter president, an editor for *Pursuit Undergraduate*

Research Journal, a 2024 Goldwater Scholar, and hopes to pursue a Ph.D. in biomedical engineering.



Ryan J. Galvan, *Stabile No. 1289*

Ryan is pursuing a mechanical engineering degree at the University of Texas Rio Grande Valley, graduating Fall 2025. He is TX Nu Chapter treasurer, an ASME team lead, a Freshman Engineering Mentor, and an active member of the Society of Hispanic Professional Engineers. Ryan is interning with the Texas DOT as an engineering support intern and aspires to pursue a master's in engineering management to further his expertise and advance his career in engineering leadership.



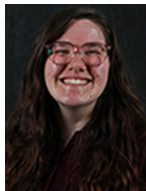
Emily A. Gladden, *Record No. 1959*

Emily is a senior studying biomedical engineering and French at the University of South Carolina. She volunteers at the local children's hospital, as a university mental health ambassador, and research assistant at the USC School of Medicine. She's completed a research project examining the expression of glucocorticoid receptors in a mouse model of Fragile X Syndrome. Emily is passionate about learning new languages, styles of dance, and hopes to attend medical school and work with underserved populations.



Jessica A. Frank, *Stabile No. 1287*

Jess is a senior studying geological engineering at the Missouri University of Science and Technology, where she is involved in visual arts and undergraduate research. After obtaining her B.S., Jess plans to pursue an accelerated M.S. in geological engineering and will continue to study groundwater and surface water interactions.



Nolan R. Gerdes, *Steadman No. 1*

Nolan is a civil engineering major at the University of Wyoming, minoring in outdoor leadership. He's had study abroad experiences in the European Alps and Alaska's Chugach Mountains to provide an interdisciplinary lens to his studies. Nolan serves as a researcher with involvement in the Mountain Hydrology Lab studying the effects of wildfires on soil hydraulic properties. An intern for Western Water Consultants, he plans to pursue graduate school and a career in water resource or hydraulic engineering.



Andrea C. Godoy, *Record No. 1960*

Andrea, a senior at the University of Miami, is studying biomedical engineering with an electrical concentration. Born in Venezuela, she is a first-generation college student that excels in leadership roles, such as regional student rep and STEM advocate with SHPE. Andrea is involved in vagus nerve stimulation research for spinal cord injury patients under Dr. Patrick Ganzer and interested in working on new technologies to aid in the betterment of health services.



Julia R. Going, Scribner No. 80

Julia, a rising senior in environmental engineering at the University of Central Florida, is starting her 2nd year on the FL Delta Chapter executive board as recording secretary. She's a coxswain for the UCF D1 Women's crew team and spends her time training and competing. Julia spent the summer doing materials engineering research at Donga Univ. (S. Korea). She aspires to pursue a graduate degree focusing on the intersections between environmental and materials engg.



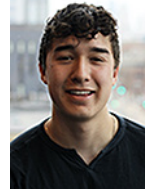
Hankel L. Haldin, Record No. 1963

Hankel, a senior studying computer engineering at Iowa State University, performs research in wireless network technologies that better connect rural communities. Following graduation (May 2025), he plans to continue his studies focusing on computer architecture and programming languages in graduate school. In his free time, Hankel enjoys sharing music with the community and volunteering with the IA Alpha Chapter.



Sebastian M. Helgeson, Stabile No. 1295

Sebastian is a senior at the University of Minnesota studying computer science with a focus in robotics and minor in product design. He's previously worked in engineering communications at Saint Anthony Falls Lab, conducted research at the Human Machine Design Lab prototyping a motorized wheelchair, and interned in robotics software at PAR Systems. He is MN Alpha Chapter president, does pro-bono product design consulting, and plans for graduate school.



Jackson E.H. Granat, Berthold No. 3

Jack is a senior physics major with a mathematics minor at the University of Illinois at Urbana Champaign. He is IL Alpha Chapter president, mentors underclassmen physics majors, and has conducted research in computational plasma physics and molecular dynamics in collaboration with the KTH Royal Inst. of Tech. (Stockholm). He plans to pursue a Ph.D. with the goal of helping to make fusion reactors a reality.



Stephanie Handford, Stabile No. 1293

Stephanie is studying mechanical engineering with an art minor at the University of Mississippi. She is an SOE ambassador, member of Phi Kappa Phi, and worked as a research assistant in high-speed aeroacoustics. Stephanie has interned with SpaceX (Falcon 9 operations), at Apple (Mac product design), and GE Healthcare (magnetic resonance technologies). She also completed research at TU Dresden (Germany), co-owns Ketchup Please, an organic ketchup company, and hopes to pursue a Ph.D.



James P.G. Hindy, Stabile No. 1296

James is a senior mechanical engineering student at Georgia Southern University and a member of Pi Tau Sigma and the honors college. As an Eagle Scout, James takes pride in volunteer work and the pursuit of new leadership skills. As such, he serves as Theta Xi Fraternity academic chair and as a Boy Scout summer camp counselor. With a passion for working on classic cars, James plans to use his upcoming capstone project to expand his understanding of the automotive industry.



Jadyn E. Guidinger, Stabile No. 1292

Jadyn is a chemical engineering student with a minor in biomedical engineering at the University of North Dakota. She serves as UND Engineers Without Borders president, works on a water purification and distribution project, and is part of the Grand Challenges Scholars Program. Jadyn has internship experience with process engineering teams at AbbVie and Pfizer. After graduation, She plans to work in the biotechnology industry.



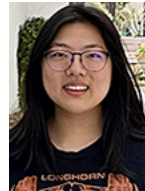
Brennan S. Harms, Stabile No. 1294

Brennan is a senior mechanical engineering student at the University of Nebraska-Lincoln. His passion for mechanical engineering emanated from working on dirt bikes and operating CNC machines. Brennan is an engineering intern at LI-COR Biosciences designing fixtures and components to accelerate manufacturing processes. He plans to continue research studying the fluid mechanics of insect wing vascular networks and pursue a career in mechanical design engg and analysis.



Gloria Y. Huan, Stabile No. 1297

Gloria is a senior studying mechanical engineering at the University of Texas at Austin. She has interned in both manufacturing and blade equipment engg at Gillette and is involved in cyber-physical-systems research to enhance driving safety. She plans to pursue a master's in mechanical engineering. Gloria has served as TX Alpha Chapter director of professional development, is a part of Women in Mechanical Engineering, and Texas Rocket Engineering Lab at UT.



Halide Zeynep Haciguzeller, Record No. 1961

Zeynep, a biomedical engineering student at Boston University, is a Trustee Scholar, a prestigious merit scholarship, has conducted research in labs since her freshman summer. She's been working on exogenous and endogenous gene delivery and expression control through RNA systems and received multiple research honors. Zeynep holds leadership positions in TBII, Turkish Student Assoc., and the DREAM Program and plans to pursue a Ph.D. and a research career in nanotechnology and synthetic biology.



Nicholas L. Harrell, Dodson No. 98

Nicholas, a senior, is studying computer engineering and mathematics at the University of Maryland, Baltimore County with a focus on computer and electrical communications networks. He is active in the computer science and electrical engineering dept., serving as a teaching assistant for computer science & computer engg courses. He is also IEEE chapter president and a Meyerhoff Scholar. Nicholas wants to pursue his Ph.D. in the field of autonomous and swarm robotics.



Ethan D. Huchler, Stabile No. 1298

Ethan is a chemical engineering and chemistry major at Virginia Commonwealth University, with a mathematics minor. He's participated in leadership roles as VA Epsilon Chapter president and past VP of his fraternity. Ethan interned at DuPont in Kevlar polymerization process and solvent recovery. Passionate about sustainable technology and solutions, his research focuses on battery technology and he co-authored a published paper on NCM oxalate cathode material production. Ethan is eager to make an impact on global challenges through his work.



Michaela N. Haengen, Record No. 1962

Michaela is a senior chemical & biomolecular engineering student with a chemistry minor at the Milwaukee School of Engineering. She serves as WI Delta Chapter president, participates in a research group dedicated to drug discovery using computational methods, is a member of MSOE's Div. III Women's Tennis Team, and Choir & Theatre Troupe. Michaela plans to pursue a Ph.D. to conduct research on microorganisms and proteins to



Eric He, Alabama Power No. 21

Eric is a senior studying nuclear engineering at the University of California, Berkeley. He is passionate about nuclear as a source of clean energy in the future and has done research on nuclear fusion at the University of Tokyo and Lawrence Berkeley National Lab. After his B.S. degree, he plans to continue his education and pursue a Ph.D. in a similar field.



Jennifer M. Hughes, Scribner No. 81

Jennifer is double majoring in environmental engineering and biology with a bioengg minor at the University of Central Florida. She previously researched nanoparticles for plant growth and photo-algal biohydrogen production and is conducting a thesis on wastewater bioremediation by microalgae. Jennifer serves as FL Delta Chapter corresponding secretary, plays clarinet in UCF's concert band, is involved in mentorship, and plans to attend graduate school.



Michael S. Ibrahim, Record No. 1964

Michael is a rising senior at the University of Washington double majoring in computer science and informatics. During his time at UW, he's been a student ambassador, teaching assistant, and research assistant focusing on creating embedded system software for micro-scaled robots. Michael interned as an engineer at Boeing and NASA in previous summers and, after graduation, plans on pursuing doctoral studies in computer science and engineering.



Jenner K. Johnson, Stable No. 1300

Jenner, a senior at Worcester Polytechnic Institute (WPI), is majoring in aerospace engineering with a minor in physics. He currently serves as MA Alpha Chapter secretary and former secretary of Sigma Gamma Tau, the aerospace honor society. At WPI, he is also a member of the high-power rocketry club and tennis team club. Jenner plans to pursue a master's degree in aerospace engineering and hopes to work in spacecraft propulsion.



Andrew J. Kehmeier, Record No. 1967

Andrew is a senior at Colorado State University (CSU) studying biomedical & mechanical engineering. He currently works as a rehab engineering intern at Craig Hospital, and also completed a cardiac catheterization project at CSU this past year to create a novel cardiac catheter. After graduating, he hopes to work in the cardiac field and be involved in creating devices that help save lives..



Harrison T. Iles, Lyons No. 14

Harrison is a senior pursuing a degree in electrical and electronics engineering at the University of Georgia. He serves as IEEE student branch VP, leading initiatives to promote professional development, and has published multiple research papers on photovoltaics, exploring the potential of solar energy to create sustainable power solutions. Passionate about combining his programming skills with power eng', Harrison aims to develop cutting-edge technologies.



Charles J.M. Jouaneh, Stable No. 1302

Charles is a senior studying chemical engineering with a minor in mathematics at the University of Rhode Island. He serves as RI Beta Chapter secretary, vice president of the AIChE student chapter, and as an undergraduate research assistant in Dr. Poling-Skutvik's lab for soft matter. Long term, Charles plans to earn an M.D./Ph.D. in chemical engineering and advance translational research efforts in biomaterials and drug delivery.



Naomi E. Kern, Stable No. 1305

Naomi, a senior in chemical engineering at the University of Washington, is minoring in Spanish and studying Japanese, with hopes to apply her knowledge to engineer international solutions, namely climate change. She has worked on multiple research projects, such as metabolic eng-g of methane-consuming bacteria, tutored Seattle K-12 students in STEM, and served as a supplemental instructor. A first violinist for the campus Philharmonic Orchestra, Naomi plans to pursue a Ph.D.



Kathryn S. Ix, Stable No. 1299

Kathryn is an honors student at Villanova University pursuing a computer engineering major and a minor in computer science. She is Villanova's IEEE chapter president, co-president of the Engineering PEERS tutoring program, a member of Eta Kappa Nu, and a teaching assistant for Physics 1 and 2. Kathryn has held internships at Medtronic, Kenvue, and a fintech startup company and hopes to pursue a career in healthcare technology.



Sachin V. Kammula, Record No. 1966

Sachin is a chemical and biomolecular engineering major at Johns Hopkins University. He spent the summer developing spatial transcriptomic technologies at the Broad Institute of Harvard/MIT and has conducted research in drug delivery and neurodegeneration. He serves on the JHU boards of AIChE and TBP, worked as a consultant for the JHU Technical Communications Lab, and plans to continue working to develop translational bioengineering tools.



Anamica Khadgi, Record No. 1968

Anamica is a senior studying biomedical engineering at Mississippi State University. She's been conducting research in evolutionary biology and completed a summer program at Emory Univ. investigating the effects of obesity on B-ALL progression. Anamica is involved with MSU Student Govt. as a senator, competes nationally for the MSU Debate Team, and plans to pursue an M.D./Ph.D. program, aspiring to work on translational research in cancer immunology.



Karen Jin, Record No. 1965

Karen is a senior majoring in biomedical engineering and minoring in computer science at the University of Michigan, where she serves as MI Gamma Chapter vice president. She is involved in research on gene therapy for cardiovascular diseases, works as a teaching assistant, and has held a research fellowship at the Michigan Medicine Frankel Cardiovascular Center. Karen plans to pursue a Ph.D. and work as a research scientist in pharmaceuticals or biotechnology.



Marina Katoh, Stable No. 1303

Marina, a junior, is studying computer science, mathematics, and cyber security at the University of Tulsa. She serves as Root66Tulsa Cyber Clubs president and researches in the areas of machine learning, model vulnerability, and human-AI negotiation. This summer, she's interning at Microsoft in the identity and network access division as a software engineer. Next, Marina plans to attend graduate school to continue her studies in computer science.



Georgianna Y. Khong, Record No. 1969

Georgianna is a University of Alabama at Birmingham senior, pursuing B.S./M.S. degrees in biomedical engg. She serves as UAB Ambassador Program president, as a School of Engineering ambassador, as a TA for engineering and science courses, and researches bacterial infection in microphysiological cardiac tissue chip models. Georgianna interned at Evonik in the medical device competence center, studying plasma gas treatment on 3D-printed biomaterials and hopes to attend medical school.



Hope I. Johnson, Stable No. 1301

Hope is a Leadership Scholar at Syracuse University, majoring in chemical engineering with a minor in engineering and computer science management. She volunteers with STEM programs at local elementary and middle schools and plays for the Syracuse Women's Club Soccer Team. Hope has interned with GE Aviation, Bristol Myers Squibb, and Procter & Gamble. After graduation, she plans to pursue a career as a process engineer and obtain her MBA.



Meryl R. Keeler, Stable No. 1304

Meryl is a senior at Oregon State University, double majoring in chemical engineering and chemistry with a materials science minor. She serves as OR Alpha Chapter president, a teaching assistant, and Tau Sigma chapter secretary. Her interests are in micro/nano-devices, including research in Dr. Chih-hung Chang's lab synthesizing metal-organic framework films for gas sensors and two 3-month internships in thin films process engg at Analog Devices, Inc.



Thomas A. King, Stable No. 1306

Thomas is a senior at the University of Notre Dame studying mechanical engineering with an engineering corporate practice minor. He has completed internships with Arco/Murray Construction and Lockheed Martin Aeronautics. In his junior year, he conducted machine learning research and led Notre Dame's new Mars rover competition team. He serves as IN Gamma Chapter secretary and hopes to join the aerospace industry upon graduation.



Allison J. Knapp, *Stabile No. 1307*

Allison is a senior studying mechanical engineering at the University of Cincinnati with a robotics & automation minor. She has completed five internships in manufacturing, design, project, and testing roles at companies such as Procter & Gamble, Eastman Chemical Co., and Midmark. Alli has served as treasurer for both the OH Beta Chapter and Engineers

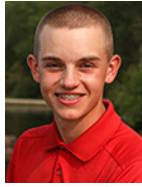
Without Borders, as a member of the UC boxing club, and plans to pursue a career near her family in rural Ohio.



Austin M. Konrath, *Stabile No. 1309*

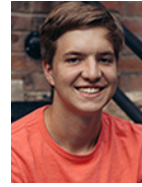
Austin is a civil engg junior at University of Minnesota Duluth (UMD). Originally from Stevens Point, WI, he chose to attend UMD due to its proximity to the Boundary Waters and Lake Superior, where in the summers, Austin is a boundary waters guide. He is pursuing a civil engg career to do his part in protecting the environment and as a member of

the next generation of engineers, feels a responsibility to incorporate sustainability into his work.



Joseph E. Krejchi, *Record No. 1972*

Joseph is a senior at Iowa State University (ISU) majoring in cyber security engineering. He served as IA Alpha Chapter communications director and is also involved in FarmHouse Fraternity and multiple cyber-security extracurriculars at ISU. After graduation, Joseph plans on attending graduate school or starting a career in computer engineering or cybersecurity.



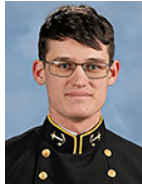
Otto K. Knittel, *Stabile No. 1308*

Otto, a rising senior at Missouri S&T, is pursuing a mechanical engineering bachelor's degree. He will be a MO Beta Chapter officer for the third consecutive semester, taking on the role of corresponding secretary. Otto is also an S&T varsity track and field athlete and Baja Design Team member. He has interned at Toyota, TVH Parts Company, and Burns and McDonnell, and hopes to continue working full-time after graduation.



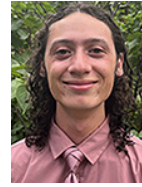
Andrzej J. Korlacki, *Stabile No. 1310*

Andrzej is a United States Naval Academy midshipman from Lincoln, Nebraska. He's pursuing a nuclear engineering and computer engineering double major. Andrzej is a member of USNA's Cybersecurity Team and will serve as the operations officer during fall semester of his senior year. He will also be doing research on the additive manufacturing of plastic radiation detectors as a Trident Scholar and hopes to commission as a 2nd Lieutenant in the Marine Corps.



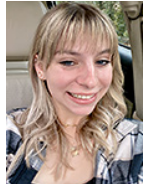
Marlin U. Kropp, *Stabile No. 1312*

Marlin is a mechanical engineering major at University of Colorado Boulder, with a minor in Classics, and intentions to graduate May '25 and work in the renewable energy industry. He's studied abroad at Univ. College Dublin, worked with Engineers In Action's Bridge Program, and currently with CU faculty to help improve STEM curricula for college and elementary students. Marlin is an active member of the CU honors program and serves in a leadership role with the university's marching band.



Kathryn F. Knowles, *Forge No. 152*

Kathryn, a junior, is studying mechanical engineering with a mathematics minor at California State Univ., Sacramento. She's working as a student assistant in the ME Dept. metal shop, and participates in clubs such as Hornet Racing FSAE, Society of Manufacturing Engineers, and Vertical Flight Society. This fall, she will continue as SWE professional event coordinator, plans to pursue a master's degree, and possibly a Ph.D.



Logan A. Krause, *Record No. 1971*

Logan is a student at the University of Wisconsin-Platteville with a double major in environmental engineering and ecological restoration. Upon graduation, he plans to pursue a career in stream and wetland restoration. Logan actively leads UW-Platteville's Lutheran Student Fellowship, is involved in Engineers Without Borders, and traveled to Ghana in January of 2024 to help construct school buildings.



Ava T. Lanczy, *Nagel No. 72*

Ava is a senior in biomedical engineering with a bio-instrumentation emphasis at the University of Wisconsin-Madison. She served as WI Alpha Chapter volunteer coordinator and is also active with BMES and SWE. Ava has been involved in Parkinson's Disease research in Burger Neuroscience Lab and will work in systems software development at Exact Sciences until graduation. She plans to pursue a career in the medical device/biotech industry.



Landon J. Kocer, *Skaggs No. 21*

Landon is a senior electrical engineering student with a computer science minor at South Dakota State University. He will serve as secretary for South Dakota State's chapter of Eta Kappa Nu. Landon has spent his last two summers interning with Raven Industries as an embedded software engineer. After graduation, he hopes to pursue a career as an embedded software engineer.



Maxwell L. Krauth, *Forge No. 153*

Maxwell is a mechanical engineering major at the University of California, Santa Barbara, with a Spanish minor. Originally from Bethesda, MD, he serves as CA Sigma Chapter social chair and has interned at a variety of companies, including Inovati and Aptitude Medical Systems. On campus, he is a member of Sigma Chi and Delta Sigma Pi. Maxwell has interests in renewable energy and bioengineering with plans on potentially acquiring an MBA or master's in engineering.



Hunter S. Larson, *Alford No. 26*

Hunter is a senior electrical engineering student at UC Santa Barbara, focusing on embedded systems and computer architecture. He has served as both CA Sigma Chapter president and webmaster. Hunter has interned at MicroVu and Advanced Life Technologies and currently works at Teledyne FLIR, designing thermal cameras. He aims to complete a master's degree in computer engineering at UCSB, after which he will pursue a career in embedded systems design.



Michael F. Kong, *Record No. 1970*

Michael is studying biomedical engg and computer science at Case Western Reserve University. He has explored his interest in the applications of artificial intelligence in medicine through the INvent Lab, applying deep learning technologies to analyze rectal cancers and Crohn's Disease using MRIs. He's also BMES secretary, a TA, and peer advisor. Michael hopes to pursue medical school to integrate advances in bio-engineering and artificial intelligence to clinical practice.



Vance E. Kreider, *Stabile No. 1311*

Vance is studying mechanical engineering at the University of Michigan, with minors in mathematics and music. He currently serves as MI Gamma Chapter external vice president. Vance has played trumpet for 12 years and performs regularly with ensembles, including the University Symphony Orchestra and the U-M Symphony Band. This summer, he is working as an intern in the nuclear power industry and hopes to begin a master's degree or pursue a career in industry.



ChengEn "Daphne" Lee, *Forge No. 154*

ChengEn is a rising senior at the University of California, Irvine, pursuing a degree in computer science & engineering. She serves as CA Tau Chapter vice president and as Engineering Student Council vice president internal at UCI. ChengEn is also an active member of the UCI CubeSat project and interned at the Industrial Technology Research Institute in Taiwan, contributing to semiconductor research and publications. Next, she plans to pursue a career in software engineering.



William J. Liang, Record No. 1973

Will is a computer science major and mathematics minor at the University of Pennsylvania. He is currently researching robot learning at the intersection of robotics, machine learning, and computer vision. After graduation, Will plans to pursue a Ph.D. in computer science and contribute to the future of embodied AI.



Phylicia Ma, Record No. 1975

Phylicia is a senior materials science and engineering major with a business administration minor at Carnegie Mellon Univ. She is passionate about STEM outreach and will serve as CMU Science Olympiad vice president for 2024-25. Additionally, she represented CMU at the 2023 TMS Materials Bowl, where the team achieved 2nd place. Phylicia has interned at Covestro twice, working with automotive coatings and medical grade polycarbonates. She plans to work full-time in the chemical industry.



Abigail J. Mastromonaco, Stabile No. 1316

Abby is majoring in plastics engineering at the University of Massachusetts Lowell. With a focus on sustainability, she has experience researching enzymatic recycling of plastics and internship experience at a renewable electrolysis start-up. She's held leadership positions, including MA Theta Chapter president, Student Society for Sustainability VP, and Society for Plastics Engineers VP. Abby plans to pursue a master's degree and work in a role that joins plastics and sustainability.



Jade Lorences, Record No. 1974

Jade is pursuing a biomedical engineering degree at the New Jersey Institute of Tech. She has interned at Regeneron and Getinge, working on pharmaceuticals and managing coronary bypass surgery medical devices. Jade also worked with Merck and the NJ Innovation Institute to cultivate a program for rising digital pharma. On campus, she's the Student Activities Council VP of finance and aspires to pursue an MBA while working and applying her experience to improving medical devices.



Alan L. Mach, Record No. 1976

Alan is a rising senior studying biomedical engineering at Brown University. He serves as RI Beta Chapter secretary and treasurer, Engineering Dept. Undergraduate Group financial chair, Providence Medical Orchestra librarian, a TA for multiple engg and math classes, and a first-year peer advisor. Alan is currently involved in research in multiple fields, including neuromodulation and insect biomechanics. He hopes to contribute to the advancement of medical devices and aspires to work as a doctor-engineer.



Kenna J. McAllister, Stabile No. 1317

Kenna is a civil & environmental engineering major at Virginia Military Institute from Las Vegas. After graduation, she will commission as a 2nd Lieutenant in the U.S. Air Force with aspirations of being a civil engineering officer. Kenna is a member of the American Society of Civil Engineers with an interest in structural engineering and reinforced concrete design. In her senior year, Kenna will serve as VA Delta Chapter vice president, along with holding the fourth highest rank in the corps of cadets.



John Loshuk IV, Stabile No. 1313

John is entering his senior year of civil engineering at Youngstown State University and is member of the honors college. He is currently working as a water engineering intern at CT Consultants in Youngstown. John enjoys outdoor activities such as kayaking, fishing, hiking, and also traveling. Upon graduation, he would like to obtain a career as a hydraulic/environmental engineer.



Alanna M. Makarchuk, Stabile No. 1315

Alanna, a senior, is studying computer engineering at Lawrence Technological University (LTU) in Southfield, MI. She competes on the university women's golf team, serves as IEEE/Eta Kappa Nu secretary, and as president of LTU's Society of Physics Students. Alanna currently works as an NVH intern at ITT Motion Technologies, where she works on noise reduction for car brake systems. Alanna hopes to work in the industry before pursuing a graduate degree.



Douglas K. McDonough, Stabile No. 1318

Douglas is a senior at Stevens Institute of Technology, studying mechanical engineering with an aerospace concentration. He's also pursuing graduate certificates in robotics & controls and design & production management. Douglas serves as NJ Alpha Chapter treasurer, is involved in Engineers Without Borders, and held several engineering internships, including at Stryker and Johnson & Johnson. He is currently working on surgical robotic lab projects and plans to pursue a master's degree.



Quentin C. Lovejoy, Stabile No. 1314

Quentin is a civil engineer studying transportation at Purdue University and currently works as a co-op with HNTB as a roadway designer. At Purdue, they are a member of the Student Concert Committee, a club focused around booking musical talent to play at Purdue. Quentin is also an educational ambassador with CARE, Purdue's interpersonal violence prevention organization.



Be-Once A.Z. Marsh, Record No. 1977

Be-Once, originally from the Caribbean, is a senior at the University of Houston majoring in biomedical engineering with a concentration in bionanoscience. She will serve as the Biomedical Engineering Society outreach chair and is involved in NSBE and SWE. Consistently on the Dean's List, she balances her studies with a part-time job at Sunglass Hut and has interned at Lubrizol and Boston Scientific. Next, she plans to join the medical device industry and pursue a master's degree.



Parker G. Megginson, Record No. 1979

Parker is a senior studying computer engineering at Auburn University. He serves as AL Alpha Chapter corresponding secretary, IEEE-Eta Kappa Nu chapter president, and section leader in the Auburn Marching Band. He has performed research in the fields of micro-electro-mechanical systems and micro-electronics. After graduation, Parker plans to pursue a graduate degree in electrical & computer engineering focusing on microelectronics in harsh environments.



Moises Loya, Skaggs No. 22

Moises attends the University of New Mexico with aspirations of completing his studies in electrical engineering, which started 20+ years ago at UT El Paso. He loves to work with youth in his community, participating in programs and activities that improve their physical and mental health. Moises has worked as a youth leader and music director and continues to perform for various events. Currently, he's a member of the Hispanic Engineering & Science Organization and holds positions of NM Beta Chapter VP and SOE Student Council president.



Riley C. Marszalek, Record No. 1978

Riley is studying bioengineering with a mechanical engg minor at Northeastern University. At NU, Riley has helped design and launch rockets and develop a mechanism to record launch footage from inside the rocket. On campus, he is Beta Gamma Epsilon fraternity secretary and participates in BMES. Riley completed his second co-op at Abiomed as a product development engineer on the surgical platform working on the Impella heart pumps, gaining experience in rapid prototyping, and plans to pursue an M.S. and career in medical devices.



Emily C. Meyer, Stabile No. 1319

Emily is a senior majoring in mechanical engineering and minoring in mathematics at the University of Alabama in Huntsville. She is the Society of Women Engineers collegiate section outreach chair and enjoys volunteering to inspire girls to join STEM fields. She previously interned with the U.S. Army DEVCOM working on the structural analysis of helicopters and her current internship with Jacobs consisted of HVAC and plumbing design in federal buildings. She looks forward to serving the community through her work.



Junyuan Mi, Record No. 1980

Junyuan is a junior majoring in computer engineering with a computer science minor at the University of the Pacific. He serves as a tutor for circuits and calculus and is dedicated to leveraging his skills and knowledge to make a meaningful impact in the field of computer engg. Junyuan has also contributed to several projects focusing on enhancing software functionalities and user experience. He aspires to work in artificial intelligence to develop innovative technologies.



Sindhu Narayan, Record No. 1982

Sindhu is a senior at the University of Delaware studying biomedical engineering. She is a former process engineering intern at Roche Tissue Diagnostics and now interning at Merck, working on predictive modeling for the manufacturing of monoclonal antibodies. On campus, Sindhu serves as BMES vice president and as a COE ambassador. After graduation, she intends to work in the medical device or biopharmaceutical industry to use engineering to improve patient's lives.



Farah Nisar, Record No. 1984

Farah is double majoring in biomedical engineering and computer science at Rutgers University. She has done research in computer security through the Princeton University - Intel Corp. REU as well as research in ribosome biogenesis through RWJ Medical School. Currently she is an intern at Becton Dickinson and a design advisor for the engineering honors academy. After graduation, Farah plans to pursue a master's with an emphasis on robotic medical devices and prosthetics.



Landon C. Morgan, Campbell No. 57

Landon is a senior at Tennessee Technological University studying chemical engineering with a biomolecular concentration. He is an avid hiker and loves to exercise, but his biggest passion in life is his Christian faith. This summer, he finished an internship with the wastewater engg branch at Jacobs Engineering and would like to use the knowledge he gained for mission work in his free time. He hopes to find a job in research, developing treatments for neurodegenerative diseases.



Ashlyn L. Neal, Stable No. 1321

Ashlyn is a rising senior at the University of Alabama majoring in computer science with a concentration in cyber security and two minors, mathematics and cyber criminology. She is currently a cyber security engineering intern at Parry Labs, gaining hands-on experience in securing systems. With a passion for helping others, Ashlyn has tutored students of all ages since her senior year of high school. After graduation, she plans to dive straight into the workforce as a cyber security engineer.



Tess C. Obuchowski, Stable No. 1323

Tess is majoring in material science engineering at Purdue University. Her previous research experience involved the microscopic investigation of the silica gels used in uranium-lead dating. Most recently, she worked as a research assistant at the Austrian Academy of Sciences, exploring thin films and micro-mechanical deformation. She is a member of the Student Engineering Foundation and University Choir, and is passionate about making music and traveling a part of her life as an engineer.



Snigda Nadella, Record No. 1981

Snigda is a senior biomedical engineering major with an applied statistics minor at New Jersey Institute of Technology (NJIT) honors college. She holds leadership positions in Tau Beta Pi and organizations such as Engineers Without Borders, and Tikkun Olam Maker, as well as internships at Insmed Inc., MICRO Manufacturing, and Zimmer Biomet. Through future contributions to the medical device/biotechnology industry, Snigda is dedicated to changing patient's lives.



Amanda S. Newbury, Skaggs No. 23

Amanda is a rising senior double majoring in electrical engineering and mathematics at the University at Buffalo. She serves as NY Nu Chapter president and is a student leader/grader for a freshman engg principles seminar. This summer, Amanda is interning at GlobalFoundries as a yield & characterization intern and previously interned in the Space and Defense group at Moog. She is also involved in music, plays the clarinet in various ensembles, and will pursue a M.S. degree.



Jennifer Oettinger, Record No. 1985

Jennifer is a computer science student with applied mathematics and economics minors at Columbia University. On campus, she's VP of Women in Computer Science and served as a TA for AI and machine learning. Jennifer enjoys giving tours as part of the Engineering Recruitment Committee and volunteering with elementary students. She has interned at Mayo Clinic and Apple, conducted research on deep neural network architectures, and will pursue the intersection of computers and math.



Sanjay Nagaraj, Forge No. 155

Sanjay majors in computer science at Stanford University and is passionate about improving health outcomes using computation. He is experienced in applying machine learning methods to accelerate drug discovery and build better diagnostic devices. He has spent time designing improved drugs at Absci, re-thinking health research at Apple, and developing better ML research methods at Stanford. On campus, Sanjay is involved with TreeHacks and Stanford Students for Biodesign and Biopharma.



Danielle E. Newell, Record No. 1983

Danielle majors in software engineering, focused on aerospace applications at Embry-Riddle Aeronautical Univ. (AZ) and is the first recipient to receive the coveted L3Harris ACSS avionics engineering scholarship. This fall, she will serve as AZ Delta Chapter treasurer and as a student leader in the Christian organization and Chi Alpha. Danielle discovered her love for software in the aviation industry while taking STEM courses, earning a private pilot license, and through her internship with ACSS.



Kerrin A. O'Grady, Record No. 1986

Kerrin is double majoring in biomedical engineering and neuroscience with a philosophy minor at Syracuse University. Her research investigates ways to improve axonal regeneration in peripheral nerve injuries. On campus, Kerrin is involved with BMES, Best Buddies Intl., and Phi Kappa Phi. A 2024 Goldwater Scholar, she spent the summer at the Univ. of Victoria through a Fulbright Mitacs Research Internship exploring methods of 3D bioprinting tissues, plans to continue her research, and pursue a Ph.D.



Avineet G. Nanjappa, Stable No. 1320

Avineet is a rising senior studying chemical engineering and public policy at Carnegie Mellon University with a minor in supply chain management. She has served as president of the Undergraduate Consulting Club, chairman for CMU's Spring Carnival, and is currently pursuing a master's degree in engineering & public policy. After graduation, Avineet hopes to work in supply chain or cosmetic formulation development.



David C. Newman, Stable No. 1322

David is studying civil engineering at the Virginia Military Institute and has one year left until he graduates. He is in the United States Marines, and will pursue his aspirations of becoming a pilot. After a career in the U.S. Marine Corps, he plans on utilizing civil engineering to design and develop airfields in his hometown of Prosper, Texas.



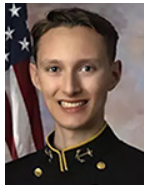
Adam J. Ohm, Badiru No. 1

Adam is a senior in chemical engg with a biomolecular concentration at Tennessee Technological University. He's involved in AIChE, ASBMB, NSLS, works in the chemical engineering office, and enjoys participating in intramural sports including flag football, basketball, and others. Adam has internship experience at ComDel Innovation, KLN Family Brands, and BASF. These experiences have provided him with knowledge of polymers, food production, precision machining, and he plans on working in manufacturing upon graduation.



Owen O'Malley, *Stabile No. 1324*

Owen is an honors robotics and control engineering major at the U.S. Naval Academy. He researches the effect of underwater optical turbulence on laser light and as a Trident Scholar has the opportunity to dedicate his senior year to research. Owen has presented at two conferences, winning best student paper at the 2023 OPTICA Imaging Congress, and won a national championship silver medal as a member of Navy's varsity lightweight crew team. Next, he will serve as a nuclear submarine officer.



Rishi P. Patil, *Fue No. 1*

Rishi is a civil engineering student at the University of Illinois Urbana-Champaign, pursuing a certificate in data science. This summer, he was a solar engineering services intern, contributing to the site design of solar farms. Rishi is a team lead for the Eco Illini Supermileage team, working on designing and manufacturing efficient prototype vehicles and an undergrad research assistant for material and structure optimization with plans to drive innovations in sustainable engineering.



Terrence C. Pierce, *Dodson No. 100*

Terrence is a mechanical engineering major at the University of Maryland minoring in physics and robotics. He's conducted research into machine learning, sensor noise reduction, and mechanical metamaterials. Terrence researched lightning with the Atmospheric Electricity Research Team and sensor and network-wide data analysis research for Vaisala. He works under the Space Power & Propulsion Lab and at the National Inst. of Standards & Technology and plans to pursue a career as a professor.



Aidan T. O'Neal, *Scribner No. 82*

Aidan is pursuing a degree in environmental engineering and is currently the director of "Geaux Green," LSU's student sustainability organization where he leads initiatives and education. He previously performed research in novel desalination technologies and spent a summer interning with a Fortune 10 company. His academic interests involve data science and machine learning, related to the challenges of power optimization and energy transition, aspiring for a career working towards achieving Net-Zero.



Eli C. Pay, *Stabile No. 1327*

Eli is a University of Vermont (UVM) mechanical eng'g student with a minor in pure mathematics. He is currently developing a rural health vehicle with UVM's Center for Biomedical Innovation to provide essential medical care for underrepresented groups that have challenges accessing hospitals. Eli is an EMT, ski patroller, and member of a backcountry rescue team. He was an intern at Dartmouth-Hitchcock medical center last summer and plans to take a gap year before continuing on for a master's or medical school.



Kristina A. Pinkham, *Record No. 1987*

Kristina is a rising senior at Saint Louis Univ. (SLU) majoring in biomedical engineering and minoring in eng'g mathematics. She is MO Epsilon Chapter secretary and plans to continue her education at SLU in the accelerated BS/MS biomedical engineering program. Kristina is currently a student researcher investigating EEG sound localization under Dr. Yan Gai's guidance. She plans to continue EEG research and start her own project in collaboration with professor Gai as a graduate student.



Christopher M. O'Neill Jr., *Brems No. 29*

Christopher (CJ) will be a junior at the University of Colorado at Boulder, where he is pursuing a degree in aerospace engineering with a minor in planetary science. Currently, he works as a spacecraft systems engineer at the Laboratory of Atmospheric and Space Physics for the Emirate Mission to the Asteroid Belt. This year, CJ will serve as CO Beta Chapter vice president and as a teaching assistant for thermo/aerodynamics. He enjoys playing the banjo and plans to attend graduate school.



Janelle J. Pezzuti, *Stabile No. 1328*

Janelle is a senior chemical engineering student at Youngstown State University. She has served as an active member in the honors college, AIChE, and as Society of Women Engineers chapter secretary. She interned at Kennametal Inc., Energy Harbor LLC - Beaver Valley Nuclear Power Station, and Ergon - West Virginia, Inc. She eagerly looks forward to a career in chemical eng'g as it allows her to channel her natural abilities and utilize knowledge in a way that benefits the world.



Brian S. Poon, *Forge No. 156*

Brian is a senior computer science student at California State University, Long Beach. He previously held positions as CA Theta Chapter corresponding secretary and Zeta Phi Rho, Alpha Chapter vice president. Brian contributed to BeachHacks as a front-end developer and served as an embedded developer with the Beach Launch Team. He is focused on building a career in software engineering and full-stack development.



Eric D. Ovcharenko, *Stabile No. 1325*

Eric is a senior majoring in mechanical engineering with a minor in computer science and philosophy. He is currently working at Intel doing CAD designs for improving efficiency and safety. Eric is part of the Portland State Aerospace Society, where he uses his mechanical eng'g expertise to help design and assemble rockets and satellites. His future aspirations are to use his engineering degree to work on robotics and automation to help create safe, effective, and ethical robots.



August B. Phelps, *Dodson No. 99*

August is a Meyerhoff Scholar majoring in mechanical engineering with a computer science minor at the University of Maryland, Baltimore County. His research interests lie in robotics, controls, and biomedical devices. He has worked in construction management at Los Alamos National Lab, as a medical assistant at National Foot and Ankle, and at MIT in Dr. Giovanni Traverso's GI lab developing ingestible devices. In addition, August served as MD Delta Chapter president and as ASME chapter vice president.



Micah W. Popejoy, *Stabile No. 1330*

Micah is a senior computer engineering student at the University of Oklahoma. He's involved with the Sooner Competitive Robotics team and will be competition coordinator next year, responsible for hosting STORM: a collegiate teleoperated robotics competition. Micah completed an internship at Textron Aviation over the summer. After graduation, he plans to get a master's and pursue research and a career focused on control systems and the integration of mechanical with electrical/computer systems.



Andreas R. Palmateer, *Stabile No. 1326*

Andreas grew up in Salem, OR, where he discovered a passion for science & math and is now at Oregon State University studying chemical eng'g, with chemistry and materials science minors. On campus, he volunteers with organizations, including the Honors College Student Assoc., Engineering Student Council, and Acacia Fraternity. He's also worked in Dr. Lucas Ellis' lab, as an intern at Intel Corp., and intends to take the FE exam, attend grad school, and work in consulting.



Jason Pien, *Stabile No. 1329*

Jason is a computer engineering senior at Brown University. He's demonstrated leadership as RI Alpha Chapter president and head of technology for the FinTech club. His skill set spans both software development and RTL hardware, honed through internships and hands-on projects. Jason's entrepreneurial spirit shines through his work experiences at two startups and founding his own venture through Brown's startup accelerator. He aspires to contribute to the evolving field of chip development for AI applications, after graduation.



Vaidehi Pujary, *Stabile No. 1331*

Vaidehi, a senior at the University of Arizona, majors in electrical & computer engineering with mathematics and optical sciences & engineering minors. On campus, she serves as AZ Alpha Chapter treasurer and is involved with Society of Women Engineers, SEDS, and K7UAZ Amateur Ham Radio club. Vaidehi also works as an application developer and researches in the Model-Based Design Lab, contributing to the advancement of minimally-invasive robotic surgery. She intends to pursue a career in R&D after obtaining a master's degree.



Benson Pulver, Record No. 1988

Benson is a senior studying mechanical engineering at the University of Utah. He is involved in the Air Force ROTC program and plans to pursue a career as an officer in the United States Air Force. He enjoys outdoor activities such as hunting, fishing, and kayaking. Benson also enjoys woodworking, blacksmithing, machining, and other tradecrafts.



Asher C. Ricci, Stabile No. 1333

Asher is a senior at Lafayette College majoring in mechanical engineering and minoring in economics. He serves as PA Epsilon Chapter vice president and is very active as the historian in the Chi Phi Fraternity. After graduation, Asher plans to work in the defense contracting industry before pursuing a graduate degree.



Mikeal E.E. Rodriguez-Clark, Althouse No. 16

Mikeal is majoring in electrical engineering at the University of South Florida and is an NSF S-STEM Scholar, member of USF's IEEE and IEEE Power & Energy Societies, and the Society of Hispanic Professional Engineers. This summer, he interned at Duke Energy as a power distribution engg intern and developed interests in emerging smart grid technologies, power systems protection, and controls. Mikeal plans to pursue a career focused on enhancing reliability and security of the electrical grid.



Abrar S. Rafi, Stabile No. 1332

Abrar is pursuing a B.S. in mechanical engineering and M.S. in autonomous systems & robotics at Illinois Institute of Technology. He serves as AIAA chapter president and as structural lead for the Design Build Fly team. Abrar has also engaged in research projects, working with Professor Esma Karagoz on the design optimization of commercial aircraft. These experiences have prepared him for a career leveraging his skills in autonomous systems and robotics to drive innovation.



Tod T. Richards, Stabile No. 1334

Tod was born and raised in Portland, OR, spending much of his time on trails and digging for fossils in the Kinsey sandstone formation. In 2001, he moved to Alaska, worked as a fisherman, then purchased his own boat and fishing-rights, and began a successful commercial fishing operation. In 2018, he returned to school, at PSU, to earn his civil engg degree. This summer, Tod participated in a research internship and enjoys research that advances knowledge of how lateral spreading of soils during earthquakes can affect large structures.



Ryan D. Rusch, Forge No. 157

Ryan is a rising senior in materials engg at UCLA, where he was elected CA Epsilon Chapter educational outreach officer, then promoted to educational outreach director for this year. He currently works at National Diversified Sales as a solutions engineering intern and completed research on urban agriculture with UCLA's Urban Planning dept. and horticultural therapy research at the West LA VA hospital. Ryan is also involved with the Bruin Marching Band and undecided of post-graduation plans.



Sabahat Rahman, Bloomberg No. 18

Sabahat is a senior studying biomedical engineering at Johns Hopkins University. She has valued her research in neoantigen vaccines for cancer and was a 2023 NIH Amgen Scholars Program cohort member, investigating bone marrow stromal cells. On campus, Sabahat is serves as MD Alpha Chapter president and a resident advisor. She is also the founder of a student organization working under Humanity First USA and will apply to dual-degree M.D./Ph.D. programs.



Hannah R. Richardson, Stabile No. 1335

Hannah is a senior in mechanical engineering at the Univ. of South Alabama and was inducted into TBP after attending the 2023 Convention as a non-member guest. She was AL Epsilon Chapter sophomore scholarship chair and now serves as vice president, as well as Pi Tau Sigma president and ASME chapter VP. Hannah's served as a supplemental instructor and peer academic leader, mentoring first-year engg students, works as a cabin engg intern for Airbus Americas, and plans to attend grad school.



John F. Ryan, Stabile No. 1337

John is a mechanical engineering student at Merrimack College, planning to graduate in May 2025. He loves problem solving using math and coding skills, and hopes to attend graduate school to study robotics. On campus, John tutors at the math center and participates in the robotics club. Aside from academics, he enjoys lifting and running during his free time. He can't wait to learn as much as possible for the next year and continue growing as he moves on to post-graduation life.



Elina Rani, Record No. 1989

Elina is in her final year studying chemical & biomolecular engineering at New York University (NYU). At NYU, she's been involved in the community as president of both the NY Rho Chapter and Alpha Omega Epsilon, a women in STEM sorority. Elina studied abroad at Denmark Tech. Univ. through the GLASS Honors Program, has developed an interest in sustainability and climate tech working with the Modestino Research Group, and plans to join an emerging NYC climate startup.



Sarah G. Rickborn, Stabile No. 1336

Sarah is studying aerospace engineering and physics at Rensselaer Polytechnic Institute in New York. In conjunction with NASA, she is working on research in the space field, designing a telescope to look for earth-like planets within 30 light years. Sarah holds leadership positions in Tau Beta Pi and SWE and also active in RPI dance club and Alpha Gamma Delta. Sarah hopes to pursue a Ph.D. in either aerospace engineering or astrophysics.



Adam B. Sacherich, Stabile No. 1338

Adam is a senior majoring in mechanical engineering with a minor in mathematics. He researches the ballistic impact resistance of 3D-printed structures and is completing his second internship with Wabtec. Adam serves as PA Mu Chapter vice president, Behrend Robotics Club vice president, and treasurer of Penn State Behrend's ASME student section. He aspires to earn a master's and work in the additive manufacturing or transportation industry.



Tarini Ravikumar, Record No. 1990

Tarini is a senior majoring in bioengineering, with a minor in chemistry at the University of Pittsburgh. She is actively involved in community service, research, and enjoys playing the piano. Tarini has interned twice at Regeneron Pharmaceuticals and also participates in drug delivery research on campus. After graduating, she is extremely interested in being at the forefront of both medicine and engineering and hopes to pursue a career in medicine.



Landon T. Roberts, Schwaller No. 14

Landon is a senior design engineering major at Colorado School of Mines and is passionate about resource conservation and the green energy transition, participating in research to decarbonize buildings. This summer, he completed an onshore wind internship with GE Vernova and plans to pursue a career in renewable power generation or net-zero building technology. Through creative problem-solving, technical knowledge, and collaboration, Landon hopes to teach others how to conserve, not waste, Earth's finite land, water, and energy.



Hrishav Sapkota, Lugannani No. 1

Hrishav is a senior studying computer science and applied mathematics at Howard University. He's spent his summers interning at Google, Salesforce, and Apple. On campus, he co-founded and served as vice president of the Nepalese Students Association and leads the Assoc. for Computing Machinery chapter as its president. In the future, Hrishav aspires to earn M.S. degrees in machine learning and business administration, and work towards his dream of a computational music startup.



Ashleigh C.E. Sayles, Stabile No. 1339

Ashleigh is a senior studying mechanical engineering with a Spanish minor and certificate in electric mobility at the University of Georgia. She serves as co-president of the Society of Women Engineers, a teaching assistant for Heat Transfer, and a proctor/grader for Science Olympiad. This summer, she's working at The Coca-Cola Co. as a global asset reliability intern. Post graduation, she plans to continue to give back and improve her community.



Claudia Q. Seyfarth, Stabile No. 1341

Claudia is a rising senior at Marquette University in Milwaukee, Wisconsin, majoring in mechanical engineering with a minor in economics. She participates in the honors program, spent a semester studying abroad at SLU-Madrid, and is currently working as a research and development intern at 3M. After graduation, Claudia plans to continue her studies in materials science and hopes to work in product development/R&D.



Shivam Singh, Record No. 1994

Shivam is a biomedical engineering and mathematics major at Duke University. His interests lie at the intersection of engineering and medicine, as such he works in the Tadross Lab on neuroengineering and drug-delivery research. Moreover, Shivam is engaged in improving health systems through advocacy and research. He hopes to attend medical school next year. Outside of school, his hobbies include dance, golf, hiking, and running.



Rachel E. Schenck, Elovitz No. 1

Rachel is a senior mechanical engineering and materials science & eng'g double major, with an entrepreneurship minor, at Michigan State University. She serves in leadership roles with TBP, the Materials Science and Engineering Society, and the Solar Racing Team, while also playing club water polo. Rachel is currently interning at Williams International in the Materials and Processes Lab and plans on graduate studies in aerospace and mechanical engineering.



Dhruv M. Shah, Record No. 1993

Dhruv is a biomedical engineering major at Case Western Reserve University with an entrepreneurship minor. His research focuses on understanding the genetic causes of atrial fibrillation. His on-campus activities include participation in the entrepreneurship, Indian film, and table-tennis clubs. Dhruv supports his community as a resident assistant, peer notetaker for differently-abled, and managing TeenVolunteers, his intl. volunteer organization. Dhruv is interning at Procter & Gamble and aims to return after pursuing a master's.



Kopchon Sittithammachoti, Stabile No. 1342

Kopchon is a senior engineering major at Harvey Mudd College interested in chemical eng'g, with a concentration in economics. He enjoys teaching and tutoring engineering students and his research is on combi-heat pumps with phase-change materials thermal energy storage. After graduation, Kopchon hopes to combine his interests in chemical engineering and economics in order to discover a viable, affordable solution for the decarbonization of the energy sector.



Kathryn A. Schinaman, Stabile No. 1340

Kate is a senior from Dayton, OH, studying computer science engineering with a minor in eng'g corporate practice. She attends the University of Notre Dame, where she's involved as Society of Women Engineers chapter secretary, in the iTREDS Scholars Program, and serving on student government. Kate is also passionate about her participation in research, where she works to reduce incidences of lead poisoning, and plans to pursue a career in web development or data science.



Kimball A. Sheehan, Campbell No. 58

Kimball is a senior biomedical engineering major on the pre-medical track at the University of Virginia. She's conducted research with UVA's departments of Vascular Surgery and Neurology as well as the McIntire School of Commerce. Kimball serves in leadership roles with TBP, Society of Women Engineers, and Alpha Epsilon Delta, pre-health society. She is a Rodman Scholar, member of the Raven Society, and will pursue medical school after completing a master's degree.



Zachary M. Slade, Record No. 1995

Zachary is a rising junior at Stony Brook University, majoring in chemical & molecular engineering, and part of an accelerated 5-year MBA program. He is incoming NY Omicron Chapter corresponding secretary and a lead mentor in the College of Engineering Peer Mentor Program. Since August 2023, he has interned at Koehler Instrument Co. in the sales & marketing department. After completing his education, he hopes to someday lead a team of engineers as an operations director.



Nicole Schottler, Record No. 1991

Nicole is a biomedical engineering senior at the Univ. of Minnesota. She is conducting research on aggressive pediatric brain tumors through a Children's Cancer Research Fund Internship. On campus, Nicole has been an active member and leader in various clubs including Habitat for Humanity, Engineering World Health, as a college STEM ambassador, and with the Minnesota Triathlon Team. After graduating, Nicole plans to attend medical school and continue her research.



Andrew K. Shipley, Scribner No. 83

Andrew is a senior at Northern Arizona University majoring in environmental engineering and German, through the Interdisciplinary Global Program. He's involved in research at NAU's Applied Microbiology and Biotechnology Lab and active in the ASCE biomechanics lab. Last year, Andrew studied abroad at the Technical Univ. of Dortmund in Germany and wants to help implement drought adapted drinking and wastewater infrastructure in his home state of Arizona.



Finlay Smith, Stabile No. 1343

Finlay is a senior at Lafayette College majoring in chemical engineering and mathematics. He recently completed an internship at Merck and hopes to continue working in the pharmaceutical industry either in development or manufacturing. Finlay currently serves as president of the Lafayette College chapter of Engineers Without Borders and is an honors thesis student working to synthesize double network polymers.



Jack A. Seabaugh, Record No. 1992

Jack is a senior majoring in electrical & computer engineering and minoring in physics. He founded and presided over the Aerospace Club at the University of Arkansas at Little Rock and has worked at NASA for two summers. Jack is currently conducting research in the field of human-computer interaction through classification of electromyography signals using machine learning. He has accepted a co-op position at NASA and hopes to work there after graduation in the field of radio frequency systems or circuit design.



Keshav O. Shukla, Goodin No. 1

Keshav is studying chemical and biomolecular engineering at the University of California, Los Angeles. He conducts tissue engineering research to help develop novel electrospun scaffolds for urinary tract reconstruction and is interning at SC Johnson as a repellent formulator. On campus, he founded the South-Asian LGBTQ+ organization, and serves as vice president of a Hindu organization. He plans to pursue a graduate degree in biotechnology or biochemical engineering and eventually enter industry for a role in R&D.



Teagan R. Smith, Record No. 1996

Teagan is an environmental engineering senior at Cornell University. She's interned for non-profits Save the Sound and Keep Pinellas Beautiful and also at Gross-Wen Technologies, a wastewater treatment startup. Most recently, Teagan interned for Phillips 66, working on streamlining air emissions calculations. On campus, she is part of Anabel's Grocery, a student run grocery store, and Cornell Botanical Gardens, teaching students about botany and native garden planting. Teagan's passionate about a more sustainable world and a career in air/water quality eng'g.



William J. Sobczak, Scribner No. 84

William is a senior at the University of Florida studying environmental engineering and computer science. He has interned at Tesla, as a data engineer, and at the U.S. EPA Office of Transportation and Air Quality, where he developed a method to classify marine vessel activity using machine learning. On campus, William's co-authored several journal articles as a research lab member studying forever chemicals, served as external director of the Research Scholars Program Student Advisory Board, and plans to pursue a graduate degree.



Madeline J. Szoo, Stabile No. 1347

Madeline is a senior at Northeastern University studying chemical engineering & biochemistry. She works in a MechE lab on campus studying organ-on-a-chip tumor models for the treatment of cancer. Madeline has participated in engineering education research on the long-term academic success of first-year engineering students. She is dedicated to scholarship and mentorship as president and research immerse chair for the Sigma Xi chapter and plans to pursue a Ph.D. in bioengg to learn more about the tumor microenvironment.



Hasan A. Termos, Stabile No. 1349

Hasan is pursuing a mechanical engineering degree at the University of Michigan-Dearborn. He began his academic journey at Henry Ford College and has shown leadership and innovation developing a study planner App to help students manage their time more effectively. Hasan serves as MI Iota Chapter activities coordinator and vice president of Pi Tau Sigma. Currently, he's gaining valuable experience as a product design engg intern at Molex and aspires to work in industry, focusing on sustainable technology development.



Noah M. Stiegler, Stabile No. 1344

Noah is studying engineering physics, EECS, and astrophysics at Tufts University. He has served as Society of Physics Student chapter president and on the board of Tufts SEDS. Noah has enjoyed teaching labs and his research includes neutrino detection, laser diode packaging, and radio frequency techno-signature searches. Internships at Lawrence Livermore National Lab and with Berkeley SETI Breakthrough Listen REU have inspired him to continue exploring and pursue a Ph.D.



Anika Tabassum, Record No. 1998

Anika is a senior at Western Michigan Univ., majoring in computer engineering with computer science and mathematics minors. She serves as Google Developer Student Club president and works as a research assistant at the Energy Efficient & Autonomous Vehicles Lab. Her research involves upgrading computer vision systems and working on embedded hardware for driver assistance systems in inclement weather. This summer, she's working as an intern at Gentex Corp. and interested in pursuing her master's and working in industry.



Steven Tian, Stabile No. 1350

Steven is studying mechanical engineering at Columbia University. There, he leads manufacturing efforts for Columbia Formula Racing as chief manufacturing engineer and pursues robotics research with the Creative Machines Lab. He previously did research with the Yang Group and led the structures team for the Airplane Club. Outside school, Steven is interning as a test engineer at Caterpillar's Peoria Proving Grounds and previously interned with infrastructure consulting firm AECOM.



Joseph G. Stringham, Stabile No. 1345

Joseph is a civil engineering senior at Utah State University with an emphasis in geotechnical engg and a minor in Japanese. Joseph serves as UT Gamma Chapter corresponding secretary and is performing research in geophysics and earthquake engg with Dr. Brady Cox. Last year, he was in the ASCE Concrete Canoe mix design team and hopes to form Utah State's first undergraduate design team. Joseph plans on a master's degree and improving the safety of his community.



Allie Jia Hui Tay, Record No. 1999

Allie is a senior at the University of Rochester studying biomedical engineering with a biomechanics concentration and serves as NY Kappa Chapter vice president. Passionate about the intersection of BME and medicine, she conducts research at the Center for Musculoskeletal Research on mitigating implant-associated bacterial infection for osteomyelitis prevention. Allie is involved in journalism as editor-in-chief at the university paper and plans on attending medical school.



Tiffany Toh, Alford No. 27

Tiffany is majoring in electrical & biomedical engineering at Yale University, with the intent to pursue a Ph.D. in bioelectronics. She is passionate about bridging between clinicians and engineers in the R&D of medical devices. Tiffany competes and teaches on the Yale Ballroom Dance Team and plays the carillon in local and international bell towers. She also cares deeply about mentorship, and hopes she can continue to find concrete ways to inspire future generations of engineering students.



Elizabeth K. Sundheim, Stabile No. 1346

Elizabeth is a senior at Harvey Mudd College, majoring in engineering, with a concentration in Spanish. She serves as CA Omega Chapter treasurer, a proctor in the HMC Student Machine Shop, and a member of the Mudd Amateur Rocketry Club. She spent the past summer as an electrical engineer intern at Honeybee Robotics and plans to work in the aerospace industry after graduation before pursuing a master's degree in electrical engineering or robotics.



Michael D. Taylor, Brems No. 30

Michael is an aerospace and mechanical engineering major at UC Davis. He has conducted research in aeroacoustics and computational fluid dynamics and is performing environmental testing on components for a small satellite to ensure their survival in space. Michael participates in TBII tutoring, where he helps the next generation of engineers. After graduating, he plans to pursue a master's degree, focusing on reconfigurable structures and composites for aerospace applications.



Zachary B. Toth, Stabile No. 1351

Zachary is a senior at Ohio Northern University studying mechanical engineering with a concentration in biomedical engg and a minor in applied mathematics. He is OH Iota Chapter vice president, a member of ASME, and six other clubs. He is researching cortical bone porosity, and working on submitting a paper on this topic for first-author publication. After completing his degree, he plans to pursue a Ph.D. in biomedical engineering with a goal of working on medical imaging technologies.



Sriya Surapaneni Record No. 1997

Sriya is a senior studying biomedical engineering with a minor in computational data analysis at Georgia Tech. On campus, she is heavily involved with organizations, serving as SWE VP of finance, a teaching assistant, and member of the Student Govt. Association, Omicron Delta Kappa honor society, and an acappella team. Sriya conducts research in the GT Immunotherapy and Cell Engineering Lab, has interned at Medtronic and Johnson & Johnson, and plans to pursue a master's degree in AI at the intersection of software and biomedicine.



Miles T. Teng-Levy, Stabile No. 1348

Miles is a mechanical engineering major at Union College. He leads all powertrain-oriented design in Union's Baja SAE team as chief of drivetrain, is SAE chapter president, and also a supplemental instructor in MechE classes. For the past four summers, Miles has worked at Los Alamos National Lab conducting research regarding inertial confinement fusion as a part of the Almos Thermonuclear Plasma Physics division. Miles intends to pursue graduate studies with an end goal of working in wind energy.



Sanay Tralshawala, Stabile No. 1352

Sanay is a mechanical engineering student at Rensselaer Polytechnic Institute. He recently interned for the U.S. Nuclear Regulatory Commission and previously in the U.S. House of Representatives. Sanay is a researcher on a team looking into consent based siting of nuclear waste and spent a semester doing research analyzing disturbances in multiphase flow. He is a member of Engineering Ambassadors and his school's Union Executive Board. Sanay plans on pursuing a master's degree with interests in controls and Artificial Intelligence, improving carbon capture and battery technology.



Emma J.M. Trisch, *Stabile No. 1353*

Emma is currently pursuing a master's degree in architectural engineering and was drawn to this degree due to the complexity of building systems integration and sustaining practical construction methods. She is the MI Eta Chapter vice president, member of Chi Epsilon, and leads the Architectural Engineering Club. Emma has held multiple internships and continues to advocate for the use of technology in construction and idolizes the importance of communication during the design process.



Dariana J. Troche Quinones, *Stabile No. 1354*

Dariana is a mechanical engineering senior at the University of Puerto Rico-Mayaguez. Through her research experiences, she developed an interest in biomedical science and wants to pursue graduate studies in the field. Despite her major, she has taken biology courses and minors in computer science. Dariana's research experience took place in bio-related labs such as the Brain Interface Lab. She's passionate about science and aims to be an example to Puerto Rican students pursuing scientific fields.



Izel N. Turner, *Brems No. 31*

Izel is pursuing an aerospace engineering degree at Embry-Riddle Aeronautical Univ., with a specialization in spacecraft design and minor in applied mathematics. This summer, she engaged in research, including a project at Kent State Univ. developing a universal joint orthosis to aid astronauts and muscle and joint conditions. Izel does community service and is Engineers Without Borders chapter vice president. She plans to pursue a master's degree, aspiring to contribute to spacecraft design and to qualify as an astronaut.



Clive E. Uy, *Stabile No. 1353*

Clive is a junior in mechanical engineering at South Dakota School of Mines & Tech. He serves as Student Association Senate vice president and two-year subsystem lead on the Mines Baja SAE team. Clive intends to enter the industry as a design engineer, eventually founding a product design and prototyping firm of his own. Ultimately, he views his career as an opportunity to serve his fellow man and exalt his Savior.



Megan A. VanderLeest, *Stabile No. 1356*

Megan is a senior at Kansas State University majoring in architectural engineering. She is a member of the American Society of Heating, Refrigerating, and Air Conditioning Engineers, Phi Alpha Epsilon, and Kappa Alpha Theta. She does research focused on educating the public about the importance of good indoor air quality. Megan has spent two summers interning at Burns and McDonnell, working in the life sciences division and plans on obtaining a P.E. license and a master's degree.



Dawn Veditz, *Forge No. 158*

Dawn is pursuing a degree in mechanical engineering at Cal Polytechnic Institute, San Luis Obispo, with a concentration in mechatronics. She joined the Astromech Software Team of the Robotics Club, which programs a Star Wars style droid, and the Mechatronics Team of LLEAP, which manages motors in the joints of a lower body exoskeleton. Dawn recently completed her capstone project and plans to apply to Ph.D. programs to help make advancements in robotic prosthetics.



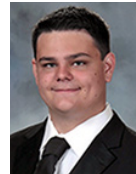
Keziah A. Vela, *Record No. 2000*

Keziah is majoring in mechanical engineering at the University of Alabama with a math minor. She's a member of Theta Tau, SWE, SHPE, and proudly serves as ASME chapter president. On campus, Keziah is a student technician in UA's additive manufacturing lab and researcher in the engines and combustion lab. She is a returning intern at Michelin N. America working in quality/mechanical roles, and will attend grad school at UA and contribute to the future of aviation through industry work.



Lukas D. Velasco, *Forge No. 159*

From a young age, Lukas has been captivated by computers, beginning with setting up Minecraft servers, then coding, and exploring niche programming languages. Naturally, he pursued computer engineering in college and during COVID developed a passion for Japanese, eventually studying abroad and earning a major. Lukas works in his father's restaurant gaining valuable life skills and aims to secure a computer-related job in Japan, utilizing his technical and language skills.



Ashley E. Velasquez, *Record No. 2001*

Ashley is a senior studying biomedical engineering at Valparaiso University and serves as IN Delta Chapter secretary. As a member of Kappa Delta, SHPE, and an anatomy tutor, she loves to give back to her community. Ashley is also a clarinetist in Valpo's orchestra and took part in research on the synthesis of liposome nanoparticles for drug delivery. She's twice worked at Zimmer Biomet as a manufacturing eng'g intern and hopes to work in the medical device field.



Carolina Vellenich Triboni, *Abriola No. 1*

Carolina is a senior studying civil engineering at Auburn University pursuing experiences beyond the traditional curriculum, including an honors business minor, research, and two internships. She's strived to promote and unite her community by serving in positions such as Cupola Engineering Ambassador and Chi Epsilon chapter president. Carolina was awarded the 2024 Stone Leadership Award from Auburn's CE Dept., has published a paper for the *Journal of Hydraulic Engineering*, and has a passion for structural engineering.



Hannah J. Vogts, *Record No. 2002*

Hannah is a rising senior majoring in biomedical engineering at the University of Iowa. She has participated in undergraduate research studying 3D printing for cellular applications and computational protein design at Vanderbilt University, through the Rosetta Commons REU. Hannah is also a member of Dance marathon, Society of Women Engineers, and the music director of the Iowa Hawkapellas. After graduation, she hopes to pursue a career in the biotech industry.



Max W. Vroeman, *Dodson No. 101*

Max is a chemical engineering student at the University of California, San Diego. He is currently working as an intern at Johnson & Johnson in the MedTech division and previously interned at Kite Pharma, where he worked on cell therapy manufacturing. On campus, Max will serve as CA Psi Chapter treasurer. After graduation, he plans to pursue a career in the pharmaceutical, healthcare, or life science industry.



Thua Nga "Nerissa" Vu, *Stabile No. 1357*

Nerissa, an international student from Vietnam, majors in chemical engineering at Bucknell University and is working towards a computer science minor and material concentration. Her passion lies in using machine learning and computational programming to develop new materials. Nerissa is a research assistant at MIT in Prof. Gomez-Bombarelli's lab, an intern at Eli Lilly and Co., intends to pursue a Ph.D., and work as a research scientist in the field of machine learning.



Chau Vuong, *Record No. 2003*

Chau is a junior at University of Houston, majoring in biomedical engineering and minoring in data science. She has a passion for innovation and problem-solving and participated in research projects focused on neuroscience. Recently, Chau engaged in research at Baylor College of Medicine, focusing on EEG Analysis. She is active with the Biomedical Engineering club, contributed to a 3D-prosthetics design, volunteers with STEM outreach, and plans to pursue a graduate degree.



Amelia E.J. Walker, *Forge No. 160*

Amelia is studying industrial and systems engineering at the University of San Diego. She actively participates in several organizations, including Kappa Alpha Theta and Alpha Pi Mu. After graduation, Amelia aims to build a career in the aerospace industry or the sports analytics field, with a long-term aspiration of achieving executive leadership. She plans to apply her futuristic perspective, creativity, and competitiveness to develop improvements within any organization.



Christian S. Welch, Forge No. 161

Christian is a senior industrial & systems engineer with a naval science minor at the University of San Diego. He's been involved in organizations, including the Reserve Officer Training Corps, Institute of Industrial and Systems Engineers, Alpha Pi Mu honor society, and the Alcala Club. Christian has also been involved in community outreach and club sports. Upon graduation, he will commission into the U.S. Navy, pursue a master's at the Naval Postgraduate School, and aims to serve as a Naval Aviator.



Timothy A. Wilson, Stabile No. 1362

Tim is a senior majoring in industrial engineering and economics at Clemson University. He is conducting research through a grant from the NSF on the applications of AI and extended reality in aircraft maintenance. On campus, Tim's been involved in student organizations, including Clemson Club Tennis serving as president, Kappa Alpha Pi Pre-Law, and Govt. Fraternity which he co-founded. Tim hopes to attend law school, work in intellectual property law, and specifically patents.



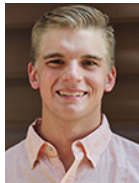
Erica A. Wood, Stabile No. 1365

Erica is a senior at Clemson University majoring in chemical engineering with a concentration in biomolecular eng'g. She serves as SC Alpha Chapter president and has served in leadership positions in Phi Sigma Pi National Honor Fraternity. Erica previously interned at Merck and is currently involved in research investigating the effects of fluid shear stress on metastatic breast cancer. Erica plans to pursue a Ph.D. and a career in R&D in the pharmaceutical industry.



William T. West, Stabile No. 1358

William is a senior mechanical engineering student at the University of Minnesota Duluth and MN Beta Chapter member. He's had four internships at Polaris Industries since graduating high school, working in the on-road, off-road, and snow engineering departments. After graduating, William plans to pursue a master's degree in eng'g management and would like to enroll in the Polaris Engineering Development Program to begin a career in the powersports and automotive industry.



Randall D. Winch, Stabile No. 1363

Randy grew up on his family's dairy farm in Wisconsin where agriculture and the dairy industry were integral parts of his life and led to his decision to pursue further education. Randall's interest in agricultural engineering sprouted when his family decided to modernize their farming operations to build a robotic milking facility. Randall plans to continue with the eng'g company that he currently interns with as he moves back home. He hopes to continue to improve the agricultural industry through his work on livestock facilities.



Harrison S. Yang, Rushing No. 3

Harrison is a senior studying biomedical engineering focusing on cancer immunology. The CURE Fellowship and Markey STRONG Scholars Program have funded his research endeavors and his work's been recognized by the Sophomore Trailblazer in Biomedical Engineering Award and with a Goldwater Scholarship. Harrison works as Univ. of KY Campus Kitchen secretary, seeking to reduce food waste and insecurity, is a Helping Hygiene board member, and intends to continue researching cancer immunology.



Travis P. White Jr., Stabile No. 1359

Travis is a senior mechanical engineering student at Mercer University. He's conducted research fellowships at the National Institute of Standards & Tech. and has completed an engineering internship in the Dept. of the Air Force. Travis' current research investigates computational fluid dynamics and fluid structure interaction simulations in airways, and is designing and validating wind tunnel instrumentation. He is enrolled in an accelerated ME master's program. and hopes to apply his learning to the aero/astro sectors.



Greyson A. Wintergerst, Stabile No. 1364

Greyson is double majoring in computer science and mathematics at Vanderbilt Univ., with a minor in Spanish. He is Director of Technology for the Cardiovascular Health Education Campaign, NPAF chapter co-president, and as a software engineering intern for The Cigna Group. Greyson performs biomedical eng'g research in medical image analysis and disease prediction as a SyB-BURE Searle Undergraduate Research Fellow. He plans to pursue an M.D./Ph.D. to work in the clinical space.



Morgan Yang, Skaggs No. 24

Morgan is a senior electrical engineering student at Brigham Young University-Idaho. He is deeply passionate about RF/analog/mixed-signal IC design and plans to pursue graduate studies to research energy-efficient designs in this field. Outside of academics, Morgan enjoys outdoor activities and exploring nature.



Troy D. White, Stabile No. 1360

Troy is a student at Villanova University studying civil engineering with minors in real estate development and studio art. He serves as PA Theta Chapter president and is a member of Chi Epsilon. Troy recently completed a structural eng'g internship at Dilandro Andrews Engineering focusing on high-end residential design. With a passion for art and engineering, he intends to pursue a future career in architectural engineering and continue to raise money for pediatric cancer patients.



Jakub T. Wittrock, Rushing No. 2

Jakub is a senior studying electrical & computer engineering at the University of Michigan Dearborn. As part of the MI Iota Chapter, he's served as activities coordinator and president, attended the 2023 TBP Convention as a voting delegate, helped organize Engineers Week at his university, and given a speech for the renaming of the Engineering Lab building on campus. After graduation, Jakub aspires to leave his mark in the engineering industry developing embedded systems.



Russell A. Yang, Stabile No. 1366

Russell is a rising senior at Yale University double majoring in electrical engineering & computer science and molecular biophysics & biochemistry. He is CT Alpha Chapter president, which recently celebrated its 100th anniversary. Russell has interned this summer at Johnson & Johnson, KKR, and The Citadel. Upon graduation, he hopes to explore investing and highly regulated industries.



Dominique A. Whyte, Stabile No. 1362

Dominique is pursuing chemical engineering at Manhattan College, with chemistry and mathematics minors. She's participated in research funded by the American Chemical Society Petroleum Research Fund, focusing on sulfur filtration from fuel. Dominique has gained industry experience through internships at Air Products, AECOM, and Arcadis. This year, she will serve on the boards of ACS, SWE, and TBP with aims to build a career around her passion for enhancing energy sustainability.



Allison D. Wolf, Soden No. 29

Allison is an honors student at Kansas State University majoring in chemical engineering with a secondary major in biological eng'g. She previously served as KS Gamma Chapter recording secretary and is a member of Pi Beta Phi Sorority, Omega Chi Epsilon, Steel Ring, and AIChE. Allison has worked as an engineering intern at Cargill and currently interns at Burns & McDonnell as a process engineer. When not studying, she enjoys reading, going on walks, and hanging out with friends and family.



Crystal X. Zhu, Forge No. 162

Crystal is a senior double majoring in bioengineering and applied mathematics at University of the Pacific, serving as CA Phi Chapter president, and an active member in Pi Mu Epsilon and Phi Kappa Phi. As a student researcher, under two professors, she has analyzed data from stress studies using biosensors and also studied wound healing. Crystal has a passion for archery, leading her school's archery club, and coaching off campus, all while training for state and national competitions. Crystal hopes to pursue a master's and work in biostatistics or the medical device industry.



Helen Zhu, Stabile No. 1261

Helen is majoring in computer science at Northwestern University, with a chemistry minor and Kellogg certificate in financial economics. Her research focuses on striking a balance between adopting mobile health technologies and user privacy concerns and leveraging artificial intelligence to develop a predictive protein-protein interaction algorithm. On campus, Helen serves as Editor-in-Chief of the *Undergraduate Research Journal* and Yearbook. She's also a TA, Chinese Student Assoc. president, and hopes to continue her studies and exploration in the multidisciplinary field of AI in medicine.

