

271 Tau Beta Pi Scholars & Bios for 2017-18

Michael A. Abramovitch, *GEICO No. 63*

Michael is studying chemical engineering at the University of California, Santa Barbara. He has researched soft materials for drug delivery applications, and is currently modeling a novel route to more efficient, visibly transparent solar cells. After graduation, he plans to pursue an academic career in chemical engineering or materials science.



Simone L. Alexandrova, *Dechman No. 3*

Simone is a chemical engineering senior at the University of Houston, serves as TBPI TX Epsilon Chapter activities chair, & as a workshop facilitator helping underclassmen hone their skills in chemical processes. She interned at a styrenics plant, translating her engineering knowledge from the classroom to the real world. She also spent a year researching the effects of chemical surfactants on the biodegradation of hydrocarbons.



Ishit B. Amin, *Stabile No. 468*

Ishit is an aspiring student in mechanical engineering and in the honors college at the University of Houston, where he served as the TBPI TX Epsilon outreach coordinator. He spent a summer as an intern at Boeing in the team that monitors the external environment of the International Space Station. After graduation, he plans to pursue a graduate degree in mechanical engineering.



Emily D. Adelson, *Scribner No. 41*

Emily is a civil engineering major at the University of Pittsburgh. She has completed two co-op rotations at Langan Engineering and is interning at MS Consultants. She is a mentor for freshman engineering students and is involved in several organizations, including ASCE. Emily plans to pursue a master's in geotechnical engg with research in slope stability and subsidence before entering the workforce.



Mariia Alibekova, *Record No. 1244*

Mariia is a chemical & biochemical engineering major at Colorado School of Mines with dreams of becoming an extraordinary physician-scientist. She was valedictorian of her high school and at Bergen Community College (NJ). She's on the dean's list, doing chemical engg research, working towards a pre-med minor, and volunteering at a hospital intensive care unit. She hopes to use her knowledge combined with medicine to improve human health.



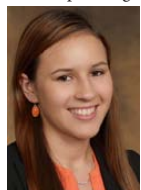
Dylan P. Antonides, *Stabile No. 469*

Dylan is a mechanical engineering senior at Valparaiso University. He is TBPI IN Delta Chapter president, a member of SAE, and engaged in campus ministry and athletics. He has completed an internship at NASA's Johnson Space Center, and researches sustainable fuel production using electrochemical processes driven by concentrated solar energy. Dylan's interests include resource stewardship, renewable energy, and automotive engineering.



Alicia V. Aguilar, *Record No. 1243*

Alicia is pursuing chemical engineering and biochemistry degrees at Oklahoma State University (OSU). She participated in undergraduate research programs at The Scripps Research Inst. and OSU focusing on genetics, immunology, and microbiology. She serves as TBPI OK Gamma Chapter President. Her future aspirations include pursuing an M.D./Ph.D. and working as a physician-scientist in drug development for auto-immune diseases.



Aaron G. Alphonso, *Record No. 1245*

Aaron is double majoring in mathematics and computer science at SD Mines. He is from Goa, India. He served as a tutor, teaching assistant, and peer mentor on campus. He is a software engineer intern at Raven Industries. Aaron is passionate about education. Upon graduation, he plans to work in industry and pursue further studies with the goal of making contributions within the field of education.



Naveen Arunachalam, *Forge No. 56*

Naveen is majoring in chemical engineering at Caltech with a focus on process systems. As a Caltech SURF fellow, he spent two summers in the labs of Dr. Goddard and Dr. Miller using computational software to research proteins and polymers. He served as local AIChE chapter president and has a passion for scientific coding. He will pursue a Ph.D. in chemical engineering.



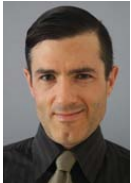
Brett C. Austin, Lyons No. 2

Brett is studying biomedical engineering at the University of Iowa, with a focus in cardiovascular biomechanics. He has been a student researcher in the biomechanics of soft tissues lab at the university for two years where he studies the mechanical properties of abdominal aortic aneurysms and the development of biomedical devices. After graduation, he intends to pursue a medical degree.



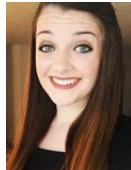
Chad M. Austin, Alford No. 12

Chad is studying electrical engineering at the University of South Alabama. His primary interests are in biomedical electromagnetic applications, antenna theory, and RF communications. He previously obtained a B.A. in comparative religion from the Univ. of Illinois and taught English in Asia. He works on a biomedical device design, contributes to a CubeSat project, and plans to pursue grad school.



Michelle R. Ayers, Stabile No. 470

Michelle is studying chemical engineering at the University of Akron. She completed a term as TBII OH Kappa Chapter corresponding secretary and served two years as treasurer of Rhythm and Roos A Cappella. She has completed 5 co-op semesters with the Bridgestone Americas Research Center and in her spare time is a peer mentor for freshman engineers as well as an engineering tutor.



Ahmad Yazan Badri, Record No. 1246

Ahmad is a civil engineering student at the University of Houston. He's active and serves as TBII TX Epsilon Chapter publicity chair. He's also involved and served as ASCE chapter president during the 2017 spring semester. Ahmad's is also involved in undergraduate research in structural engineering. He plans to pursue a master's degree in structural engineering and ultimately work in industry.



Hana Bagomaan, Stabile No. 471

Hana majors in mechanical engineering at Wayne State University and interns at RLE International working with core engineers to strengthen automotive systems. She supports innovative engineering that reflects the profession's responsibility to humanity. She hopes to continue being an active voice in her community while encouraging females to pursue STEM. Hana plans to obtain an MBA.



Goonmeet R. Bajaj, Crouch No. 2

Goonmeet is dual majoring in computer science and computer engineering with a minor in mathematics at Wright State University. She is a research assistant at the Kno.e.sis Research Center. She served as ACM Chapter president, on the Dean's Student Advisory Board, and on the computer science student advisory board. She is a student ambassador and a peer mentor and plans on pursuing graduate degrees.



Aakash Bajpai, Dodson No. 64

Aakash is a mechanical engineering major with an entrepreneurship minor at Univ. of Maryland Baltimore County. He is ASME chapter president, TBII MD Delta chapter treasurer, co-founder of the Pangea Cultural Showcase, Meyerhoff peer adviser, and computational fracture mechanics researcher. After NC State, Texas A&M, and Caltech internships; he will pursue a Ph.D. focusing on robotics.



Carter J. Bakarich, Record No. 1247

Carter studies chemical engineering at the University of Arizona minoring in materials science. He's completed internships in metallurgical processing with Freeport-McMoRan & petroleum refining with Valero Energy. He serves as an engineering ambassador, in Mortar Board, & as AIChE Chem-E Car team incoming president. He hopes to promote sustainable management of water & energy resources.



Emmanuel O. Balogun, DeLoatch No. 1

Emmanuel majors in mechanical engineering at Howard University, serves as TBII DC Alpha chapter PR officer, and his passion for business & entrepreneurship led him to serve as the president & VP of Net Impact & Howard African Business club, respectively. He worked as an engg intern at both Princeton plasma physics lab & Apple. He hopes to establish a company to create cutting edge energy solutions in Nigeria.



Kenneth J. Bansah, Record No. 1248

Kenneth, a mining engineering student at the Missouri Univ. of Science & Tech, is interested in humanitarian engg with a goal to help improve the lives of the marginalized & under-served in poor, rural communities. He enlisted several colleagues to establish a nonprofit, Mining & Community Research, in Ghana using scientific rigor & technical expertise to promote sustainable development.



James B. Barkas, Record No. 1249

James is pursuing a B.S. in mechanical engineering at the City College of New York. He has done nanofabrication research at the CUNY advanced science research center & interned twice with NASA, producing numerical models for heat transfer in two-phase flows. He is treasurer of the planetary and rocket science group. He aspires to join NASA to contribute to the mission of space exploration.



Stephannie Benitez Merced, Record No. 1250

Stephannie is a chemical engineering major minoring in environmental engineering at the University of Puerto Rico, Mayaguez. Her research is dedicated to water purification methods, with nanomaterials and polymeric membranes. She aspires to become an EPA official. Stephannie works as a financial aid assistant on her college campus and is TBII PR Alpha chapter secretary.



Cassandra T. Bradley, Stabile No. 472

Cassie is a 5th year senior at the University of Wisconsin-Madison, will graduate with a B.S. in electrical engineering, & a certificate in business. Her studies focus on power & power systems and she spent 3 summers interning with a utility company and a power plant design company. Cassie recently tried automotive engineering working on electric car batteries. She volunteers raising service dogs for a local organization.



Grace E. Brodeaur, Stabile No. 473

Grace is an honors student at The Catholic Univ. of America graduating with both a B.S. and M.S. in mechanical engineering. She serves as TBII DC Beta chapter president and CUA's Engineers Without Borders president. She will complete a master's thesis on research concerning carbon nanotube yarns & composite materials. She is interning at NetApp, interested in pursuing systems engg, & an MBA.



Mariah Brown, Stabile No. 474

Mariah is majoring in biological systems engineering with a pre-med track and a minor in leadership studies at Kansas State University. She is interested in combining her engineering knowledge with a medical degree to create innovative methods of addressing developing health concerns. Mariah participates in undergrad research, is an active community volunteer, and serves as TBII KS Gamma chapter VP.



Nathaniel F. Brown, Stabile No. 475

Nathaniel is a mechanical engineering major minoring in political science at Clemson University. He is an undergrad research assistant at the Clemson international center for automotive research, interned for two summers with Berry Global, & is president of both Clemson academic team & Clemson Soc. of Plastics Engineers. He will pursue a master's with a focus on plastics manufacturing.



Samuel D. Brown, Alford No. 13

Samuel is studying honors electrical engineering with minors in computer science and piano performance at the University of Tennessee. He is Beta Phi chapter president of Eta Kappa Nu, and is a member of several other organizations. He has done research in the area of neuromorphic computing and was a co-op with Siemens Molecular Imaging. He plans to pursue a M.S. in electrical engg at UT.



Avamarie S. Brueggeman, Stabile No. 476

Ava majors in electrical engineering with minors in mathematics and computer science at the Univ. of Wisconsin-Platteville. She spent two semesters researching speech & music signal analysis programs. She will conduct cochlear implant research in collaboration with the Univ. of Texas at Dallas. She is a UW-Platteville chancellor scholars member & incoming HKN president. She plans to pursue a Ph.D. in electrical engg.



Katie Anne Y. Buetel, *Stabile No. 477*

Katie is a junior at Miami University (OH), pursuing a double major in manufacturing engineering and engineering management, and a German minor. She interned at American Axle & Manufacturing and Synchrony Financial, in finance, quality, and IT roles. She is a TA, works in the Dean's office, and is Theta Tau fraternity secretary. In the future, Katie hopes to pursue an MBA.



Christianos Burlotos, *Stabile No. 478*

Christianos studies civil engineering with a structures concentration at the University of Notre Dame. He is committed to the link between infrastructure and integral human development. He sings in the ND glee club, leads climbing club trips, & is project manager for NDSEED, a group facilitating footbridges construction in Bolivia. Christianos will pursue a career in sustainable development engg.



Kyle M. Bushick, *Record No. 1251*

Kyle is a materials science & engineering major at Northwestern University. He is pursuing a certificate through the institute for sustainability & energy at Northwestern. He worked on experimental research to develop high entropy alloys and computational research using high-throughput density functional theory to screen for novel materials. Kyle plans to pursue a Ph.D. focusing on energy materials.



Latarence J. Butts, *Stabile No. 479*

Latarence is an electrical engineering student from West Palm Beach, FL. He is a senior at the FLA&M-FSU College of Engineering, and plans on continuing graduate studies there after graduation. Outside of school, Latarence enjoys volunteering in the community, developing in a variety of languages, and hanging with friends at the beach.



Carlos A. Caballero, *Stabile No. 480*

Carlos is working towards dual degrees in mechanical engineering and Physics at Lamar University. He explored his passion for research as a McNair scholar and research assistant. He interned for a year with steel manufacturer, Gerdau. His active flow control & aerospace technologies research has earned national awards. He would like to work in industry & pursue graduate studies in material science, aerospace engg.



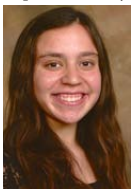
David J. Castelli Jr., *Stabile No. 481*

David is a mechanical engineering major and business minor at Villanova University. He is TBPI PA Theta chapter VP. He's also involved with engg student council and as a peer mentor for freshman engg students. David went to Cambodia during winter break, junior year, for a service learning project in which he promoted STEM fields to middle schoolers. He hopes to translate this experience into a possible future career.



Sophia L. Castillo, *Forge No. 57*

Sophia is studying bioengineering at Santa Clara University, minoring in chemistry and Spanish. She is TBPI CA Zeta chapter incoming treasurer and is a competitive gymnast at California Sports Center. Over the summer, she will intern at a DNA chip start-up and work on developing synthetic antibodies for her senior design project. Upon graduation, she plans to join the workforce or pursue a Ph.D.



Landon W. Cathers, *Record No. 1252*

Landon is working on obtaining a B.S. in mechanical engineering at Kettering University in Flint, MI. After graduation, he plans to pursue a master's in mechanical engineering. Landon would like to earn an MBA and work in an engineering management position. He also plans to pursue a P.E. license for practicing mechanical engineering with the long-term goal of becoming a professional witness.



Arunavha Chanda, *Stabile No. 482*

Arunavha is a computer engineering major at Columbia University with interests in AI and NLP. He has published 2 papers, presented at international conferences, & interned at Facebook. He also served as director of communications at Columbia NRHH for 2 years. Arunavha wants to get a master's degree in AI and hopes to change lives worldwide through technology and social service.



Michael D. Chen, *Soden No. 6*

Michael is a University of Texas at Austin petroleum engineering major with certificates in energy management & business foundations. He serves on the executive board of the Lions Clubs International local chapter and is active in SPE and AADE. Michael interned at BHP Billiton Petroleum & plans to start his career as a production/reservoir engineer in the upstream oil & gas industry.



Matthew R. Chow, *Record No. 1253*

Matthew is studying chemical engineering and mathematics at the University at Buffalo and is involved in surfactant self-assembly research. He serves as a SEAS ambassador and is active in AIChE & the honors college. He has experience in biomedical and chemistry research, process engineering, & operations. He plans to obtain a graduate degree and pursue a career in the chemical industry.



Joanna L. Ciatta, *Stabile No. 483*

Joanna is studying chemical engineering at the University of Michigan. She is past TBPI MI Gamma chapter secretary and incoming president. She is also active in research, residential housing staff, and the engineering honors program. Her favorite aspect of Tau Beta Pi is the opportunity to give back to campus & surrounding community through service. Joanna plans on pursuing a doctoral degree.



Alexa L. Cichon, *Record No. 1254*

Alexa is studying chemical engineering at the University of Michigan with a minor in biochemistry. She interned at Dow AgroSciences, helping optimize bacteria growth, and Eli Lilly and Co., in a process engineering role working with the purified water monitoring system. Alexa is also involved in AIChE, as a study group leader, and student ambassador. She plans to pursue a career in industry.



Jared C. Clements, *Stabile No. 484*

Jared is a chemical engineering student at the University of Tennessee. He is a member of the iGEM team and ambassador to the honors college. His research includes CRISPR knockout strategies for targeting antibiotic resistant pathogens. Upon graduation, he plans to pursue a medical degree.



E. Camile Cleveland, *Stabile No. 485*

Camile is pursuing a B.S. in mechanical engineering at Duke University with a certificate in aerospace engg. She is researching metamaterial designs that could be used to reduce sound transmission & noise pollution from vehicle engines. Camile is captain of her dance team & ZTA sorority president. She plans to enter industry with the goal of pursuing either a master's or Ph.D. after joining the workforce.



Kelly M. Conway, *Bloomberg No. 11*

Kelly is studying earth & environmental engineering at Columbia University. She is AAEEES chapter president, Columbia road runners president, and an active member of EWB Morocco. She conducted research in reverse osmosis desalination & applied catalysis for air pollution control, and interned in industry with Tetra Tech & GZA GeoEnvironmental. She plans to pursue graduate studies.



Matthew C. Cooksey, *Schwaller No. 7*

Matt is studying biochemical engineering at the Colorado School of Mines while pursuing a minor in biomedical engineering. He works as a teaching assistant for a freshman chemistry lab. Matt plans to continue his education at graduate school to earn a master's degree in biomedical engineering. After graduating, he wishes to pursue a career in medical device R&D.



Olga Cortes, *Faidley No. 1*

Olga is a Hispanic mechanical engineering student at the University of Texas Rio Grande Valley. She's done research in mechatronics combining engineering and the medical field. She's working on designing an electrotherapy device that incorporates mechanical, electrical, & computer engg with biology. She will pursue grad school with hopes to achieve a successful career & to be the change she would like to see in the RGV.



Polly Creveling, *Stabile No. 487*

Polly is a mechanical engineering major with minors in chemistry and pediatric research. She plans to attend medical school & go into orthopedics. Polly wants to apply her knowledge of engineering to medicine to help patients & their families with their day-to-day lives. She is TBII UT Alpha chapter president. Polly is grateful to represent such an amazing organization.



Shanna-Leigh Davidson, *Record No. 1255*

Shanna, an international student from South Africa, is a biomedical engineering major at Rowan University. She volunteers through Engineers Without Borders and BMES. She worked as a lab technician in the serology dept. in Ampath, SA, & does research using biological nanopores to sequence DNA for cancer biomarkers. She will pursue a Ph.D. at the Univ. of Pittsburgh studying biofilms.



Marisa E. Davini, *Forge No. 58*

Marisa is pursuing a B.S. in civil engineering with a minor in business administration at California State University, Chico. She is past TBII CA Alpha Alpha chapter treasurer and now serves as vice president. She is also a member of ASCE and is involved in steel bridge club & community outreach. She plans to work as a transportation engineer designing roadways and bridges across California.



Eloise M. De Castelnaeu, *Stabile No. 487*

Eloise is a mechanical engineering major at the University of Illinois at Chicago, with coursework focused on soft robotics & its applications. She worked as a graphic designer, is passionate about mentoring underprivileged children & introducing them to engineering. Eloise enjoys studying the intersection of art and engg. She plans to enter the workforce for experience before pursuing a Ph.D.



Kalani S. De Silva, *Faidley No. 2*

Kalani is majoring in environmental engineering at Northern Arizona University. She is TBII AZ Gamma chapter recording secretary. She is active in SWE and the International club. Kalani works at the NAU facilities services. She believes sustainability is most important and hopes engineering will pave a path to solutions for the environmental crisis. She wants to pursue a career in water treatment.



Louis B. Deridder, *Stabile No. 488*

Louis is a chemical & biomolecular engineering junior at Johns Hopkins University. He plans to pursue a Ph.D. in biomedical engineering, specifically in the field of nanomedicine, to develop therapeutics to treat neurological diseases. If it is successful in pre-clinical experiments, he hopes to launch a biotechnology company with his adviser to commercialize their technology & bring it into clinical trials.



Dillon J. Despain, *Stabile No. 489*

Dillon is a mechanical engineering student at Brigham Young University. He recently spent two years in Micronesia on a humanitarian service trip. He is interested in medical technologies and his research involves engineering heart tissue & modeling vector cords. He interned with Becton Dickinson Medical and plans to pursue a medical degree or Ph.D. in biomedical engineering.



Carolyn R. Detora, *Stabile No. 490*

Carolyn is studying mechanical engineering at Worcester Polytechnic Institute (WPI). She is also pursuing a master's of management at WPI & will graduate with both degrees in May of 2018. She serves as Engineering Ambassadors program assistant director at WPI and has interned at Otis Elevators & Pratt and Whitney. Carolyn hopes to work in aerospace or renewable energy industries.



Nathaniel A. DeVera, *Stabile No. 491*

Nathan is studying mechanical engineering and mathematics at Southern Methodist University while also completing his master's degree. Nathan is student body VP, Rugby team president, and male A Cappella group president. He interned at National Security Technologies, hopes to explore a variety of fields to serve the global community, and bring versatility & ingenuity to the engg discipline.



Lenora A. Dieyi, *Stabile No. 492*

Lenora is Nigerian-born, pursuing a BSc in chemical engineering, and an MSc in environmental engg through Drexel University's accelerated program. Her interests lie in pharmaceuticals and renewable energy. She is executing a graduate thesis researching a process for the conversion of easily accessible farm wastes to bio-diesel. Lenora is also completing a co-op at GlaxoSmithKline.



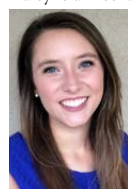
Son Q. Dinh, *Record No. 1256*

Born in Vietnam, Son moved to Washington, D.C for undergraduate studies at the Catholic University of America. Majoring in electrical engineering, he has received numerous awards such as the Anthony Scullen Award for excellent academic performance in engineering. He has conducted research in computing network and the Internet of Things. He plans to pursue a master's.



Haley J. Dishman, *Stabile No. 493*

Haley is a mechanical engineering major at Louisiana Tech University serving as TBII LA Gamma chapter recording secretary, ASCE VP, & Pi Tau Sigma president. She is a NAE grand challenge scholars program apprentice & involved in research with solar cells & 3D printing. She participates in SAE Baja, ASCE concrete canoe, & plays French horn in the symphonic winds & brass choir. She plans to pursue a mechanical/civil engg Ph.D.



Sarah E. Duclos, *Lyons No. 3*

Sarah is studying mechanical engineering at Clarkson University, minoring in biomedical engg. She is involved in a research project on intervertebral discs in Clarkson's tissue mechanics lab. Sarah is engineers for international sustainability VP, a member of the cross-country & Nordic ski teams, & completing a summer internship with GE Renewable Energy. She plans to attend grad school.



Colleen E. Dunlap, *Record No. 1257*

Colleen is studying computer engineering at Marquette University, with a minor in math & concentration in engg leadership. She is active with TBII WI Beta chapter & is a systems engineering co-op for Medtronic's Cardiac & Vascular Group. On campus, she works as a software developer for The GasDay Project, as an instructor for Marquette's girls who code club, & is an aspiring aerial acrobat.



Jordan E. Edmunds, *Forge No. 59*

Jordan is double majoring in electrical engineering and biological sciences, and plans on attending graduate school for electrical engineering in fall 2018. He is interested in mixed-signal IC design for neuroprosthetics, and hopes to work on projects that restore and enhance the cognitive capacity of the human mind.



Nicole M. Eisenshchenk, *Record No. 1258*

Nicole is a chemical engineering student at the University of North Dakota set to graduate in May 2018. While attending UND, she has been involved in SWE and will serve as president for the 2016-17 school year. Nicole is also TBII ND Beta chapter president. Upon graduation, she hopes to work as a project engineer in a chemical processing facility.



Elizabeth E. Ells, *Stabile No. 494*

Elizabeth is studying civil/environmental engineering at Norwich University with a construction management minor. She is from Cape Cod, MA. Elizabeth is TBII VT Beta chapter VP & on the NU Swim Team, student government assoc., & honor committee co-chair. She is an admin assistant for the Center for Global Resilience & Security, research fellow, & aspires to earn a Ph.D. and teach at a university.



Karim A. Elsayed, *Stabile No. 495*

Karim is an Egyptian studying mechanical engineering at Worcester Polytechnic Institute and serves as TBII MA Alpha chapter social chair. He interned at OFS Fitel and at Instrumentation Laboratory working in the R&D department. Karim is part of the WPI swimming & diving team & an active member of Phi Kappa Theta. He plans on pursuing a graduate degree in the design optimization area.



Adam D. Erlichman, *Curtis No. 10*

Adam is a chemical engineering student at Case Western with a business minor. He researches advanced materials in Dr. Ishida's lab group. He is president of CWRU Outdoors Club and his campus's chapter of Habitat for Humanity. He interned for Procter & Gamble, General Electric, L'Oréal, & Hewlett Packard. He intends on entering industry with an interest in obtaining a graduate degree.



Patrick J. Fisher, *Record No. 1259*

Patrick is a civil engineering major at Brigham Young University-Idaho. He serves as TBII ID Delta chapter president, and helped with their transition/induction into the national organization. He also serves as BYU-I ASCE president and hopes to help both organizations grow while in these leadership capacities. Patrick plans to pursue a master's degree with an emphasis in structural engineering.



Neal D. Gaffin, *Record No. 1260*

Neal studies chemical engineering at Brigham Young University. He held leadership positions for local chapters of ANS and AICHE. He conducts research into computation fluid dynamics with an on-campus research group. He also worked two summers at Los Alamos National Laboratory. He plans on pursuing a master's or Ph.D. degree and hopes to research and develop nuclear powered space technologies.



Noam Eshed, *Stabile No. 496*

Noam is a senior at Rensselaer Polytechnic Institute dual majoring in computer systems engineering and electrical engineering. She is Eta Kappa Nu chapter vice president, founder and president of the RPI Destination Imagination club, and incoming manager of the 8th Street Swing Band. She plans to pursue a master's in computer engineering after graduation.



Eric T. Flett, *Stabile No. 500*

Eric is an electrical engineering major at Kansas State University with a 4.0 GPA. He's a member of the KSU marching band, lab administrator for the electronics design club, & teaching assistant in the Physics Dept. Eric interned at Bombardier Aerospace, working with GPS and UAS for experimental flight tests. Eric plans to pursue a master's & a career with electronics & comms. in the space industry.



John J. Gainer Jr., *Stabile No. 504*

John studies weapons and systems engineering at the United States Naval Academy. He was selected to complete Trident Scholar research in his senior year undergraduate studies on a project entitled: "Persistent Target Detection and Tracking by an Autonomous Swarm." He will serve in the U.S. Navy following graduation and commissioning.



Hannah K. Fain, *Stabile No. 497*

Hannah is pursuing a degree in chemical engineering at Kansas State University. She is TBII KS Gamma chapter alumni chair and a member of Sigma Kappa Sorority, Omega Chi Epsilon, and bakery science club. She worked as a product development intern at Mars Petcare & plans to work in research and development in the food or consumer product industry after graduation.



Justin C. Fossum, *Stabile No. 501*

Justin is majoring in mechanical engineering with minors in renewable energy engg, material science, & computer science at Alfred University. He is a TA, RA, TBII NY Sigma chapter president, OAK chapter president, student body president, school radio station president, & member of the honors program. Justin had an internship with Corning Inc. for the past 2 summers. He hopes to pursue a Ph.D. in robotics.



Chengyao Gao, *Stabile No. 505*

Chengyao studies mechanical engineering at Kansas State University, serves as an RA, vice president of Chinese Students and Scholars Union, BNSF outreach mentor, a member in rocketry club & aero design club, and a student employee at K-State Athletics, Inc. He is fluent in both Mandarin and English, & he has a rock band. He plans to work or pursue a master's degree in mechanical engg.



Lezheng Fang, *Stabile No. 498*

Lezheng is a mechanical engineering senior at Lehigh University. He is TBII PA Alpha chapter president. His research interests include fracture mechanics and robotics. He spent a year learning and conducting mechanical performance testing on modern railroad rails. He is also an amateur astronomer, and is interested in pursuing graduate school.



Akane Fujimoto Wakabayashi, *Stabile No. 502*

Akane is an international student from Peru majoring in industrial & systems engineering at Rochester Institute of Tech. She completed co-ops at Mettler Toledo & Bendix Commercial Vehicle Systems in manufacturing engg and process improvement & serves on the SHPE e-board. Akane conducted research in learning analytics to predict student performance & plans to pursue a grad degree.



Jacob W. Garner, *Record No. 1261*

Jacob is a chemical engineering senior at Brigham Young University. He is interested in the role engineering plays in medicine and works in a biomedical lab focused on drug delivery. Jacob interned with Hospital Corp. of America as an emergency room process engineer in the Mountain Star division. He plans to pursue a medical degree in addition to graduate work in biomedical engineering.



Tanner M. Filben, *Lyons No. 4*

Tanner is a biomedical engineering major at West Virginia University with a minor in computer science. He participated in research internships at both WVU and Wake Forest Univ., focusing on virtual reality applications for gait rehabilitation and finite element brain modeling. He is the leader of the WVU Biomedical Engineering Society prosthetics project. Tanner plans to pursue a Ph.D.



Joseph D. Fulnecky, *Stabile No. 503*

Joe is a mechanical engineering student at the University of Notre Dame. He is a TA for statics & dynamics and a member of the Notre Dame chapters of ASME, SAE Baja, and Pi Tau Sigma. He serves on the academic code of honor committee & plays oboe in the University Band. He is passionate about the commercial duty powertrain industry and plans to work in industry & pursue a master's.



Brittany N. Gary, *Lindeburg No. 8*

Brittany is pursuing a B.S. in computer engineering and an M.S. in engineering management at Mercer University. She has held leadership positions in TBII, SWE, National Society of Leadership and Success, and the Wesley Foundation of Macon. She interned with BASF, Lockheed Martin, & Georgia Tech Research Institute. She hopes to pursue a career in app development or artificial intelligence.



Delaney Fisher, *Stabile No. 499*

Delaney is studying honors chemical & biomolecular engineering at the University of Tennessee (UTK), & serves as TBII TN Alpha chapter president. She was a teaching assistant, academic tutor, & an officer for AICHE. Delaney studied abroad in Prague, in a NSF REU program at Tufts Univ. on data analysis & design of complex biological systems. She plans on attending grad school researching the field of precision medicine.



Jessica L. Funnell, *Soderberg No. 27*

Jessica is studying biomedical engineering at Binghamton University. She has spent two summers conducting research on stem cell culture at the Univ. of Pittsburgh and bone regeneration at the Univ. of Connecticut. She is BMES chapter president, AEMB chapter treasurer, works as a TA, and conducts research in the BME department. She intends to pursue a Ph.D. in biomedical engg.



Morgane C. Gaudissart, *Scribner No. 42*

Morgane is an environmental engineering major at the University of New Hampshire & TBII NH Alpha chapter secretary. She researches in the field of ultraviolet disinfection, serving as project manager testing a UV disinfection prototype for an external client. Morgane will write a thesis on the design & applicability of small-scale hydropower completing research in the Panama rainforest.



James L. Gaydos, *Stabile No. 506*

James is a mechanical engineering major at The Ohio State University. He is OSU Drone club president, a group of multi-copter enthusiasts, and a TA for OSU's introduction to design for the dept. of mechanical engg. He completed two internship sessions with the catalyst development company pH Matter. James hopes to enter into a career or master's program with a focus on thermodynamics.



Daniela S. Gil, *Campbell No. 35*

Daniela is studying mechanical engineering at Florida International University. She served as TBII FL Theta chapter MindSET chair before becoming president in fall of 2016. She spent a summer doing research at Georgia Institute of Technology and another summer interning at Lockheed Martin. She hopes to pursue a master's degree and an MBA.



Olivier Gingras, *Stabile No. 507*

Olivier is from Quebec City, Canada. He is a member of the University of South Alabama men's tennis team. Olivier is studying mechanical engineering with a math minor. He plans to pursue a master's degree in engineering and a MBA. He is an intern at Airbus headquarters in Toulouse, France.



Krissy J. Govertsen, *Van Wagenen No. 1*

Krissy is studying civil engineering at Clarkson University. She is ASCE human resources rep, interned at General Electric & The Chazen Companies over the past two summers, and maintains involvement in colleges against cancer, Clarkson honors program, & contributes to the community as a house advisor. Krissy plans to attend grad school & for a career in sustainable building design.



Christopher J. Green, *Boysen No. 1*

Chris is an electrical & computer engineering major at Rowan University. He was IEEE student branch past treasurer & current webmaster. He is a student-elected member of the College of Engineering Dean's student advisory council. He has an internship doing electromagnetic spectrum R&D at Lockheed Martin. He wants to pursue a grad degree to learn about topics like semiconductors.



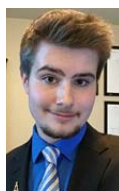
Tomas W. Green, *Scribner No. 43*

Tomas is majoring in chemical engineering and minor-ing in public policy at the University of Kansas. He is passionate about improving the relationship between science and policy. His research for AIChE was published in the *Journal of Engineering and Public Policy* & presented on Capitol Hill. A Udall Scholar, Green is involved in energy & environmental issues, chairing the student environmental advisory board and lobbying with citizens climate lobby on climate change policy. Green was selected



Jacob B. Grodek, *Record No. 1262*

Jacob is studying mechanical engineering at the University of Wisconsin-Milwaukee; is TBII WI Gamma chapter president & campus gaming club president. He interned at Rockwell Automation for 3 years with positions in manufacturing, development, & applications. After studying in Germany to learn sustainable engg, he will pursue a master's to combine smart industrial control & environmentally conscious goals.



Elise M. Gubbins, *Soderberg No. 28*

Elise is studying biomedical engineering at Yale University. She is active in Rotaract, beekeeping society past president, and serves as TBII CT Alpha chapter corresponding secretary. She is also involved in research into using decellularized lungs as scaffolds for tissue. After graduation, she plans to pursue a Ph.D. in biomedical engineering.



Helena Guo, *Record No. 1263*

Helena is studying biomedical engineering with a mathematical sciences minor at Clemson University. She acts as both academic & philanthropy chair of Clemson's Delta Phi Lambda sorority. She also participates in undergrad research with the bioeng'g dept. and plans to pursue a Ph.D. in biomechanics. She is interested in a career leading to developing pediatric biotechnology & orthopedics.



Sarah R. Hamilton, *Stabile No. 508*

Sarah is pursuing a B.S. in mechanical engineering and M.S. in materials science & engineering. She's doing research at Argonne National Lab for the DOE in their energy systems division. Sarah is also doing dye-sensitized solar cell research at Illinois Institute of Technology. She would like to work in the sustainable energy industry post-graduation to help mitigate the fast approaching energy crisis.



Christopher A. Hampel, *Stabile No. 509*

Chris is a mechanical engineering major, mathematics minor, & serves as TBII OR Gamma chapter president at the University of Portland. He researches natural convection by means of fluids visualization & high speed photography & helped UP integrate high speed imaging with numerous applications as a new data measurement technique. He will pursue thermal & fluid sciences for renewable energy.



Austin Han, *Stabile No. 510*

Austin is studying mechanical engineering at Northwestern University. He researches polymer conformation inside carbon nanotubes as well as applications of computational fluid dynamics in odor source localization. He is also a member of the solar car team. He plans to pursue a Ph.D. in mechanical engineering and a career in industry R&D.



Diana M. Harbach, *Stabile No. 511*

Diana is studying mechanical engineering at the University of Dayton. She worked two summers, as head counselor for UD's women in engineering camp. Diana is a computer graphics TA & conducts research at engineering wellness through biomechanics lab. She works at Ethicon Endo-Surgery (J&J subsidiary) through Dayton's co-op education program & plans to continue working in the medical field.



Jeremy D. Hardy, *Record No. 1264*

Jeremy will be a senior in chemical engineering at Brigham Young University. He is the co-founder & president of the BYU engineers mean business club, a campus organization for business-minded eng'g students. Jeremy also serves as TBP UT Beta chapter alumni relations chair. After graduating, he plans to begin his career on the business side of the energy industry and possibly pursue an MBA.



Zachary K. Hardy, *Record No. 1265*

Zachary is a nuclear engineering major, mathematics minor, & conducted research pertaining to machine learning optimization algorithm development at Texas A&M University. He conducted various projects at Los Alamos National Lab & holds leadership positions in academic, military based, & professional organizations, including ANS, AΣΦ frat, & Corps of Cadets. He will pursue a Ph.D. & a career of research.



Micah J. Hayden, *Record No. 1266*

Micah is a computer engineering major at the United States Air Force Academy. He has worked with a variety of embedded systems to accomplish various tasks such as making a robot autonomously navigate a maze and is a member of the USAF DARPA capstone. Micah plans to attend grad school to work on autonomous systems with a focus on remotely piloted aircraft & then a career as a pilot.



Yosuke Higashi, *Stabile No. 512*

Yosuke is a rising senior at Swarthmore College, double majoring in engineering and computer science. His main interests are in robotics, computer vision, and machine learning. His goal is to work as a self-driving car engineer. Yosuke will pursue a graduate degree in robotics.



John A. Hinkle III, *Record No. 1267*

John is in the last graduating class in the polymer and fiber engineering department at Auburn University. He plans on attending grad school in either material engg or chemical engg with a focus on renewable and environmentally friendly polymers. Then John will either continue his education with a Ph.D. to become a professor in renewable polymers or he will go into the work force with a company of similar focus.



Jesse J. Hinricher, Record No. 1268

Jesse is studying chemical engineering at MIT with a minor in chemistry. He spent a year working for a solar technology startup in Silicon Valley. Jesse interned at NASA and participated in an REU at Princeton University. He is working to model and optimize redox flow batteries for grid-scale energy storage. Jesse plans to attain a Ph.D. and found a startup focused on energy.



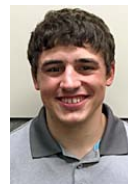
Shafquat T. Islam, Maniscalco No. 1

Robert is a chemical engineering major at Cornell University with a minor in business. He is a Goldwater Scholar, conducts research in protein glycosylation, and is involved in AIChE and Engineering World Health. Robert interned at DuPont and Genentech. After graduating, he hopes to pursue a Ph.D.



Austin R. Kaul, Stable No. 518

Austin is a mechanical engineering senior year at the South Dakota School of Mines and Technology. After graduating in May of 2018, he plans to pursue a graduate degree in mechanical engineering with an emphasis in applied mathematics and solid mechanics at the SD Mines.



Jack D. Hoeniges, Stable No. 513

Jack is a mechanical engineering and French double major at Vaparaiso University. He recently returned from a year abroad in France, which included a 6 month research internship with the French National Center for Scientific Research working with concentrated solar power. He also participates in undergrad research & works as a lab aid, tutor, & university union manager. He plans to pursue a Ph.D.



Amanda M. Jaacks, Stable No. 514

Amanda is studying mechanical engineering at Vaparaiso University with a minor in physics. As a member of Engineers without Borders, she has traveled to Nicaragua to help improve a community's water storage capacity. She is also doing research on solar powered water pumps through her internship with Innotec. She plans on pursuing a Ph.D. in thermal sciences and continuing her work with underdeveloped countries.



Aaishah O. Kelani, Forge No. 61

Aaishah is studying to become a mechanical engineer at Loyola Marymount University. She conducted research in the mechanical eng'g dept. focusing on the effects of shot peening on M43 steel used in motorized military vehicles. She interned at a biopharmaceutical company working in R&D operations engineering & facility planning. She plans on pursuing a master's degree in biomedical engineering in order to continue her work in the health care industry.



Melissa A. Hollfelder, Record No. 1269

Melissa is studying chemical engineering at Northeastern University. At NU, she plays viola in the symphony orchestra & volunteers in a civic engagement program. She's an honors student, a national merit scholar, and completed co-ops at Merrimack Pharmaceuticals in process development & AMAG Pharmaceuticals in manufacturing operations. She plans to pursue a career in pharmaceutical biotech.



Sarah A. Jackositz, Stable No. 515

Sarah is pursuing an undergraduate degree in environmental engineering from the University of New Hampshire. After graduation, she hopes to continue on to graduate school and use her degrees to contribute to and encourage a sustainable future in communities threatened by climate change.



Morgan E. King, Scribner No. 41

Morgan is studying civil & environmental engineering with minors in Spanish and political science at West Virginia University. She is involved in Engineers Without Borders serving as the project lead for a WV-based water project and as an international team member for a water assessment trip to Uganda. She is an intern at the Department of State and plans to pursue graduate studies in public policy and international development.



Kara G. Huie, Record No. 1270

Kara is a bioengineering major and graduate of the integrated life sciences honors program at the University of Maryland. Her studies focus on biomedical device design and computer science. She has been involved with various organizations including EWB and iGEM. Kara hopes to pursue a career in medical devices that serves to combat social injustices and especially helps those who are impoverished.



Louis W. Jorski, Stable No. 516

Louis is a mechanical engineering major at the University of Houston where he is the TBII TX Epsilon chapter design chair and ASME outreach chair. He is interning with a NASA contractor providing support services for the international space station, and after completing his bachelor's degree, he hopes to earn a master's and pursue a career in the aerospace industry.



Tyler A. Kleinsasser, Record No. 1273

Tyler is a civil engineering student at the South Dakota School of Mines and Technology. He is involved in many activities on campus, including Residence Life and Engineers and Scientists Abroad (ESA). After earning his undergraduate degree, Tyler hopes to continue his education at SD Mines and pursue a graduate degree.



Mathilde M.F. Idoine, Record No. 1271

Five years ago Mathilde decided to leave France, her home country, to study abroad in the U.S. Now she's a senior in mechanical engineering at Washington State University, member of the AAPI sorority & WSU renewable energy org. Mathilde plans to attend grad school for a master's in design. She wishes to take a career path mixing both majors while being respectful of the environment.



Erin L. Kane, Record No. 1272

Erin is a chemical engineering major at Rensselaer Polytechnic Institute minoring in psychology. She participates in research involving affinity precipitation as a purification technique and is a summer intern at Regeneron Pharmaceuticals. Erin is active as ΩXE president & webmaster, women's varsity swim team captain, an age-group swim coach, and AIChE member. She is planning on furthering her career in the pharmaceutical and biotech fields.



Melannie G. Kliegel, Forge No. 62

Melanie is studying mechanical engineering at the University of San Diego. She serves as TBII CA Alpha Epsilon chapter VP, president of USD's SWE, and vice president of USD's Pi Tau Sigma chapter. She is also the engineering program director for the National Student Leadership Conference at Georgia Tech, teaching leadership & eng'g skills to high school students. She hopes to pursue humanitarian work, or become a HS STEM teacher.



Jose L. Iniguez, Forge No. 20

Jose is a mechanical engineering senior at Sacramento State. As the structural engineer lead, he designed and built with fellow students Sac State's Tiny Home project. Jose is in an internship with Cummins as a product design engineer intern in Columbus, IN, at their engine plant. He plans on going to grad school to study in the aerospace field to contribute in future space exploration projects.



Nicholas S. Karpathy, Stable No. 517

Nicholas is majoring in civil engineering at the University of Miami (FL). He has worked as an intern for multiple companies, including Odebrecht Construction and is currently with Chen Moore & Associates. He is an active member of Chi Epsilon and ASCE chapter president. Nicholas is planning on earning his master's in civil engineering.



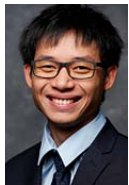
Atchima Klomkaew, Davis No. 1

Atchima, a Thai native, studies computer engineering at the University of Alabama in Huntsville. Not only is she TBII AL Delta chapter treasurer, but she also founded & is chapter president of Circle K International & Society of Asian Scientists and Engineers. Atchima interns at Northrop Grumman where she witnessed her first flight test (Pentagon) while exploring a missile defense field. She hopes to gain more experience while giving back to the community.



Phiwat Klomkaew, Nagel No. 46

A Thai native, Phiwat is a chemical engineering senior at the University of South Alabama. He works with Dr. Leavesley in developing a fluorescent imaging device and Dr. Walker in modeling power-to-gas hydrogen storage systems for a greener bus. Phiwat is TBII AL Epsilon chapter president & served as scholarship & integral beta competition committee chairs. He plans to pursue M.S. and Ph.D. in biomedical eng'g & continue to volunteer.



Michael J. Knoblauch, Sickafoose No. 5

Michael is studying chemical engineering with a minor in business at the University of Akron. He has volunteered teaching students at the local STEM high school, played for Akron's club rugby team, interned at several companies, and has conducted research developing carbon based catalyst support structures. After graduation, Michael will work in industry to design and optimize processing systems that minimize environmental impact.



Thomas A. Koch, Record No. 1274

Thomas is an electrical engineering student at the Cooper Union (NY). His studies have led him to consider the possibility of pursuing a Ph.D. in electrical engineering or mathematics. He plans to apply to many programs and full-time job positions in the fall. At the moment, Thomas is leaning towards graduate school for his future, rather than the corporate world. He serves as TBII NY Iota chapter vice president.



Randy M. Koon, Record No. 1275

Randy is a former U.S. Marine Corps veteran who utilized his educational benefits after honorable discharge from service. He's a senior electrical engineering major at the University of Dayton. He is completing his third co-op at Dayton-Phoenix Group, where he will be responsible for the testing of prototype air conditioning units in the environmental chamber. Randy plans on continuing his education with a master's degree in electrical eng'g.



Zachary C. Koop, Record No. 1276

Earning a B.S. in electrical engineering and B.S. in Physics, Zachary has a passion for renewable energies and poverty alleviation. He helped build the world's most efficient solar cells at the National Renewable Energy Lab, developed over 1.5 mega-watts of international PV for rural African communities, & served as a YP4 national fellow. His aspirations include building equality, developing the world's future energy landscape, & a



Lyon R. Kopsack, Record No. 1277

Lyon is a lifelong Alaskan currently studying civil engineering. He will start his senior year at the University of Alaska Fairbanks in the fall. After college, he plans to work as an EIT in his hometown. In his spare time, he will be outside in the mountains with his family. Lyon believes that whatever you do, do your work heartily, as for the Lord rather than for men.



Paige M. Kordas, Record No. 1278

Paige is majoring in computer science at the University of Illinois at Urbana-Champaign, with a focus on artificial intelligence. She has worked on research involving both computer vision and natural language processing. She is involved with women in computer science, honors student council, and the Illini swing society. After graduating, she plans to pursue a Ph.D. with a focus on the intersection of natural language processing and computer vision.



Rachel A. Krebs, Record No. 1279

Rachel is studying chemical engineering at the University of Dayton. She is involved in the honors program, Omega Chi Epsilon, and is the incoming TBII OH Theta chapter vice president. She worked a co-op at Glatfelter in Chillicothe, OH, and worked four co-ops at Battelle Memorial Institute in Columbus, OH. Rachel plans to pursue a career in research and development.



Katherine L. Krouse, Stable No. 519

Katherine is majoring in chemical & biomolecular engineering at the University of Tennessee. She is a member of SWE and its mentoring program. She is an undergrad researcher & in UTK's iGEM bioeng'g research team. She interns at ORNL to help determine how DNA methylation affects transformation into unique organisms. Her aspirations include finding more personal treatments & medications for mental illness.



Gregory R. Krueper, Forge No. 63

Greg studies electrical engineering and applied physics at the University of California, Irvine. He is Eta Kappa Nu board member, and a member of engineering student council & the campuswide honors program. With a research background in solar cell technology from on-campus research and an internship at Caelux Corporation, he plans to pursue a Ph.D. in Physics while researching plasma physics for applications in nuclear fusion.



Anna L. Kucera, Record No. 1280

Anna is studying biological systems engineering with a mathematics minor at Kansas State University. She is an active member of the KSU steel ring senior honors society, Snyder Leadership Legacy Fellows, and a scholars assisting scholars differential equations tutor. She has studied abroad in Ecuador, Nicaragua, and Belize. Anna plans to attend the College of Veterinary Medicine and work in the fields of animal prosthetic design & surgery.



Hannah M. Kuhl, Record No. 1281

Hannah is studying bioengineering with a minor in materials science & eng'g at the University of Illinois Urbana-Champaign. She served as TBII IL Alpha chapter recording secretary & now as president. Hannah is a Marching Illini trumpet section leader and BMES member. She works as an assistant in a BioE lab course. This summer is Hannah's second internship with Abbott Laboratories pursuing her desire to work in the medical device industry.



Amy C. Kurr, Sukup No. 1

Amy is studying materials engineering at Iowa State University with a minor in biomedical engineering. She was a small group leader for the TBII IA Alpha chapter and currently assists in improving membership retention. Amy is an advocate for women who lift weights and competes in both powerlifting and strongman. She will pursue a career focusing on giving back to others and further appreciating the beautiful mystery of life.



Allison M. Laber, Record No. 1282

Allison is a civil engineering student at the University of Kentucky. During her time at UK, she has served as a peer mentor in the engineering living learning program, an officer in the Society of Women Engineers, and a student ambassador for the College of Engineering. Allison hopes to promote environmentally friendly construction practices in her career.



Alim H. Ladha, Record No. 1283

Alim is double majoring in biomedical engineering and electrical & computer engineering with a minor in computer science at Duke University. Alim worked on clinical fecal microbiota transplantation research as an intern at OpenBiome. He is also researching tissue-engineered blood vessels for drug testing in the Truskey Lab. He plans to work or pursue a Ph.D. in biomedical engineering.



Cary E. Laird, Campbell No. 39

Cary is a 4.0 student double majoring in mechanical engineering and physics. She is an Auburn University Marching Band piccolo section leader, a past officer for ASME, and a member of Phi Kappa Phi, Pi Tau Sigma, & Sigma Pi Sigma honor societies. Cary is involved in additive manufacturing research and tutors math and physics classes. She has interned with Southern Nuclear and plans to obtain a Ph.D.



Gerald M. Lamina, Stable No. 520

Gerald graduated with a degree in biomedical engineering with a minor in applied mathematics. He will be a full-time graduate student next year in the school of systems and enterprises at Stevens Institute of Technology getting a degree in systems engineering. Gerald will play varsity soccer for one last season. After graduation, he hopes to work as a clinical supervisor for a medical device company & potentially start his own medical device start-up.



Brianna M. Lax, Record No. 1284

Brianna is studying chemical engineering with a minor in environmental engineering at the University of Michigan, Ann Arbor. Her co-curricular activities include researching the energy efficiency of micro-fabricated thermal flow rate sensors in the Burns Lab, assisting in teaching chemical engineering & organic chemistry courses, and serving as TBII MI Gamma chapter external vice president. Brianna plans to attend grad school to obtain her Ph.D.



Tung T. Le, *Stabile No. 521*

Tung is studying chemical engineering at Cornell University. Tung does research on hydraulic fracturing for geothermal reservoirs and has interned in Vietnam in the petroleum and plastics industries. After graduation, he plans to either pursue graduate study or work in the energy sector.



Haihao Liu, *Stabile No. 524*

Haihao is pursuing a B.S. in materials science & nanoengineering and a B.A. in Mathematics at Rice University. In addition to materials research, he spent a summer doing theoretical physics research in Japan. This past semester, he studied abroad in France at CentraleSupélec, a top engineering school. He is spending this summer in China working with carbon nanotubes. Haihao plans to pursue a Ph.D. and continue to work as a researcher.



Hana S. Macahilas, *Stabile No. 526*

Hana is a mechanical engineering major at CSUS and will graduate in May 2018. She has a passion for creating innovative designs and for the environment. Hana created a small wind turbine as part of a class project and as her final senior project she hopes to expand that design to be functional for residential use. In the future, she will focus her career on renewable energy and sustainable design.



Patrick A. Leggieri, *Stabile No. 522*

Patrick is studying chemical engineering with a minor in biotechnology at Lafayette College. He conducted research on biodiesel cold-flow properties, and the effects of shear stress on endothelial cells at Johns Hopkins Univ. He is TBII PA Epsilon chapter treasurer, an active member of AIChE, and a peer tutor for chemistry & mathematics. He plans to pursue a Ph.D. in chemical engineering or biotechnology.



Yutong Liu, *Record No. 1287*

Yutong is a bioengineering major at UC Berkeley. She is a TA, officer of the Biomedical Engineering Society, and team member of Cal Archery. She has conducted research on aging and cancer at UC Berkeley, EPFL, and Cold Spring Harbor Laboratory. Yutong plans to pursue a Ph.D. degree in biomedical sciences.



Zainab Mahmood, *Stabile No. 527*

Zainab is studying biomedical engineering with a minor in biophysics at The George Washington University. She is TBII DC Gamma chapter vice president, GWU Biomedical Engineering Society treasurer, and a SEASSPAN mentor for freshman engineers. She also works in an imaging lab focusing on breast cancer detection using infrared technology. She hopes to pursue a master's degree in biomedical engineering and work in prosthetic design.



Claire M. Like, *Record No. 1285*

Claire is studying civil engineering with a structural eng'g minor at Louisiana State University. She's an experimental statistics lab TA, research assistant specializing in modified asphalt binder, & interned for Shell Oil Co. in the Shell Projects & Technology dept. Claire is active with ASCE, SWE, & Volunteer LSU. She is Chi Epsilon chapter secretary & editor and TBII LA Alpha chapter corresponding secretary. She plans to enter the workforce & pursue a P.E. license.



Reid E. Long Jr., *Althouse No. 9*

Reid is a senior electrical & computer engineering major at Carnegie Mellon University. He has a focus in both computer architecture and software systems. He completed internships in software engineering at Dialexa, CPU design verification at Apple, and production engineering at Facebook. Outside of the classroom, he participates in CMU Buggy. He is also a TA for operating systems and an EXCEL leader for structure & design of digital systems.



Christopher Q. Mai, *Stabile No. 528*

Christopher is seeking a double degree in mathematics and mechanical engineering at Louisiana State University. He grew up in Louisiana, and has been involved in STEM fields since middle school. After graduating, he plans on attending grad school for biomechanics. Anatomy fascinates Christopher, and he hopes to gain further understanding of the human body & movement to aid in rehabilitation methods and prosthetics for treatment of severe physical injuries.



Tom Y.T. Lin, *Forge No. 64*

Tom is double majoring in chemical engineering and materials science at UC Berkeley. He has served in four different officer positions in the TBII CA Alpha Chapter and is active in AIChE and MSEA. He took a year off of school to work at PlantPV, a Silicon Valley venture-backed solar startup, and is back in school researching nanoparticle catalysts for CO2 reduction with the Yang Group. He plans to pursue a Ph.D. in clean tech.



John D. Lorence, *Soden No. 7*

John David is a petroleum engineering major also minoring in geology and energy studies at Louisiana State University (LSU) Baton Rouge. He was involved in Kappa Sigma fraternity, and currently has a summer internship with Hilcorp Energy in Houston, Texas. After graduation he hopes to work for an oil and gas company.



Juilee N. Malavade, *Stabile No. 529*

Juilee is studying biomedical engineering at Rutgers University with a double major in applied kinesiology. She serves as Rutgers engineering governing council VP, will teach 1st year seminar on careers in the sciences, is an engg ambassador, & member of Alpha Eta Mu Beta. She worked on two research projects: characterizing 3-D printable collagen & designing proteins to measure cell force & plans to pursue a Ph.D. and explore new frontiers in biomaterials research.



Schuyler S. Link, *Stabile No. 523*

Schuyler is a biomedical engineering major at Tufts University. He is Tufts men's fencing team saber captain, involved in tissue engineering research, and an active member of Tufts iGEM, the Sharewood Project, and the pre-medical & biomedical engineering societies. In the summers, Schuyler volunteers with the Epilepsy Foundation of Texas, works at Baylor College of Medicine in the ophthalmology dept., & plans to pursue MD/Ph.D. degrees.



Daniel J. Lovell, *Record No. 1288*

Daniel is a senior in computer engineering at Kansas State University. He will proudly serve as an engineering ambassadors' committee head, TBII KS Gamma chapter corresponding secretary elect, and trombone section leader in the Pride of Wildcat Land Marching Band. Daniel is working as an intern at Garmin, developing aviation display software. After graduation, he plans to begin a career in software engineering, and later earn a MBA.



Stacy L. Mann, *Record No. 1289*

Stacy is pursuing a B.S. in mechanical engineering at Kettering University where she's active in SWE and various other extracurricular activities, including as the former rock-climbing club president. She holds two part-time jobs as a student worker in the ME dept. and crash safety lab, in addition to a co-op position at General Motors. She plans to start a career as a mechanical engineer and pursue master's degree a part-time.



Angela Liu, *Record No. 1286*

Angela is studying biomedical engineering at the University of Texas at Austin, where she served as TBII TX Alpha chapter public relations chair. As a research lab assistant, she fabricates microchips that mimic the human intestine. She enjoys providing music therapy for senior citizens. After graduation, she plans to attend medical school and conduct research to find treatments for neurodegenerative diseases.



Maliha Lubna, *Stabile No. 525*

Maliha is majoring in industrial & systems engineering with a mathematics minor at the University of Alabama in Huntsville. With a STEM background, she has worked in different research subjects involving model based systems engineering and human factors engineering. Maliha is also involved with her school's SWE chapter, specifically in outreach with young girls. She aspires to continue work in outreach & pursue graduate studies in industrial eng'g.



Evelyn M. Marchbanks, *Record No. 1290*

Evelyn is a chemical & biochemical engineering major at the Colorado School of Mines. She's involved in AIChE, SWE, Pi Beta Phi, & Order of Omega, serving as executive council treasurer for both PIBΦ and Order of Omega. She is involved in community outreach & volunteering, especially during TBII engineering days. Evelyn researched heart valve calcification at the Univ. of Wisconsin-Madison as an REU, interned at New Sky Energy, & plans to pursue a career in industry.



Alexander Martin, Record No. 1291

Alexander will graduate from Northwestern with a B.S. in mechanical engineering and B.A. in violin performance. Alexander specializes in systems engg, environmental design, & mathematical modeling. He serves as NU solar car team project manager, holds a position on the engg school student advisory board, & plays violin with the Bienen School of Music. He will pursue master's or Ph.D. & contribute to the development of renewable energy systems or space exploration.



Isaac A. Mastalski, Soden No. 8

Isaac is a chemical engineering student with minors in chemistry & music at the University of Pittsburgh. He's conducted research using natural gas to sustainably produce commodity chemicals, and also researched at NASA Goddard on controlling the morphology of thin films necessary for constructing spacecraft X-ray detectors. Isaac is TBII PA Lambda chapter vice president, and plans to attend graduate school with a focus on sustainability.



Ava K. Mauser, Nagel No. 47

Ava is studying chemical engineering with a concentration in bioengineering and mathematics minor at the University of New Mexico. She is TBII NM Beta chapter president and SWE VP. Ava conducted research at Los Alamos National Labs in inorganic isotope & actinide chemistry. She's working on iOS app & biomedical device development at UNM orthopedic biomechanics & biomaterials lab. Ava will pursue a Ph.D. in biomedical engg.



Maridy M. Mazaira, Stabile No. 530

Maridy is pursuing industrial & systems engineering, has an internship at Ford Motor Co., and a previous internship at ZF-TRW. She is founder & president of the Society of Hispanic Professional Engineers and past TBII MI Iota chapter VP. Maridy is in the process of establishing a SHPE Jr chapter at a low income high school to promote STEM fields. She plans to obtain a master's in engineering management and work at Ford or in the auto industry.



Martin G. McCandless, Brems No. 2

Martin is pursuing a degree in aerospace engineering at Mississippi State University (MSU). He worked on research involving 3D printed CubeSats and is researching at MSU's high performance computing laboratory on lung airway simulations using computational fluid dynamics (CFD). Martin is a 2017 NOAA Ernest Hollings Scholar & will intern at a NOAA research facility in the summer of 2018. He plans to research CFD and pursue grad studies.



Amy P. McClain, Stabile No. 531

Amy is a mechanical engineering student, mathematics minor, & honors distinction at Wichita State University. She is TBII KS Beta chapter president, and hopes to promote the growth & recognition of the organization. She's also SWE chapter treasurer and member of student ambassador society, Delta Gamma sorority, & National Society of Leadership and Success. She's an engineering intern with Burns & McDonnell & would like to work in industry & an MBA.



Joshua S. McClellan, Record No. 1292

Joshua is studying electrical engineering at Brigham Young University. He researches innovative micro-scale optical & electrical devices and human-robotic swarm interaction. He's coauthored several journal & conference publications regarding these topics. He enjoys hiking, playing the piano, and doing service. He plans to continue his education in grad school and to build a career using robotics to address challenges in healthcare.



Seth McClenahan, Record No. 1293

Seth is studying chemical engineering with a minor in material science at Worcester Polytechnic Institute (WPI). He serves as TBII MA Alpha chapter cataloger. He recently studied abroad in Costa Rica, working with the National Fire Department to develop a guide for wildlife management. Seth plays on the WPI club soccer and golf teams & plans to continue his passion for golf by working in the golfing industry.



Luke S. Merrick, Record No. 1294

Luke is completing a B.S. in systems engineering at the University of Virginia with a focus on computer science. Currently involved in theoretical machine learning research, he plans to continue this work with a graduate degree in computer science before ultimately working to further disruptive AI-powered innovation in industry. Luke serves as TBII VA Alpha chapter president and is an active member of the Virginia glee club.



Allison L. Miller, Record No. 1295

Allison is studying chemical engineering at Colorado School of Mines. She is incoming TBII CO Alpha chapter vice president, and also participates in Blue Key Honor Society and Pi Beta Phi sorority. She has enjoyed interning in the upstream & downstream segments of the oil and gas industry and looks forward to applying her chemical engineering skills within industry. In her free time, she enjoys hiking, baking, & volunteering in the community.



Nathan T. Mills, Soden No. 9

Nathan is majoring in petroleum engineering with a 4.0 GPA at the Colorado School of Mines. He is a U.S. Air Force veteran with a B.Sc. in strategic leadership. He recently interned for ConocoPhillips as a natural gas production engineer. After graduation, he plans to pursue a career developing unconventional shale reservoirs and earn a professional engineering license.



Thomas J. Milyo, Brems No. 3

Tom is studying mechanical engineering at Case Western Reserve University with a minor in Spanish. He is TBII OH Alpha chapter president and a member of BΘII fraternity. As a co-op at Swagelok Company, he has specialized in lean manufacturing and tool design. After graduation, he hopes to go into industry and then pursue an MBA.



Shannon M. Moffat, Stabile No. 532

Shannon is a B.S./M.S. student studying mechanical engineering at Worcester Polytechnic Institute, with a biomechanics concentration and minors in robotics engineering & global studies. She is an engineering ambassador and tech girls coordinator, both of which focus on STEM outreach for middle and high school students. She also serves as the vice president and director of scholarship for her chapter of the Chi Omega women's fraternity.



Mohamad I. Mohamad Lookman, Stabile No. 533

Iliya, a Malaysian Muslim student, is pursuing a B.E. in mechanical engineering with minors in computer science and materials science at Vanderbilt University. He conducted research on a DARPA-sponsored research project called ISSTAC at the Institute for Software Integrated Systems and is currently working as a product design engineer intern at MONQ. He plans to pursue a career in technology, robotics, & automation or energy.



Courtney C. Montague, Record No. 1296

Courtney is majoring in mechanical engineering with a minor in physics at the University of Kentucky. She completed three co-op assignments at General Electric Aviation and one at Northrop Grumman, serving in both manufacturing & design roles. She is a member of the leadership team for the NASA Kentucky undergraduate student instrument project, KOREVET. Courtney plans to pursue an MBA while working in the aerospace industry.



Jeremiah A. Montemayor, Brems No. 4

Jeremiah is finishing his two degrees in aerospace engineering and applied math at San Jose State University. He is TBII CA Eta chapter events lead & served as mentor lead helping establish the chapter's new mentor program. Jeremiah also interns at Space Systems Loral as a spacecraft systems engineering intern. He plans to work in computational fluid dynamics to discover efficient methods of improving aircraft performance.



Kelsey C. Moss, Stabile No. 534

Kelsey is studying mechanical engineering at the University of Nebraska-Lincoln with a minor in business. She is involved in several campus activities, including ASME and as a resident assistant. With internship experience at Alvine Engineering and HDR, she plans to pursue a career in industry after graduation.



Austen H. Motily, Record No. 1297

Austen is a mechanical engineering major with an international engg option at the University of Wyoming. He participated in an exchange program in France and will study abroad in Germany. Austen was the TBII WY Alpha chapter awards committee chairman for the annual banquet and has been a National Science Foundation EPS-CoR undergraduate research fellow, using finite element analysis to study nacre, a biological composite. He plans to attend grad school.



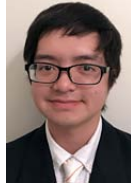
Jared R. Muench, Record No. 1298

Jared is studying biomedical engineering at the University of Wisconsin-Madison, with a certificate in biology in engineering. He recently returned from a summer study abroad program in Rome, Italy. As a member of the UW neuromuscular biomechanics lab, Jared is involved in research that investigates tissue mechanics and musculoskeletal injury. Jared will serve as TBII WI Alpha chapter VP, and plans to pursue a degree in medicine.



Austin Q. Ngo, Olberding No. 1

Austin is majoring in materials science & engineering at the University of Tennessee. He is an officer in both the TBII TN Alpha chapter and the local materials advantage professional society. He's done undergraduate research at both the university and ORNL on additively manufactured metallic alloys and their properties. After graduation, Austin plans to pursue a Ph.D. in materials science & engineering.



Kayla C. Niccum, Stable No. 535

Kayla is pursuing a bachelor's degree in chemical engineering from Cornell University. She is TBII NY Delta chapter president, involved in club soccer, and research focused on thin films of CdS nanoparticles. Kayla also guides for outdoor odyssey, a pre-orientation backpack program freshman. She hopes to work in industry to scale up processes from the lab bench to manufacturing & to improve the efficiency of existing processes.



Valerie A. Niemann, Stable No. 536

Valerie is studying chemical engineering with a physics minor at Drexel University. She has a passion for solving complex challenges in energy conversion by interfacing chemical engg, physics, & materials science. She interned in Münster, Germany, the Army Research Lab, & at Lawrence Berkeley National Lab. Valerie will serve as TBII PA Zeta chapter webmaster. She plans to pursue a Ph.D., where she will research materials for alternative energy applications.



Jacob Oberpriller, Record No. 1299

Jacob is a junior industrial engineering student at the South Dakota School of Mines and Technology. He is working on his second rotation as a co-op in the logistics engineering department at Michelin North America. His passion for school activities range from student senate to intramural football. Following graduation, Jacob plans on either pursuing a master's degree or going out into the workforce.



Mark R. Odorizzi, Scholz No. 1

Mark will earn his bachelor's in architectural engineering, a master's in civil engg, & minor in music at Drexel University. His goal is to attain a P.E. as a structural engineer and offer consulting services for building design & repair. He worked as a co-op at Mainstay Engineering Group and at Keast & Hood. He serves as a campus tutor, Drexel table tennis club president, and incoming TBII PA Theta chapter vice president.



Brian C. O'Hara, Record No. 1300

Brian is a civil engineering student enrolled in the 5-year bachelor-master's program at the University of Detroit Mercy. He is president of both the TBII MI Delta chapter and UDM's ASCE chapter. Brian is in his third co-op rotation at Wade Trim, where he has worked as an inspector on both state & municipal construction projects throughout Metro Detroit. He plans to pursue a master's degree specializing in construction management.



Yousef H. Omar, Record No. 1301

Yousef is a chemical & biomolecular engineering major at the University of South Alabama. He will attend the Univ. of South Alabama College of Medicine, where he hopes to continue his interdisciplinary medical/engg research that he is working on. Yousef is researching a novel green synthesis method for silver nanoparticles with medical applications. He's active on campus & serves as TBII AL Delta chapter treasurer & council of international student organizations president.



Braeden Ostepchuk, Stable No. 537

Braeden is studying mechanical engineering at Norwich University with a minor in leadership. He serves as TBII VT Beta chapter president, and Norwich Pi Tau Sigma vice president. Outside of the classroom, he is a co-captain for the defending NCAA Div. III Men's Ice Hockey National Champions and is a CoSIDA Academic All-American. He also had an internship working in corporate finance, focusing on syndication loans.



Robert C. Owens, Record No. 1302

Robert is studying chemical engineering at the University of Kentucky. He received the 2015-16 AIChE Othmer Sophomore Academic Excellence Award, the 2017 SAME Award, & is an active member in several campus honor societies. He plans to work as a chemical engineer before applying to medical school. Robert wants to make a positive impact on the world as an engineer & medical doctor, which includes giving back to the men & women of our military.



Amelia W. Paine, Bose No. 11

Amelia is studying materials science & engineering at MIT, with a minor in entrepreneurship and innovation. She spent the past summers conducting research at Imperial College London and interning at IBM Research Zurich. She is involved in several student organizations, including MIT's Asian Dance team and Next Art. After graduation, she plans to attend graduate school to study soft matter using computational methods.



June S. Park, Dodson No. 65

June is a chemical engineering senior with a 3.85 GPA at University of Southern California. She received a 2015 NSF scholarship and has performed two summer research fellowships in polymer/materials science. As a former filmmaker, she has passion for applied science & communication of technical subjects. She is a summer metallurgical engg intern at Freeport McMoRan, the world's largest Molybdenum producer, & plans to work after graduation.



Bram C. Parkinson, Stable No. 538

Bram is studying mechanical engineering at Michigan State University. His involvement in the research of the flash evaporation phenomenon, as well as his internships at Thermo King, illustrate his interest in fluids, thermodynamics, and energy. Also notable are his contributions to multiple academic societies, as well as his involvement as a mentor. Bram hopes to continue his education by pursuing a master's degree.



Jacob P. Perry, Stable No. 539

Jacob is pursuing degrees in mechanical engineering, with an aerospace minor, and in modern languages with a concentration in German and a minor in French. His research utilizes computational fluid dynamic (CFD) techniques to analyze the efficiency of a thermal energy storage system. Jacob intends on immediately attending a graduate program with a heavy focus on CFD applications to atmospheric or oceanic modeling.



Damon J. Petersen, Record No. 1303

Damon is a chemical engineering student at Brigham Young University. His studies & undergrad research focus on systems modeling, optimization, and control. Damon performed research & development in autonomous vehicles (active safety), energy systems capacity expansion planning, and polymer manufacturing automation. He intends to pursue a Ph.D. and use what he learns to improve others' lives through a meaningful career in engineering.



Stannard N. Phelps, Stable No. 540

Stannard is completing his bachelor's degree in mechanical engineering at University of Kentucky. He works part time, served as a TBII KY Alpha chapter officer, and assists the solar eclipse team as a payloads team member. His intention are to graduate in May 2018 and enter the workforce in the aerospace industry. One day to return to higher education and finish his Ph.D. in engineering and teach at a university.



Dagan Pielstick, Stable No. 541

Dagan studies mechanical engineering at Brigham Young University with a music minor. He designed a web-app for a multi-million dollar engg firm, studied product development in Singapore, & is interested in optimization & design, emphasizing interdisciplinary collaboration. He researches wind energy optimization & the processing differences between music & language in neuroscience. He'll pursue grad school in design/optimization to increase energy sustainability.



Gary L. Pike, Record No. 1304

Gary is pursuing degrees in software engineering and aerospace engineering along with business finance at Auburn University. He's also working on minors in aviation management & wireless software. Gary works part-time with Apple, Inc. and will co-op with Adtran, Inc. as a software engineer. He volunteers with CERT & Medical Reserve Corps and is University Amateur Radio club VP. He plans to pursue a master's, Ph.D., & work with a company on the cutting edge of technology.



Jessica N. Pinkston, Record No. 1305

Jessica is a chemical engineering major at Auburn University specializing in biomedical engg and minoring in Spanish and business. She works on nanocomposite & drug delivery research projects, plays flute & piccolo in Auburn's marching and symphonic bands, and interned with Southern Company and Evonik Corp. Jessica would like to spend a few years in industry before pursuing an engineering graduate degree or MBA.



Steven J. Pirvu, Record No. 1306

Steven is studying biomedical engineering with a minor in computer science at Louisiana Tech University. He serves as TBII LA Gamma chapter president and is involved in BMES and AEMB. He participated in an REU at MIT doing research on tissue engineering and computational image processing. Upon graduation, he plans to attend graduate school and ultimately work in the biotech industry.



Conner D. Pitts, Record No. 1307

Conner is studying bioengineering at the University of Washington, and plans to earn a degree in computer science as well. He is TBII WA Alpha chapter vice president and also works with the Bioengineers Without Borders and BioEngage. Conner does research in a lab that has to do with ultrasound. He would like to pursue a master's degree or go into industry and work with computation and bioengineering.



Madelina R. Pratt, Dodson No. 66

Madelina is pursuing a B.S. in biomedical engineering, minor in Spanish, & master's in environmental engg at the University of Southern California. She's involved in city fellows entrepreneurship cohort of L.A., 3D printing design projects, volunteering at a local hospital, SWE, & the Assoc. of Mexican entrepreneurs. She studied abroad in Spain, Singapore, & Argentina & plans to work building clean teach & medical infrastructure in developing countries.



Gabriel Prescinotti Vivan, Brems No. 5

Gabriel is studying aerospace engineering at Western Michigan University with minors in international business and mathematics. He is TBII MI Kappa chapter vice president, and researching on optimizing the control algorithms of CVT engines in partnership with the Ford Motor Co. He also contributes to WMU's cubesat launch initiative. He plans on pursuing a master's degree and a career in the aerospace industry.



Shiyi Qin, Curtis No. 11

Shiyi is a chemical engineering major and music minor at Case Western Reserve University. She's working as a co-op at Philips Healthcare, is involved in undergrad research regarding electrochemical sensors, enjoys volunteering, and holds leadership positions in multiple on-campus organizations, including AICHe. She plans to pursue a career in R&D in the healthcare/consumer goods industry or continue her research in grad school.



Maria Raggousis, Stabile No. 542

Maria is studying architectural engineering B.S. and civil engineering M.S. degrees at Drexel University. She's been elected TBII PA Zeta chapter president for 2 years and will serve as Drexel Chi Epsilon chapter president. Learning through 3 internship experiences for a contractor, consulting engineer, & project owner, she plans to pursue project management positions or research work after graduation. Maria enjoys performing in instrumental ensembles.



Sahej D.S. Randhawa, Record No. 1308

Sahej is pursuing a B.S. in bioengineering at the University of California, San Diego. He participates in research at a neuromuscular engg lab. He works on an independent engg project for improving at-home care for geriatric patients, which recently was accepted to & completed the NSF I-Corps phase I incubator program. He dances with the university bhanga team, will serve as UCSD's scholars society president, & attend medical school.



Sydney C. Reiners, Stabile No. 543

Sydney is studying mechanical engineering with a minor in mathematics at the University of San Diego. She is TBII CA Alpha Epsilon chapter secretary and is involved in Alpha Chi Omega and engineering brigades. She looks forward to studying abroad in Prague, Czech Republic, and plans to pursue a biomedical engineering master's degree upon graduation.



Zachary B. Ricca, Stabile No. 544

Zach studies biomedical engineering at Brown University. He performed neuroengineering research in the Bruns laboratory at the Univ. of Michigan to characterize electrical interactions at the microelectrode-tissue interface for implanted devices. He serves as a leader in Brown's group tutoring program. He plans to start his career with a medical device company and eventually pursue a graduate degree in biomedical engg.



Lea J. Rice, Stabile No. 545

Lea majors in mechanical engineering at Yale University, where she's also in the energy studies program. She's done research in Dresden, Germany, at the Institut für Leichtbau und Kunststofftechnik, analyzing the vibrational responses of rotating compressor blades, and she interned for Arup. In the future, Lea hopes to continue to combine her interests in engineering and energy by pursuing a career in for a sustainable built environment.



Vincent P. Rigoglioso, Stabile No. 546

Vincent is a senior studying chemical engineering at Cornell University. He is a teaching assistant for fluid mechanics and a peer advisor for incoming engineering freshman. He is in Cornell's Engineering Leadership program, and is TBII NY Delta chapter vice president. For fun, he plays frisbee, volleyball, and chess. After graduation, he plans to go into industry for a few years before going on to graduate school.



Carly J. Romnes, Record No. 1309

Carly is pursuing a B.S. in nuclear engineering with mathematics & psychology minors at the University of New Mexico. She is TBII NM Beta chapter external vice president. Carly tutors high school students and is an intern in the extreme materials lab at UNM. She's also a NASA MUREP scholar and completed one internship at NASA's Marshall Space Flight Center. Carly plans to pursue an M.S. or Ph.D. and work for NASA or at a national lab.



Natasha A. Rouse, Abron No. 1

Natasha was born and raised in Barbados before coming to the U.S. to study mechanical engineering at Howard University. She serves as TBII DC Alpha chapter vice president and a National Society of Black Engineers regional secretary. During her time as a research assistant, Natasha has co-authored a paper on energy transport in nano-particles and plans to continue her research at the Ph.D. level.



Benjamin D. Russon, Stabile No. 547

Benjamin is studying mechanical engineering at Utah State University (USU) with minors in computer science and mathematics. He is actively involved with undergraduate research through the material physics group at USU. He assisted in the development of the space survivability test chamber at USU and is currently completing an internship with the United States Air Force.



Liam G. Saccucci-Bryan, Record No. 1310

Liam is studying for dual degrees in biomaterials engineering and chemistry at Alfred University. He co-ops as a systems integration engineer at Rheonix, Inc., medical device company. He is TBII NY Sigma chapter VP, AU Society of Biomaterials president, & organic chemistry & computer aided design tutor. He's interested in innovating disease treatment through biosynthetic systems & plans to pursue a Ph.D. dissertation rooted in materials innovation for biosystems.



Zachary J. Sadler, Stabile No. 548

Zachary is studying mechanical engineering with a concentration in biomechanics at Michigan State University. He conducted research in the biomechanical design research lab on soft tissue properties in the thigh & gluteus region; he's also presented this research at multiple conferences. Zac is interning at Stryker as an R&D engineer, has received a patent-pending for a mechanical component he designed, & will pursue a career in the medical technology industry.



Vorada Sakulsaengrprapha, Stabile No. 549

Vorada is a Thai student studying biomedical engineering and minoring in computational medicine and psychology at Johns Hopkins University. She conducts BME research at the biophotonics imaging technology lab at Hopkins, volunteers as an engineering ambassador, and works as an RA. She intends to either pursue a career in medicine or further her BME studies at the graduate and doctoral level.



Stephanie E. Sandoval, Record No. 1311

Stephanie is studying electrical engineering at the University of Arkansas and serves as the IEEE chapter president as well as the SHPE Jr chair for her chapter. She has conducted research both at Tennessee Tech University and Sandia National Laboratories. She plans to pursue her Ph.D. in material science focusing on battery technologies.



Tara M. Seigle, Stable No. 551

Tara studies chemical engineering at Clarkson University with mathematics and biomedical eng'g minors. She is TBII NY Theta chapter treasurer and AIChE chapter president. She researched the use of electro-spraying to develop micro- and nanoparticles for drug & vaccine delivery applications. Tara is a member of the cross country & alpine skiing teams, spent a semester abroad in South Korea, & plans to work in industry as a process engineer..



Travis A. Shoemaker, Scribner No. 42

Travis is majoring in civil & environmental engineering with a geology minor at Lafayette College. His interests include hydrology, structural, & geotechnical eng'g. Travis interned with PPL Electric Utilities, The Pidcock Co., Gannett Fleming, & most recently, McLaren Engineering Group. Travis enjoys researching geotechnical applications of remote sensing at Lafayette and intends to enter the construction industry & achieve a master's in geotechnical eng'g.



Michael B. Schmithorst, Record No. 1312

Michael is studying chemical engineering at the University of South Carolina. He is a TA, peer tutor for the student success center, and TBII SC Beta chapter MindSET coordinator. He has assisted with research into pressure swing adsorption processes for carbon dioxide capture. Michael intends to pursue a Ph.D. in chemical engineering following graduation.



Genevieve C. Sertic, Record No. 1314

Genevieve is an electrical engineering major completing a multidisciplinary program in energy studies at Yale. She conducted research on metallic glass & organic solar cells through Yale's transformative materials and devices lab, designed & prototyped solar energy systems for a student group, and served as a writer, editor, & outreach volunteer for Yale Scientific. She plans to complete a grad degree & pursue a career that benefits environmental & human health.



Cynthia Shrestha, Stable No. 553

Cynthia is majoring in mechanical engineering at the University of New Orleans. A native of Nepal, she will serve as TBII LA Epsilon chapter president and is also active in SWE & NSBE. She works as a research assistant at Advanced Materials Research Institute on a project focused on "3D Printing of Metal Nanoparticle-Polymer Composites." Cynthia plans on pursuing graduate studies in biomedical eng'g, with a focus on nanotechnology.



Garret C. Schneider, Stable No. 550

Garret attends Kansas State University and is pursuing a degree in mechanical engineering. During the school year, he works as a physics TA. He has had a summer internship working with CNH Industrial in their product testing department. He hopes to one day work in the agricultural equipment area designing or testing new pieces of machinery.



Lorenzo J.D. Servedio, Stable No. 552

Lorenzo is double majoring in aeronautical and mechanical engineering with a biomedical eng'g minor at Clarkson University. He has a strong interest in the medical device industry and improving healthcare. He interned twice for Stryker Orthopaedics, a leading medical technology company, and also interned for GE Transportation and Global Tungsten and Powders. He plans to work in the biomedical industry and then pursue an MBA.



Zane T. Shreve, Record No. 1318

Zane attends Miami University (OH), where he majors in electrical engineering with a minor in computer science. He is president of IEEE Eta Kappa Nu chapter, a member of the renewable energy club, and a varsity athlete on Miami's track & field team. Zane plans to pursue a career in industrial control systems and automation.



Adam M. Scott, Spirit of Apollo No. 5

Adam is studying aerospace engineering with a focus in astronautics at Embry-Riddle Aeronautical University, Prescott (AZ). He served as president of the VEX robotics club, and is on a campus team designing a rocket capable of reaching the edge of space. Adam plans to enter the space industry, after graduation, as well as pursue a graduate degree in engineering.



Vivaswat Shastry, Record No. 1315

Vivaswat is studying electrical engineering at the University of Wyoming and a computational science minor. Hailing from Bangalore, India, he is an avid soccer fan and plans on pursuing graduate studies in the future (in computation science). He believes in using his education to make the world a better place...or some such thing. Nonetheless, he is thankful for this opportunity of a great education.



Benjamin H. Shumpert, Record No. 1319

Ben is a senior computer engineering student at Clemson University. Ben serves as Clemson's IEEE chapter treasurer and is involved in other clubs including, Engineers without Borders, grand challenge scholars, club watersports, and intramural sports. After graduation, Ben plans to pursue a master's degree in computer engineering with a concentration in intelligent systems and then pursue a career in technology & business.



Felicia M. Sedwick, Record No. 1313

Felicia is a biomedical engineering major at the University of Florida. She was TBII FL Alpha chapter socials coordinator & is incoming VP of education outreach. She volunteers at UF Health Shands Hospital & with the fork food pantry gardens. She earned the 2015 & 2017 FDOT SASHTO District Secretary scholarships and plans to begin work as an emergency medicine scribe. Felicia aspires to become an obstetrician/gynecologist.



Vineet R. Shenoy, Record No. 1316

Vineet studies electrical engineering and computer science at Rutgers University. He researches behavioral biometrics with Dr. Vishal Patel and worked on wireless communications at NIST. He is TBII NJ Beta chapter engineering futures chair, Rutgers engineering honors council president, and an instructor for an introductory eng'g course. He plans to pursue a career at the intersection of electrical engineering and public policy.



Nathan A.S. Sidhu, Record No. 1320

Nathan's pursuing a B.S. in chemical & biomolecular engineering at Georgia Tech with a research option. He is TBII GA Alpha chapter director of campus programs and a member of AIChE and ChBE SAB. Nathan has been researching mixed matrix membranes incorporating ZIFs for use in separations. He completed a research internship at TU Braunschweig and interned at Eastman Chemical Company. Nathan plans to pursue a Ph.D.



Kenneth D. Seiffert III, Crouch No. 3

Kenny is an aerospace engineering senior at Auburn University. He serves as Cupola Engineering Ambassadors director of alumni relations, providing tours of the college of engineering for prospective students & returning alumni. He completed five co-op semesters with L3 Technologies Mission Integration in which he worked on various ISR aircraft as a structural design engineer. Kenny plans to work in the aerospace industry on fixed-wing military aircraft.



Zachary C. Shepard, Record No. 1317

Zachary is studying mechanical engineering at Trine University. He is TBII IN Epsilon chapter treasurer, Materials Advantage treasurer, Pi Tau Sigma vice president, and Tau Beta Pi chaplain. He is co-oping at Metal Technologies, and previously interned at Univertical LLC. Zachary would like to secure a job in the manufacturing or metals industry and pursue a master's degree.



Matthew J. Siomos, Stable No. 554

Matthew is a mechanical engineering student at West Virginia University Institute of Tech. He's originally from Australia and is TBII WV Beta chapter president. He is working as a mechanical eng'g dept. TA and an active member of Pi Tau Sigma. Matthew will research in the biomedical eng'g field focusing on cognitive heart disease treatments to design an artificial ventricle to limit intensive surgery on infants at birth. He plans to pursue a master's degree.



Benjamin Siu, Record No. 1321

Benjamin is a chemical engineering major with a chemistry minor at the University of South Alabama. He is conducting research in ionic liquids and molten salts with thermal stability for industrial applications that has led to a recent Goldwater Scholarship. While doing undergraduate research, Ben is also AICHe chapter president. Following graduation, he plans to pursue a Ph.D.



Carrie A. Smith, Record No. 1322

Carrie is a non-traditional student who dropped out of high school to join the work force for a decade before setting her heart on engineering. She is first generation of her family to reach for higher education and has an associates of science degree from Shoreline CC. She's pursuing a B.S. in electrical & computer engineering & computer science minor from Seattle University. She assists with research in brain-computer interfaces & will attend grad school.



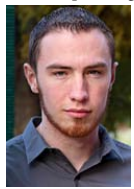
Elizabeth D. Smith, Stable No. 555

Elizabeth is studying mechanical engineering at the University of Cincinnati and is TBII OH Beta chapter treasurer. She's involved in the engineering diplomats partnering with Chongqing Univ. in China, university honors program, & Phi Sigma Rho. She's finishing her 5th co-op semester at Cook Medical, & worked previously in design & manufacturing/maintenance co-ops with Fecon and Shepherd Color Co. She plans a career in medical device industry.



Joshua R. Smith, Stable No. 556

Joshua is pursuing dual B.S. degrees in biomedical engg & mechanical engg at Colorado State University. He is ASME CSU chapter VP and board member. Josh volunteers as a mentor for HS FIRST Robotics team & at robotics summer camp. He is an engine & energy conversion lab intern, working on integration of GPS tracking technology with real-time monitoring of human exposure to airborne particulate matter. He would like a career in robotics.



Maximilian Sonntag, Record No. 1323

Maximilian is pursuing B.S. and M.S. degrees in biomedical engineering with a chemistry minor. He is a participant of the Mercer undergraduate biomedical scholar training initiative working with Dr. Joanna Thomas to develop a 3D electrospinning apparatus. He's participating in the McGowan Institute for Regenerative Medicine Summer School. His dream is to pursue a medical degree & integrate efforts of regenerative medicine in orthopedic surgery.



Janet E. Sorrells, Stable No. 557

Janet is a student at the University of Rochester majoring in biomedical engineering and minoring in ECE, Optics, and health policy. She will spend the 2017-18 year as a Take Five Scholar, a special Univ. of Rochester program, studying Chinese language and culture. Janet served as U of R's Biomedical Engineering Society student chapter president and the Vice President of her sorority, Chi Omega. After graduation, she hopes to pursue a Ph.D. in BME.



Luke P. Soule, Record No. 1324

Luke is studying materials science and engineering at New Mexico Tech. He performed research in electrodeposition of novel tin solders, development of polymeric molds, nano-patterning of flexible surfaces, and Li battery protection at his university, Sandia National Labs, Harvard University, and MIT. He hopes to pursue a doctorate degree in materials science and fundamentally change the way we harness and distribute energy.



Krista L. Stribling, Record No. 1325

Krista is studying civil engineering at Valparaiso University with mechanical & humanitarian engg minors. She is TBII IN Delta chapter treasurer, Valparaiso Engineers Without Borders chapter president, & plays on the club tennis team. She interned at Water to Thrive in Austin, TX, completed research in biofiltration at UT Austin, & plans to serve abroad using her engg education to collaborate on projects with communities in need before attending grad school.



Abraham E. Stucky, Stable No. 558

Abe is a mechanical engineering student at the University of Pittsburgh with a background in physics and art from Goshen College. Passionate about human transportation, Abe completed two co-op rotations with Yuba Bicycles, a cargo bicycle company in Petaluma, CA. At Pitt, Abe is president and founder of the Pitt human powered vehicle club. In his spare time, he volunteers as a bicycle mechanic & instructor at the Alley Bicycle co-op.



Matthew J. Studer, Record No. 1326

Matthew is currently a senior in chemical engineering at the University of Alabama. He enjoys football games and being outside with his friends when he is not studying or in class. His career aspirations are to contribute to the field of chemical engineering to the best of his ability.



Chase Cici Suehiro, Record No. 1327

Cici is studying civil engineering at University of Portland. She serves as TBII OR Gamma chapter VP, ASCE chapter structural concrete canoe team lead, and SWE chapter mentor for incoming freshman. She has internship experience in public & private sectors in planning and design. Cici will pursue a master's degree in structural engg, hopes to establish her own consulting firm to work on community-oriented projects, & continue mentoring for girls in STEM-related fields.



Emma N. Sum, Record No. 1328

Emma is a senior in electrical engineering at Wright State University, focusing in RF and microwave engineering. She is a member of IEEE and volunteers with a number of on- and off-campus organizations. Through internships with the United States Air Force, she has developed an interest in hardware design and post-processing techniques for airborne radar systems. She plans on pursuing a master's degree in electrical engg.



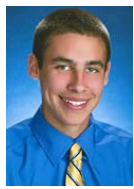
Leah S. Surratt, Stable No. 559

Leah is studying mechanical engineering with a focus on energy at Yale University. In addition to being TBII CT Alpha chapter president, she also runs Yale's engineering tour guide program, is a member of the carbon charge project, and works for the office of sustainability. She has interned with BCG, the DOE, and Yale's TMD solar cell lab. After graduation, Leah hopes to go into the renewable energy field.



Michael S. Tarascio, Stable No. 560

Michael is a senior at the University of Connecticut studying biomedical & mechanical engineering and serves as TBII CT Beta chapter service chair. Michael has conducted research at UConn's sensory perception and neuroscience laboratory and completed two internships at United Technologies working on space systems. After graduation, he plans to work in industry, designing prosthetic devices.



Samuel D. Thorpe, Record No. 1329

Sam is studying chemical engineering at Brigham Young University. He participates in undergraduate research in advanced process control and has worked with the BYU student government as a program director. He has interned with CHS Inc. and Valero Energy Corporation, and was a co-op with ExxonMobil. Upon graduation, he plans to enter industry in technology, energy, or petrochemicals.



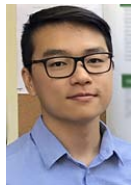
Tyler G. Toepke-Floyd, Stable No. 561

Tyler is studying mechanical engineering with a Spanish minor at North Dakota State University & had the opportunity to study abroad in Chile for a semester. He's had two internships with Integrity Windows and Doors & John Deere. Tyler is the son of two pastors with a sister who is a nurse. He enjoys traveling, being an entrepreneur, & recently started a company making outdoor recreational products, which is moving out of prototyping & into production.



Phuong H. Tran, Record No. 1330

Phuong, an international student from Vietnam, is pursuing a double major in electrical and biomedical engineering at California State University, Long Beach. He serves as TBII CA Theta chapter treasurer, won 1st place in BME biotech contest LA region, & designed a prototype for NASA's technology harvesting energy from temperature difference. Phuong aspires to work in robotics & automation industry with an emphasis in green energy.



Megan W.Y. Tse, Record No. 1331

Megan is a biomedical engineering major at Tufts University. She is TBII MA Delta chapter recording secretary, SWE chapter co-vice president, and Tufts BMES co-president. She interns part time at Silk Therapeutics. She also conducts research at Tufts, working to develop an in vitro silk intestinal model. She interned with Merck working to develop assays for mitochondrial toxicity, plans to obtain a master's degree, & join the pharmaceutical industry.



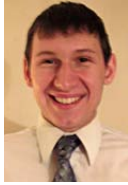
Tivon T. Tsung, Record No. 1332

Tivon is a chemical and biomolecular engineering student at Georgia Tech with a minor in business and engineering through the Denning Technology & Management Program. He is TBI GA Alpha chapter president and also served as director of initiate programs. He interned for Procter & Gamble as well as Perfetti Van Melle and plans to go into industry after college.



Robert P. Tworek, Record No. 1333

Robert is a senior at Christian Brothers University (TN) double majoring in civil engineering and mathematics. His degree will concentrate in transportation engineering. The focus of his senior project will analyze car crash data, with the goal of making an intersection or section of road safer. After completing his bachelor's degree, he hopes to work as an engineering consultant and pursue a master's degree.



Rafael E. Valbuena Urdaneta, Stabile No. 562

Rafael is studying mechanical engineering at Valparaiso University with a biomedical engineering minor. He is TBI IN Delta chapter vice president and a peer minister at the Saint Theresa of Avila Catholic student center. He completed biomechanics research at the HMRL in Valparaiso, and a research internship at the Shirley Ryan Ability Lab. After graduation, he plans to attend a graduate program in biomedical engineering.



Sarah V. Vargas, Record No. 1334

Sarah is majoring in software engineering at the University of Miami (FL). She is TBI FL Beta chapter vice president and UM tennis club secretary. She interned at SiriusXM as an SQA engineering intern and is currently a software solutions intern at HBO Latin America. Sarah is in the five-year B.S./M.S. program at the University of Miami, so she will be staying an extra year to pursue her master's degree.



Lyle R.F. Vaz, Stabile No. 563

Lyle is studying mechanical engineering at the South Dakota School of Mines and Technology. He is TBI SD Alpha chapter vice president and a tutor. He interned at Caterpillar Inc., and Freeport McMoRan Copper and Gold, where he led a water cooling system project. After graduation, Lyle wants to either pursue a master's focusing on renewable energy or work in the same field.



Amulya Veldanda, Stabile No. 564

Amulya is studying biomedical engineering at The College of New Jersey. She is TBI NJ Zeta chapter recording secretary, TCNJ's humanitarian engineering president, and held numerous leadership positions in the Society for Neuromuscular Disease. Her neural eng'g research involved creating computational models for induced axonal block. She interned for SigmaPharm Laboratories, where she became a part of the pharmaceutical R&D team. Following graduation, she will pursue a Ph.D.



Anita Venkataswamy, Record No. 1335

Anita is a polymer science and engineering major at Case Western Reserve University, with biomedical eng'g and economics minors. She was former president and current choreographer of the South Indian dance team. She's a TA, research assistant, and TBI OH Alpha chapter awards chair. Anita interned at Boston Scientific in process development for two summers and sees herself pursuing her passion as a polymer scientist in industry.



Robert P. Vitagliano, Griffin No. 1

Robert is a senior aerospace engineering major at Pennsylvania State University and a member of the schreyer honors college. He is TBI PA Beta chapter vice president. Robert had an internship with Wyman Gordon PA and is working on a senior thesis in space flight dynamics and controls, specifically docking with uncooperative objects. After graduation, he plans to pursue a position in the aerospace industry.



Alex M. Vonderhaar, Schaefer No. 1

Alex is a junior at Marquette University pursuing electrical engineering and biomedical engineering majors. He has enjoyed participating in outreach events to teach high school students circuits and coding. In the summer of 2017, he worked with RF signals in the electronic combat solutions division of British Aerospace. After graduation, he hopes to either continue a career in the defense industry, or to work in the medical field.



David H. Wahlstrom, Alabama Power No. 14

David is a mechanical engineering student obtaining a B.S. degree at the Colorado School of Mines. He is fascinated by the technology & work going into alternative energy sources throughout the world. He hopes to work in concentrated solar power R&D or for companies whose goal is to design the best and most efficient power plants possible (coal, NG, nuclear, etc.). David's goal is to make a difference in the efficiency of power plant systems.



Nathaniel J. Weger, Campbell No. 40

Nate is studying mechanical engineering at the University of Iowa with a focus in renewable energy technology. He is UI chapter of bridges to prosperity president, executive board member with the UI American Wind Energy Assoc., and a past senator for the Univ. of Iowa student government. Nate is doing research in biomass gasification and plans to pursue graduate research in the development of renewable energy technology for developing countries.



Allison K. White, Stabile No. 565

Allison is majoring in mechanical engineering with a biomedical concentration and minor in mathematics at Bradley University. She loves staying active in various organizations, tutoring fellow engineers, and participating in undergrad research. Allison recently spent an unforgettable summer conducting bio-inspired polymer research at Case Western Reserve Univ. Her dream is to earn her Ph.D. in a biomedical engineering-related field and contribute meaningfully to biomedical research.



Logan S. White, Record No. 1336

Logan is studying chemical engineering at Brigham Young University. He participates in AIChE and is TBI UT Beta chapter corresponding secretary. He has done a process engineering internship at Compass Minerals, where he helped work on process optimization. On campus, he is involved in research on thermo-physical property data analysis and plans to pursue a career in industry upon graduation.



Alex W. Whittier, Stabile No. 566

Alex is a senior studying mechanical engineering at Brigham Young University. He has developed an interest in thermodynamics and sustainable energy, and done research work in optical spectroscopy of combustion gases. He interned twice with Daikin/Goodman HVAC, and once with Rio Tinto Kennecott. He serves as TBI UT Beta chapter engineering futures chairman and plans to continue his studies in a graduate program.



Madeline B. Wiegel, Record No. 1337

Madeline is a senior at Loyola Marymount University, pursuing a bachelor's degree in civil engineering. She is TBI CA Omicron chapter president and LMU ASCE chapter treasurer. She has internships during the summers at Occam Engineers Inc. in her hometown of Tucumcari, New Mexico. She plans to pursue a graduate program focusing on project management following graduation.



Jared B. Wilson, Record No. 1338

Jared is studying civil engineering at the University of California, Irvine. He is selecting to take courses in water, transportation, and structures during his senior year rather than specializing to learn more about the different aspects of civil engineering. He plans on pursuing his master's degree after finishing his undergraduate work.



Hannah E. Winton, Record No. 1339

Hannah is a senior at the University of South Carolina studying chemical engineering and Spanish. Her months of internship experience with Shaw Industries and Frito Lay, & research experience with D&B Tech in Seville, Spain, has led her to want to pursue a career in consumer goods manufacturing, after graduation. Hannah is incoming TBI SC Beta chapter VP of new membership and is also a member of the Carolina Girls Dance team.



Chelsea E. Wojeski, Record No. 1340

Chelsea is pursuing a major in industrial engineering with a minor in mechanical eng'g at Northeastern University. She is a peer mentor for incoming engineering students, a tutor, and vice president of the Northeastern University club running team. She held cooperative education positions at Raytheon & Sage Product Development, a biomedical product development firm. She plans to pursue a career in the biomedical device industry.



Sienna Wong, Record No. 1341

Sienna is studying biomedical engineering at Wayne State University with a concentration in biomaterials and is serving her second semester as a TBII MI Epsilon chapter officer. Her research has been involved in the engineering of recombinant proteins to enhance antibody response and she attended the 61st Annual Biophysical Society Meeting in New Orleans to present her research. Sienna intends to pursue a career in medicine after graduation.



Maria A. Zeballos, Record No. 1341

Alejandra is a senior in biomedical engineering at the University of Arkansas with a mathematics minor. She's a researcher at the mechanobiology and soft materials lab. She is former engineering world health chapter president & core leader in the international culture team. She investigated the regulation of microglia in neurodegenerative diseases at the Technische Univ. Dresden, Germany and plans to pursue a Ph.D. focused on tissue eng'g & regenerative medicine.



Lucy Y. Zhuang, Record No. 1345

Lucy is majoring in biomedical engineering at UC Irvine. She is active in and has held officer positions in the campus-wide honors program. She conducts research on optogenetics and mutant phytochrome, and helped develop a platform to screen for drug-induced cardiotoxicity. After graduation, she plans to pursue a career in the medical device industry.



Zachary B. Wright, Stable No. 567

Zach is a senior undergraduate at Saint Louis University (SLU) pursuing a degree in mechanical engineering and a computer science minor. He works in SLU's space systems research lab helping design cube satellites to launch into space. Zach enjoys playing ultimate frisbee on the school's club team. He intends to pursue a career in robotics and eventually return to graduate school to become a professor.



Danhui Zhang, Stable No. 568

Danhui is pursuing a B.S. in chemical engineering and an A.B. in international studies at Lafayette College. For two years, she conducted research on high-performance thin layer chromatography and is now focusing more on acquiring software engineering skills. After graduation, she would like to pursue further education in computer science and work with technological start-ups.



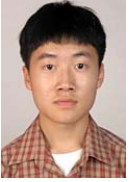
Emily Zinselmeier, Record No. 1346

Emily is pursuing a dual major in materials science engineering and architecture at the University of Pennsylvania. She sees sustainable design as the link that joins the nano- and microscale to the macroscale & is attracted to biomimetic materials design that aims to respond to environmental conditions. She founded AAEE's Penn chapter, writes for the Penn Sustainability Review, and leads fundraising efforts for Global Architecture Brigades.



Chung Yuen Yeung, Record No. 1342

Chung Yuen majors in engineering with a concentration in mechanical eng'g and a physics minor at Swarthmore College. He is a member of Sigma Xi, Acoustical Society of America, and TBII PA Kappa chapter president. He was awarded the John Perdue Memorial Prize for best sophomore engineering student, conducts research into ultrasound-assisted, microbubble-accelerated thrombolysis, and hopes to pursue his passion for fluid dynamics at the Ph.D. level.



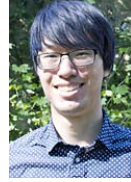
Zige Zhang, Record No. 1232

Zige is studying civil engineering at the University of Texas at Austin with a focus on structural engineering. She served as TBII TX Alpha chapter social coordinator and special events coordinator. She was also a research assistant in the laboratory for infrastructure materials engineering and interned at TxDOT. After graduation, she plans to pursue a M.S. in structural engineering.



Jonathan Zong, Record No. 1347

Jonathan studies computer science and visual arts at Princeton University. He is interested in interface design and human-computer interaction. He has previously done research work with MIT Media Lab and Oxford Internet Institute, and interned with Coursera, Square, Linked by Air, and Google. His interactive projects have been mentioned in publications including *The New York Times* and won national & international awards. Jonathan hopes to continue understanding the world through technology and design.



Robert S. Young, Forge No. 65

Robert is studying electrical engineering at Stanford University. His goal is to use his engineering skills to develop technical solutions to sustainability challenges. He has interests in policy, scientific research & business, all of which are vital to turn technical solutions into impactful realities. He plans to pursue a coterminal master's in sustainable urban systems. He has studied in Chile and China, and is involved in Stanford dance, outdoors, & sustainability communities.

