The HE FELLOWSHIP BOARD announced the selection of 210 TBP Scholars from 364 applicants for senior-year study in the 2013-14 academic year. Scholarships of $1,000 or $2,000 are given to members on the competitive bases of scholarship, campus leadership and service, and promise of contributions to the engineering profession, with consideration given to economic need and academic commitment. A total of 1,526 Scholars have received $3,007,000 in scholarships in the fifteen year history of the program.

The Alabama Power Foundation, Inc., made a gift which supports the tenth Alabama Power Scholarship.

The eighth Alford Scholarship is named for Henry M. Alford, MS A ’27, who left a bequest to TBP in 2005.

Ernest E. Althouse, PA A ’26, left a bequest to TBP in 2006 that supports the fifth Althouse Scholarship.

The seventh Bloomberg Scholarship is named for Michael R. Bloomberg, MD A ’64, whose 2006 gift will support a total of 10 awards.

The Bose Foundation made a gift to fund the seventh Bose Scholarship.

Ruth M. and Cleveland L. Campbell, P.E., IA A ’47, proudly sponsor the twenty-seventh and twenty-eighth Campbell Scholarships.

The sixth Curtis Scholarship is named for Richard A. Curtis, Ph.D., OH A ’64, who left a bequest to the Society.

Six additional Dodson Scholarships are sponsored by Charles R. Dodson, MD B ’30, who made generous gifts to TBP in 1998 and 1999.

The three Fife Scholarships are sponsored by the late William Fife, CA A ’21, and are named in honor of his father, James.

Ten Forge Scholarships are named for Charles O. Forge, CA G ’56, who left bequests to TBP in 2010.

GEICO sponsors seven additional GEICO Scholarships this year.

The Hart Scholarship is named in memory of Arline I. and Jack B. Hart, Sigma Tau Φ ’43, who included Tau Beta Pi in their estate plans.

The fifth and final Koff van Oosterwijk Scholarship is named for H.L.J. Koff van Oosterwijk, CA A ’50, who left a bequest in 2008.

The tenth Mentor Scholarship is given in admiration of the 1926-46 automobile industry by James P. Tarwater, MO B ’51.

George P. Mitchell, TX A ’40, made a special gift to sponsor the fourth Mitchell Scholarship.

Two Nagel Scholarships are given in honor of former Secretary-Treasurer Emeritus R.H. Nagel, P.E., NY A ’39.

One hundred and six Record Scholarships are sponsored by Leroy E. Record, KS A ’29, whose generous bequest in 2001 funded the Record Scholarship Fund to provide earnings for awards in perpetuity.

The third Schwaller Scholarship commemorates Shawn R. Schwaller, SD A ’92, whose friends and family established a fund in 2007.

Four Scribner Scholarships are named for A. Clayton Scribner, NY G ’29, whose 2003 bequest endows the award.

The first Sickafoose Scholarship is named for Kathleen A. and Robert D. Sickafoose, IL B ’50, who left a bequest to the Association in 2012.

Elisa and Peter H. Soderberg, CT A ’68, sponsor two additional Soderberg Scholarships this year.

An additional fifty-five Stabile Scholarships are named for Vincent A. Stabile, NY A ’40, whose gift in 1999 endowed the awards.

The Webster Scholarship is named for Charles M. Webster, OH B ’50, who left a bequest to TBP in 2011.

Nicholas S. Aerni, Record Scholar No. 787

Nick is majoring in electrical and computer engineering at the University of Kentucky. He holds officer positions in TBP and IEEE, and was recently named president of the UK chapter of Eta Kappa Nu. This summer he studied renewable energy in Pamplona, Spain, and is working a second rotation with Duke Energy. Upon graduation, he will pursue an MBA and M.S. in E.E. before beginning a career within renewable energy and energy efficiency.

Taylor A. Albrecht, Dodson Scholar No. 50

Taylor is studying chemical engineering at the University of North Dakota. She is an officer in AIChE and the activities coordinator of the Engineers’ Council. The past two years, she has interned at a contract manufacturing company and loved the research and development aspect of medical products. She plans on either pursuing a master’s in biomedical engineering or seeking a job manufacturing medical devices.

Sara M. Albritton, Record Scholar No. 788

Sara is a civil engineering major at Clemson University and is involved on campus with a Christian ministry, called the Navigators. She enjoys being outdoors, playing sports, and traveling. After graduation, she hopes to get involved in a non-profit organization that does ministry in third-world countries, such as building water wells in isolated villages or improving infrastructure where needed.
Phil is a computer science major at South Dakota State University, with minors in software engineering and mathematics. He is a NCAA Div. I student-athlete, swimming for the SDSU swim & dive team, holding team records in the 50, 100, and 200-yard backstroke. Phil is interning with Daktronics and will pursue a computer engineering master’s.

R. Blake Alexander, Sickafoose Sch. No. 1
Blake is a chemical engineering student at Northwestern University and is also completing a managerial analytics certificate through the Kellogg School of Management. A former Eagle Scout, he is TBP chapter president. He has worked in software development for the military and petroleum refinement catalyst development.

Malia B. Amling, Record Scholar No. 790
Malia is majoring in electrical engineering at Cedarville University. She has been part of the robotics team and the supermileage team, which competes in the Shell Eco-Marathon. Through her numerous class projects, competitions, and internships, Malia is certain to enjoy her future career in the field of electrical engineering.

Robert T. Andon, Nagel Scholar No. 11
Robert majors in systems engineering at The United States Naval Academy. He is also involved in the Society of American Military Engineers and will serve as brigade executive officer next semester at Annapolis. Robert’s goal upon graduation is naval aviation and he intends to continue his engineering studies while in the military.

Alexandra M. Arambula, Nagel Sch. No. 42
Alexandra is entering her fifth year at the University of Texas at Austin as a double major in biomedical engineering and Plan II Honors. She will complete a thesis concerning protein engineering for cancer therapeutics this year and plans to attend medical school. She is interested in a surgical specialty, clinical research, and a career as a physician.

Kayla S. Arruda, Record Scholar No. 791
Kayla is a civil engineering major at Northeastern University, where she is a resident assistant for freshmen engineering students. Kayla has completed co-ops at Simpson Gumpertz & Heger and Dewberry. She has bridge inspections experience, and would like to learn about bridge design at her final co-op. Kayla hopes to earn a master’s in structural engineering.

Arslan Arshad, Record Scholar No. 792
Arslan is majoring in chemical and biomolecular engineering with minors in biomedical sciences and physics at the University of South Alabama, where he ranks first in his class. Arslan is a Goldwater Scholar who enjoys traveling, playing soccer, reading, and is interested in translational biomedical engineering research. He plans on pursuing a career in medicine and research.

Peter M. Attia, Record Scholar No. 793
Peter is studying chemical and biomolecular engineering at the University of Delaware. He has done research in materials science and interned at DuPont. He is interested in problems relating to alternative energy and fresh water access. After graduation, Peter will likely pursue graduate studies in materials science or chemical engineering.

Julia A. Baaklini, Campbell Scholar No. 27
Julia is a civil engineering major at The College of New Jersey. She has been interning at Langan Engineering in the site/civil division. At school, she is president of her student chapter of the American Society of Civil Engineers and vice president of Society of Women Engineers. Julia hopes to pursue a graduate degree in geotechnical engineering and enter the workforce.

A. Taylor Baldwin, Record Scholar No. 794
Taylor is an electrical engineering major at Valparaiso University, where he ranks first in his class and group with a 4.0 G.P.A. He also is pursuing an associates degree in humanities from the honors college. Taylor has had several internships with the Department of Defense and plans on applying to graduate school in nuclear engineering, with a focus on reactor design.

Madelyn R.B. Ball, Record Scholar No. 795
Madelyn is a chemical engineering major at the University of New Hampshire. She is an Engineers Without Borders chapter president and traveled to Uganda to work on a potable water project. She has a variety of research experiences, including an internship at the National Renewable Energy Lab in CO. Upon graduation, she plans to pursue a Ph.D. in the area of bioenergy.

Matthew W. Barnett, Stabile Sch. No. 193
Matthew is a mechanical engineering major at the University of South Alabama and first in his class. His research this summer involved developing new manufacturing methods for composite materials. Matthew has joined Airbus as an intern and hopes to secure a full-time position upon graduation. He also plans on obtaining a master’s degree.

Odkhuun Batmunkh, Forge Scholar No. 11
Odkhuun is a software engineering major at San Jose State University. After receiving his B.S., he plans to work at local startups in the Silicon Valley to gain experience. He also plans to pursue an M.S. in software engineering, specializing either in enterprise software technologies or in software systems engineering. He is interested in quality assurance, game development, and mobile applications.

Jennifer L. Batt, Record Scholar No. 796
Jennifer is a civil engineering major at California State University, Sacramento, where she ranks in the top 1% of her class. After graduation, she plans to start a career in water resources working with the company where she is employed. She also aims to gain the experience necessary to pass the P.E. exam and aspires to motivate women to become involved in the fields of engineering and mathematics.

Grant H. Bauer, Record Scholar No. 797
Grant is majoring in aerospace engineering & mechanics at the University of Minnesota-Twin Cities, with a minor in astrophysics. He has interned with Boeing commercial airplane and plans to return as a full-time employee upon graduation. After working in industry for a few years, he would like to pursue a grad degree in aerospace and eventually get an MBA.

Joanne K. Beckwith, Record Sch. No. 798
Joanne is a chemical engineering major at the University of Toledo. She is a member of the ballroom dance society and works as an orientation leader. She has co-oped at the Ashtabula Complex of Cristal, and performed undergraduate research on drug delivery systems. She plans to attend graduate school to obtain a Ph.D. in chemistry.

Kelly L. Benton, Scriber Scholar No. 21
Kelly is majoring in environmental engineering at Montana Tech and working toward the five year master’s program, with a minor in mathematics. She has worked as a supplemental mathematics instructor. Kelly worked on a research project using baby hairs as indicators of toxic elements in the environment. She hopes to earn an internship in the environmental field.

R. Adam Bilodeau, Stabile Scholar No. 194
Adam is studying mechanical engineering at Brigham Young University. He is performing research in materials sciences and wants to pursue graduate studies in the field of compliant mechanisms. His main interests are machine design and structural stress analysis. He also volunteers as a Spanish interpreter and recently traveled to Guatemala as an interpreter for a medical team.
Collin S. Black, Record Scholar No. 299
Collin is a chemical engineering major at Brigham Young University. He works in a research lab studying the pathogenesis of osteoarthritis, using mouse models. Collin works as a teaching assistant for a chemical process principles class. He serves in the leadership of the university’s BME club and enjoys learning about the role engineering has in biomedicine. He plans a career in the medical field.

Nicole L. Black, Record Scholar No. 800
Nicole is a biomedical engineering major and mechanical engineering minor at Boston University. Her interests include tissue engineering, nanotechnology, and K-12 STEM education. She has participated in summer research at Vanderbilt Univ. & Columbia Univ. Nicole is a member of the Technology Innovation Scholars program. Her plans include graduate school focusing on regenerative medicine.

Matthew R. Boler, Soderberg Sch. No. 19
Matthew is a mechanical engineering major at Florida State University. He is active in AIAA, ASME, Pi Tau Sigma, and is TBP president for the 2013-14 school year. He is currently enrolled in a B.S. & M.S. program and will finish his educational career in the spring of 2015. Upon completion of his degree, he plans to start his career in the aviation industry.

Spencer H. Bowen, Record Sch. No. 891
Spencer is double majoring in chemical engineering and Chinese at Brigham Young University. He is professionally bilingual, and completed a semester at Nanjing Univ. and a four month internship at the Celanese Nanjing manufacturing facility. He has completed four internships with Celanese, and plans to work as a production engineer in the emulsion polymers business line after graduation.

Benjamin D. Braun, Stabile Sch. No. 195
Ben is a mechanical engineering major at The University of Kansas and first in his class with a 4.0 G.P.A. His extracurricular activities include Formula SAE Suspension team leader, SELF Engineering Leadership Fellow, Vintage Church community service team, wakeboard club, and sailing club. After graduation, he plans to pursue a career in product development.

Sean R. Brown, Record Scholar No. 802
Sean is a mechanical engineering student at Brigham Young University. He is involved in an entrepreneurship program and has done research on corporate innovation strategies. He spent three summers interning for Eaton’s hydraulic and truck groups. His plans are to pursue their two-year rotational leadership development program and then return to school for a joint MBA and JD.

Shannon R. Brown, Record Sch. No. 803
Shannon is a biological engineering major with biomechanics and nutrition minors at the University of Florida. She is TBP chapter Vice President. Her true passion is biomedical engineering with human applications. Shannon interns at a company that processes human bone and tissue for life restoring surgeries. She will pursue a Ph.D. in biomedical engineering to perform quality of life research.

Joshua D. Bryan, Scribner Scholar No. 22
Josh is a civil engineering major at Ohio Northern University, enrolled in the honors program and completing a business minor. He is the treasurer for his TBP chapter. Josh is also a two-year letter-winner in football and has traveled internationally on three mission trips to work on engineering projects. After graduation, Josh plans to join his family construction business in Pittsburgh, PA.

Ethan L. Budreau, Stabile Scholar No. 196
Ethan is a mechanical engineering student at The University of Iowa. He is passionate about solving problems, helping people, and his family and dogs. His activities include membership in TBP and ASME as well as entrepreneurship, volunteering, and assistant teaching. He plans to become an entrepreneur after graduation and build a successful business and give back to the community.

Annicka K. Carter, Record Sch. No. 804
Annicka is a biomedical engineering major at the University of Utah and participates in organizations such as the bioengineering undergraduate committee, student BMEES club, and the university student government. She works in the artificial heart program at Intermountain Medical Center in clinical research and patient care. She plans to pursue a Ph.D. in RMS and research in medicine.

Laiara R. Cerri, Record Scholar No. 805
Laiara is majoring in civil engineering at Manhattan College, where she is a Chi Epsilon chapter officer, and volunteers at the engineering tutoring center. She is interning at an international engineering firm and hopes to work there full-time after graduation. After graduate school for structural engineering, she hopes to gain experience traveling around the world.

Amanda Chen, Record Scholar No. 806
Amanda is a biomedical engineering major with a minor in chemical engineering at the University of Rochester and ranks first in her class. A Goldwater Scholar, Amanda is TBP chapter president. She plans to pursue a Ph.D. to study drug delivery systems and to build a career in academia.

Bingxuan D. Chua, Record Sch. No. 807
Dennis is a chemical engineering major at Cornell University and first in his class. He is the TBP chapter president and Base Productions Dance Group president. His achievements include, the President’s volunteer service award, national champion in The Mathematical Contest in Modeling, and winner of the IBM Watson Case Competition. He plans to pursue a MEng after graduation.

Michael B. Cloward, Stabile Sch. No. 197
Michael is a mechanical engineering major at Brigham Young University and first in his class. He is TBP chapter vice president and recently held the position of external relations co-chair for the biomedical engineering club. He is working as an intern at GE Healthcare, and plans to pursue a master’s degree in mechanical engineering starting fall of 2014.

Brian A. Conners, Webster Scholar No. 1
Brian studies chemical engineering at the University of Cincinnati and will also graduate with a Master’s of engineering. She enjoys leading the club swim team and working on projects for Process Plus, an engineering firm. Upon graduation, she hopes to pursue a Ph.D. or a career as a process engineer.

Guy J. Cordonier, Stabile Scholar No. 198
Guy is a mechanical engineering major with a minor in physics at West Virginia University. He is an active member in ASME and secretary of AIAA, and has also performed outreach in South Africa and Malawi. He has worked on research in material science and nanotechnology, as well a microgravity exploration with NASA. He plans to pursue a doctorate in material science.

Turner L. Cotterman, Record Sch. No. 808
Turner is studying electrical engineering at Clemson University. He is active on campus in student government, Triangle Fraternity, and German Professional Society. His passion lies in renewable energy systems, and he is conducting research on modeling electrical loads into a zero-energy infrastructure. After graduation, he hopes to attend graduate school to pursue energy technologies.

J. Alexander Cranney, Stabile No. 199
Xan is a mechanical engineering major at Brigham Young University with minors in economics and music and will later pursue master’s degrees in business and ME. He has a variety of interests, including biomedical & traffic engineering and energy. He is also interested in cogeneration, combining electricity generation with heating in a single device.
Bria O’Lisa Crawford, Record No. 809
Bria is a civil engineering major at Howard University and ranks first in her department. She is involved with multiple campus organizations, including Delta Sigma Theta, ASCE, SWE, and NSBE. Bria has worked as an undergraduate researcher and an intern for three summers. She plans to pursue a Ph.D. in environmental engineering and help address issues in water quality.

Andrew J. Creighton, Record No. 810
Andrew is a double major in aerospace engineering and political science, with a minor in mathematics and a certificate in international studies from Arizona State University. Andrew works as a teaching assistant, an engineering tutor, and with faculty in designing & drafting aircraft policy. He has an internship with Boeing and hopes to obtain a full-time position while completing a master’s in MEng.

William Austin Curbow, Record No. 811
Wm. Austin is pursuing a bachelor’s degree in electrical engineering at the University of Arkansas, where he is ranked first in his class. He has been researching on power electronics and interfacing at a robotics company. His interests include control systems and electronic circuit design. He plans to continue his education with a master’s in control systems engineering.

Nathaniel L. Decker, Record No. 812
Nathaniel is a civil engineering major at Utah State University. He plans to pursue graduate study focused on structural engineering. He is interning at a consulting engineering firm and looks forward to becoming a licensed S.E. Nathaniel hopes to contribute to the advancement of more sustainable structures in America and abroad.

Danielle M. Defeo, Stabile No. 200
Danielle is a mechanical engineering major at Stevens Institute of Technology, where she will also earn her master’s. She is a four-year varsity athlete in softball and dedicates many hours towards community service. She has been treasurer and sectional co-chair for the APO service fraternity as well as an SGA senator. Danielle will pursue a career in product design and development.

Tyler A. Dell, Record No. 813
Tyler is majoring in civil engineering at Colorado State University. He is involved in organizations including Chi Epsilon, the National Society of Collegiate Scholars, and the Navigators. After graduation, he hopes to work as a water resource engineer in CO while acquiring his P.E. license. After which, he hopes to travel to developing countries to help improve the availability and quality of water.

Brandon M. Demerath, Stabile No. 201
Brandon is majoring in mechanical engineering at the University of Iowa. His extracurricular involvement includes being secretary of the UI American Institute of Aeronautics and Astronautics, an undergraduate teaching assistant, and a volunteer at the local Newman Center. After graduation he plans to pursue a master’s degree at The University of Iowa.

Nathaniel R. Devoe, Stabile No. 202
Nate is studying mechanical engineering with a minor in mathematics at the University of Maine. He is interning at Texas Instruments working on robot optimization in manufacturing. Nate is TBP chapter president, and team member for the UMaine Hoverbike. He will pursue a master’s degree in mechanical engineering design and would like to design mountain bikes or vehicles.

Sydnee B. Dieckman, Record No. 814
Sydnee is pursuing a bachelor’s in civil engineering at Washington State University. She is a minor in Japanese. Sydnee has been a co-op at Puget Sound Naval Shipyard and plans to convert to full-time employment at U.S. Fleet Activities Yokosuka in Japan after graduation. She is considering pursuing a master’s degree in structural engineering after returning from Japan.

Sarah E. Divel, Record No. 815
Sarah is majoring in electrical engineering at the University of Notre Dame, where she serves as TBP vice president. She conducts research in CT reconstruction and has spent two summers interning at GE Healthcare in WI. These experiences have deepened her passion for healthcare and she plans to utilize her education in the healthcare industry while pursuing her master’s.

Ria C. Domin, Record No. 816
Ria is majoring in chemical engineering at the University of Alabama. She is a two-time NCAA national champion as a member of the gymnastics team. Ria is a campus officer for SWE and conducts undergraduate research. She plans to pursue a Ph.D. in chemical & biological engineering, research in tissue engineering, and teach at the university level.

Matthew O. Duffield, Stabile No. 203
Matt is a mechanical engineering major at Brigham Young University. He is involved in research projects to develop cleaner cook stoves and more efficient housing for the developing world. He plans to pursue a master’s degree and an MBA. After graduation, he looks forward to working in industry, serving in the community, and raising a family.

Kevin T. Eck, Stabile No. 204
Kevin is a mechanical engineering major pursuing a dual bachelor’s and master’s degree at Mercer University, where he ranks first in his class. He seeks to use the abilities and opportunities he has been given to benefit others through his career. After graduation, he is deciding between going into industry or continuing his education with an MBA or Ph.D. He is also getting married this summer.

John F. Edelbrock, Curtis No. 6
Jack is a senior polymer science and engineering student at Case Western Reserve University and first in his class. He presented his most current project, on therapeutic protein delivery, at the national meeting of the American Chemical Society. Jack will pursue a graduate degree in biomedical engineering.

SarahBeth is a mechanical engineering major at the University of Texas at Austin and ranks first in his class with a 4.0 G.P.A. He is involved in intramural soccer and squash tournaments. Youssef is interning this summer in the SUFI research program at UT and is applying for graduate school to fulfill his passion in becoming an expert in thermal enhanced oil recovery.

Charles E. Elliott III, Record No. 817
Chad is majoring in mechanical engineering at the University of South Alabama, where he ranks first in his class with a 4.0 G.P.A. He has gained research experience studying functionally graded materials. He is an intern at Airbus, where he works within the A380lining design group. As a result, he plans to pursue graduate studies in aerospace engineering.

Elizabeth M. Fischer, Stabile No. 205
Beth is pursuing a bachelor’s and master’s in mechanical engineering at the Rochester Institute of Technology. She plans to graduate next spring and begin working in industry. She enjoys Lean process development, as well as heat transfer and computational fluid dynamics, and would like to work in these areas.

Joshua K. Fleming, Record No. 818
Josh is an electrical engineering major at Cedarville University. He will further his education in engineering and business at the graduate level. Josh has taken advantage of several opportunities as a resident assistant, TBP chapter president, IEEE class officer, intramural sports, avid rock climbing, and three summer engineering internships.
Casey M. Fontana, Record No. 819
Casey is a civil engineering major at The College of New Jersey. She is the TBP chapter vice president, and is also active in the American Society of Civil Engineers and the Society of Women Engineers. She has participated in summer research focused on fiber reinforced polymer composites, and hopes to pursue a career in architectural engineering after graduate study.

Christopher W. Fox, Stabile No. 206
Chris is a mechanical engineering major at Cedarville University, where he has been a starting catcher for the baseball program. He enjoys the hands-on aspect of the engineering roll and the intellectual challenges it presents. Chris is also a member of Cedarville’s SAE Aero Design team. He is interning at Cummins Inc., where he hopes to pursue a career after graduation.

Joy A. Frunzo, Forge No. 12
Joy is majoring in mechanical engineering at San Jose State University. She is a dean’s scholar, a research fellow in the Wilkinson Neurophysiology lab, SISU Salzburg Scholar, and a multi-year SWE officer. She plans doctoral studies focused on applying mechanical engineering to curing human disease states. Joy also works to combat gender bias, promote education, and develop global citizenships.

Joshua D. Frash, Record No. 820
Josh is studying chemical engineering at Ohio University, where he is TBP chapter president and a member of AICHE. He also remains active in his local church and mentors undergraduates. Josh is working at DuPont in Washington, WV, this year and plans to enter manufacturing industry, or become a high school chemistry teacher.

Ethan C. Fryer-Ressmeyer, Record No. 821
Ethan is majoring in aerospace engineering and mechanics at the University of Minnesota-Twin Cities. He has been involved on campus primarily as president/treasurer of the sailing team and working as an experimental physics lab assistant. He interned this past summer at Boeing and intends to continue that path after graduation.

Eric G. Fuller, Record No. 822
Eric is studying chemical engineering at Brigham Young University and will graduate in April 2015. He re-searches shale oil pyrolysis, and this summer has an internship with Procter & Gamble Paper Products in Utah. Eric plans to attend grad school and is also training in order to make the BYU varsity track team.

Hang Gao, Stabile No. 207
Hang is a mechanical engineering major at The University of Iowa, where he ranks first in his class and group with a 4.0 G.P.A. He is involved in research and in undergraduate initiatives that have helped him develop his passions and plans for after graduation. He plans to enter the workforce but intends to pursue a graduate degree in the future.

Robert A. Gentile, Stabile No. 208
Robert is pursuing a degree in mechanical engineering and a minor in business management at the Milwaukee School of Engineering. He was awarded a full tuition grant to pursue a master’s in engineering management. After graduate school, he hopes to work in either the automotive or energy industries.

Justin M. Gerber, Record No. 823
Justin is pursuing an aerospace engineering degree with a minor in Homeland Security at Embry-Riddle Aeronautical University where he is TBP chapter president. He enjoys spending his free time working at the ERAU Eagle Flight Research Center and participating in various unmanned aircraft research projects. He currently works for a defense contractor.

Nicholas D. Glynn, Record No. 824
Nick is majoring in chemical engineering at The University of Iowa. He plays trombone in the Hawkeye Marching Band and has been active with roles in associated residence halls. Nick has been involved with Omega Chi Epsilon, AICHE, and the grand challenges for engineering program. He plans on obtaining a master’s degree in either chemical or nuclear engineering.

Albert R. Gnadt, Stabile No. 209
Albert is majoring in mechanical engineering with certificates in business and thermal energy at The University of Wisconsin-Madison. He has been involved in TBP and ASME, along with intramural soccer and dodgeball. For two summers, Albert has worked with GE Healthcare in WI. After graduation he expects to start in a rotational program.

Jillian K. Gorski, Record No. 825
Jillian is majoring in bioengineering at the University of Pittsburgh. She works as an undergraduate researcher focused on evaluating stem cell sources for regenerative medicine. She is active in science and literature outreach for middle school students. She plans to pursue a medical degree and a career in academic medicine.

Jenafer L. Graham, Kolff van Oosterwijk No.5
Jena is a computer science and mathematics major at the University of Portland. She plans to gain industry experience upon graduating while following her passion to generate interest in women choosing to pursue a career in STEM fields. She is president of her university’s SWE chapter, a member of the UP honor’s program, and enjoys application development and design.

Tawna M. Groom, Record No. 826
Tawna is a civil engineering major at Boise State University. She has held leadership positions in TBP, Sigma Lambda Chi, SWE, EWB, and is involved with ASCE. She is an avid football fan and participated in the marching and pep bands. Her summer internship helped establish her goals to pursue graduate studies and obtain her P.E. license.

R. Jordan Hall, Record No. 827
Jordan is majoring in bioengineering at Clemson University. He is an undergraduate research assistant, active in his church, athletics, and the community. After graduating he plans a year of service abroad before attending medical school. His career aspiration is to practice medicine in Third World countries.

Zachary A. Hamann, Stabile No. 210
Zachary is majoring in mechanical engineering at the University of North Dakota where he ranked first in his class with a 4.0 G.P.A. He is working under a NASA research fellowship in the space studies department, as well as an internship at Cirrus Aircraft. His senior design project will be the Formula SAE design competition.

Abraham W. Hamilton, Stabile No. 211
Abraham is a mechanical engineering major, and a member of the honors college, at the University of Maine. He is ranked first in his class with a 4.0 G.P.A. Abraham has plans of entering industry for a few years before pursuing an MBA. His long term plan is to integrate his technical education with his interest in international business administration.

Erika D. Handly, Record No. 828
Erika is an honors student in chemical engineering at Brigham Young University. She works in two research labs on targeted drug delivery and improving catalyst design. She interned at Hokkaido Univ. in Japan testing diabetes treatments and studied cancer cell metabolism at UCSD. Erika is a SWE secretary and plans to pursue a Ph.D. in BME.
Jared Hing-Lum Hara, Forge No. 13
Jared is majoring in bioengineering at Santa Clara University. He is involved with research in 3D cell toxicology and works on a transdermal patch. He is co-chair of the Chinese Student Assoc., treasurer of the pre-health club, and president of the Jiu Jitsu club. Jared spent the summer at Shanghai Jiao Tong Univ. as a fellow. He will pursue a MD in medical research.

Mark G. Harries, Stabile No. 212
Mark is a mechanical engineering major at the University of North Dakota. He is on the track and cross country teams, involved in volunteering engineering students, and involved at the Newman Center on campus. He has interned at Emerson Rosemount in MN for two summers and plans to seek employment after graduation. Mark hopes to work towards either a master’s or an MBA.

Kazi Y. Helul, Bloomberg No. 7
Kazi is a chemical & biomolecular engineering major with a philosophy minor at the Polytechnic Institute of New York University. He has done research in a protein engineering lab and served as the AIChE chapter president for 2+ years. This summer, he is interning at ExxonMobil. For the future, he plans to pursue a Ph.D. in chemical engineering focusing on biofuels.

Clarissa L. Hernandez, Record No. 829
Clarissa is a chemical engineering major at the University of South Alabama. She is a member of the varsity women’s soccer team, president of AIChE, and a research assistant in a bioimaging lab. Clarissa will pursue a doctorate in biomedical engineering and plans to participate in tissue engineering research and eventually work for a biotechnology company.

Logan D. Hopper, Alabama Power No. 10
Logan is a mechanical engineering student at the University of Alabama. He is involved in aerodynamics & industrial research projects and is the TBP chapter vice president. Logan studied Spanish and environmental technology in Spain this summer and plans to apply for grad school. He will pursue a career in renewable energies or sustainable manufacturing practices.

David L. Hutchins, Scribner No. 23
David is pursuing a degree in environmental engineering from Montana Tech of the University of Montana. He is a dedicated father and an inspired inventor. He has a passion for sustainable design. He plans to apply his skills close to home, problem solving local environmental challenges.

Ellen M. Ibister, Stabile No. 213
Ellen is a mechanical engineering major at the University of Minnesota, Duluth. She is the President of the UMD Scholars Club, and enjoys her roles as commanding officer of the percussion band and drum major of the marching band. Upon graduation, she plans to attend graduate school to pursue a master’s degree in product design engineering.

Joshua D. Jacobson, Record No. 830
Josh is a computer engineering major at Northwestern University, and is passionate about innovative technology, entrepreneurship, and music. He is gaining professional experience as a project manager intern at Groupon, and looks forward to pursuing a career in the tech industry after graduating. Josh is also a pianist, singer, and composer.

Benjamin R. Johnson, Stabile No. 215
Ben is an industrial engineering major at the South Dakota School of Mines & Technology. He has been interning with Caterpillar Inc. in their parts distribution division, focusing on spreadsheet programming and data analysis. He is also president of his IIE chapter. His goal is to pursue a graduate degree in engineering management.

Jennifer N. Johnson, Forge No. 14
Jennifer is studying computer engineering at University of the Pacific and has been interning at Intel in the architecture design group. She recently published a paper in the IEEE SSNIP Conference and won the SWE’s national poster competition. Jennifer is a senior research assistant in the field of sensor networks and hopes to obtain a job at Intel after school.

Kati J. Johnson, Stabile No. 216
Kati is a chemical engineering major and first in her class at South Dakota School of Mines & Technology, where she is TBP chapter president. She plans to obtain experience in industry as a process engineer prior to pursuing a graduate degree in materials engineering. As a member of Engineers & Scientists Abroad, she hopes her career allows her to help the less fortunate.

Kevin R. Johnson, Record No. 831
Kevin is majoring in biomedical engineering at The University of Iowa focusing on cardiovascular biomechanics. This summer as a researcher, he examined cerebral vasculature with computational fluid dynamics. After graduation, he plans to pursue a master’s degree in BME to experience more of the academic/research culture before entering the medical device industry.

Joshua D. Jones, Stabile No. 217
Joshua is a 3rd year mechanical engineering major at the Georgia Institute of Technology and ranks first in his class with a 4.0 G.P.A. His involvement outside of Tau Beta Pi includes serving as a supreme justice on the undergraduate judiciary cabinet and as a teaching assistant. Internships have included the U.S. Army Corps of Engineers.

Tyson D. Kesler, Stabile No. 218
Tyson is majoring in mechanical engineering at Utah State University. He is the TBP chapter recording secretary. He has completed multiple internships in the mining industry. He enjoys computer modeling and performing failure analysis. Tyson plans to obtain a master’s degree in mechanical engineering and to get a job in the mining or oil industry.

Sara A. Khalek, Record No. 832
Sara is majoring in biomedical engineering at Georgia Tech. She is involved as a senior web designer of Pioneer Newsletter, a teacher assistant and mentor for students, and a neuroscience researcher. Sara is interning at Global Center for Medical Innovation and learning medical equipment design innovation. Her career goals include working in medical design industry and grad school.

Seth Kijewski, Stabile No. 219
Seth is majoring in mechanical engineering at South Dakota School of Mines and Technology. He is part of the professional development inst. for student leaders and residence life, as a resident assistant. He plans to earn a master’s degree in aerospace engineering. After grad school, his goal is to work on military aircraft in the U.S. or commercial aircraft in England.

Claire E. Kilmer, Dodson No. 52
Claire is a chemical engineering major at North Carolina State University, where she is also a member of the marching band. She plans to pursue a doctorate upon graduation in biological or tissue engineering. She would like to do research in the field of personalized medicine with a pharmaceutical company in the future.
Aimee V. Kuntz, Dodson No. 53
Aimee is majoring in petroleum engineering at Montana Tech of the University of Montana. She is an active member in the Society of Petroleum Engineers and in SWE. She hopes to receive an internship with an oil & gas company next summer to gain experience and knowledge in the field. Aimee aspires to be a reservoir engineer.

Reed A. Kopp, Record No. 833
Reed is majoring in aerospace engineering at Pennsylvania State University and ranks first in his class. He is chapter president of the National Aerospace Engineering Honor Society. He has interned with The Boeing Co. as a designer and structural analyst for the 787 program. He plans to pursue a master’s degree while working in industry.

Jill E. Langlas, Stabile No. 221
Jill is a mechanical engineering major at the University of Kansas. She is part of the SELF Engineering Leadership Fellows program and is going to India to learn about engineering there and the global market. She is part of the SELF Engineering Leadership Fellows program and is going to India to learn about engineering there and the global market. She is part of the SELF Engineering Leadership Fellows program and is going to India to learn about engineering there and the global market. She is part of the SELF Engineering Leadership Fellows program and is going to India to learn about engineering there and the global market. She is part of the SELF Engineering Leadership Fellows program and is going to India to learn about engineering there and the global market.

Jin W. Lee, Soderberg No. 20
Jin is majoring in mechanical engineering at Binghamton University and is TBP chapter vice president. He is doing research on the application of nanoparticles to prevent infection caused by bacteria. After a year of research, he became drawn to the potential of nanotechnology to revolutionize people’s lives. Jin plans to earn his Ph.D. and for a career in academia.

Anna D. Koch, Althouse No. 5
Anna is majoring in electrical & computer engineering at Oregon State University focusing on power systems, and is active in Phi Sigma Rho. This fall she will complete her second MECOP internship at Brown and Caldwell in WA. After graduating, whether she starts grad school or a career, she wants to continue to support women in engineering, play soccer, and ride her bike.

Michael A.A. Kuprenas, Record No. 837
Mikas is double majoring in chemical engineering and music performance at the University of South Carolina. He is a third-generation Tau Beta Pi, a resident mentor for USC Housing, and is active in his school’s Symphonic Orchestra and Gospel Choir. His research interests are related to fuel cell and battery technology. After graduation, he hopes to gain experience in the field of chemical engineering.

Aimee is majoring in geological engineering at the University of North Dakota. She is working as a NSF REU intern at the Univ. of Minn., Twin Cities. Alexa was elected e-council representative for UND’s SWE chapter and enjoys volunteering in the community. Her dream is to pursue a career studying volcanic behavior to one day tap them for geothermal energy.

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Michael is majoring in chemical engineering and music performance at the University of South Carolina. He is a third-generation Tau Beta Pi, a resident mentor for USC Housing, and is active in his school’s Symphonic Orchestra and Gospel Choir. His research interests are related to fuel cell and battery technology. After graduation, he hopes to gain experience in the field of chemical engineering.

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Shuwen Lin, Record No. 844
Shuwen is majoring in chemical and biomolecular engineering at Tulane University, where she is at the top of her class. She is president of SWE at Tulane, and she has been conducting stem cell research since her sophomore year. Shuwen is applying to medical schools and plans to integrate engineering knowledge into her medical career.

Connor J. Lind, Forge No. 15
Connor is a mechanical engineering major at the University of San Diego and ranks first in his class. Connor has built bridges in Haiti and taught English to Buddhist nuns in the Indian Himalayas. He is a USD Social Innovation Challenge winner and the founder of USD Engineers Without Borders. He plans to pursue a graduate degree in development studies.

Qinye Liu, Record No. 845
Qinye is a mechanical engineering major at Pennsylvania State University. She is involved in lightweight robot research and lubrication theory research. She hopes to contribute to improve the performance of vehicle systems to benefit the world. She plans to pursue a master’s in mechanical engineering and then look for a position in industry.

Wuli Liu, Record No. 846
Wuli is an electrical engineering major at Clarkson University with a statistics minor and enjoys data analysis. He is the co-founder and vice president of the SASE chapter at Clarkson. He has been involved with research in the field of biomedical engineering. He has had internships with GE and Procter&Gamble. He will pursue a master’s degree.

Cody J. Lundie, Mentor No. 10
Cody is double majoring in computer & electrical engineering and first in his class at South Dakota School of Mines & Technology. He has an internship with Johns Hopkins University Applied Physics Lab working on NASA’s Solar Probe Plus mission. After graduation, Cody is pursuing grad school with interests in autonomous systems and intends to work for NASA.

Joshua G. Mangelson, Record No. 847
Joshua is an electrical engineering student at Brigham Young University. He has worked as a research assistant with Dr. Nelson in the center for high-performance reconfigurable computing lab with an emphasis on FPGAs. His enjoyable experience as a teaching assistant has led him to pursue a Ph.D. in control theory and DSP.

Nathaniel R. Marchant, Record No. 848
Nate is a chemical engineering student at Brigham Young University. He served for two years as a missionary for the CJCLDS in Halifax, Canada. Following graduation, he will go to graduate school in business management. Nathaniel desires to work with technology-based start-ups either in an entrepreneurial role or through venture capital.

Walid Melef, Forge No. 16
Walid is a software engineering major with a math minor at San Jose State University. He is from Tunisia and came to the U.S. in 2010. He serves as secretary of Golden Key and as treasurer of the National Society of Leadership and Success. Walid has been appointed as a member of the President’s Commission on Diversity. After graduation, he will look for a software engineering job.

Shivani S. Mehta, Rose No. 7
Shivani is a senior in electrical engineering at Georgia Tech. She has completed a four-semester co-op at the Institute of Nuclear Power Operations and has been interning at Siemens as a hardware engineer. After graduation, she would like to pursue a masters and then work as a hardware engineer to create future cutting-edge technology.

Jorge D. Mona, Record No. 849
Jorge is a biomedical engineering major at Georgia Tech. Jorge is involved in research, numerous volunteer initiatives, and leadership development programs. He is working in New York and plans to work in the biomedical industry for two years, and then go back to get an M.D./M.B.A. His goal is to be a physician, and help provide more affordable medicine.

Vincent J. Miek, Record No. 850
Vince is studying civil engineering at Bradley University. He is involved in organizations such as ASCE, Chi Epsilon, and Sigma Alpha Epillon. He has worked as an intern for the Illinois Dept. of Transportation, where he was involved in several road construction projects. He hopes to pursue a full-time career with IDOT in the near future.

Amani U. Moin, Record No. 852
Amani is double majoring in chemical & biological engineering and economics at Colorado State University. She is a member of AIChe and co-captain of her university’s Chem-E-Car team. Amani is also an undergraduate researcher and tutor. After graduation, she plans to pursue a career in pharmaceuticals or medical devices to make an impact on the quality of healthcare.

Jacob D. Miller, Stabile No. 222
Jacob is majoring in mechanical engineering at Cedarville University. He loves to travel and spent the summer in Beijing, China. After graduating, he plans to continue his education in a way that combines engineering with healthcare. He is currently interested in either working with prosthetics or dentistry.

Benjamin H. Morrell, Record No. 855
Ben is majoring in civil engineering at Brigham Young University. He is an officer in TBP, loves learning and sports, is doing research, and is looking forward to an exciting future! He was a high school valedictorian and is among the top of his class. Ben also speaks Tagalog and spent two years in the Philippines on an LDS mission.

David P. Mysona, Record No. 856
David is a biomedical engineering major at University of South Carolina. He is a member of the men’s rugby team and was named to the lst-Team All-Southeastern Rugby Conference team in spring of 2013. David belongs to numerous campus organizations and is a freshman mentor. He plans to pursue an M.D./Ph.D.
Jay C.C. Nair, Stabile No. 223
Jay is double majoring in mechanical engineering and applied physics at the University of Idaho where he is ID A chapter President. He is an Eagle Scout and the alumnus chairman of the U of I fraternity chapter of Phi Delta Theta. This summer he is interning at Sandia National Laboratories and his future plans include a master's degree.

Connor P. Nash, Record No. 857
Connor is majoring in chemical & biological engineering with a minor in biomedical sciences at Colorado State University. He is undecided about his postgraduate plans, but his current work in a developmental neurobiology lab will help with his career aspirations in bioengineering. Of particular interest are the fields of tissue engineering and regenerative medicine.

Ashley N. Ng, Record No. 858
Ashley is in the ACCEND program at the University of Cincinnati, obtaining her B.S. in chemical engineering and MBA simultaneously. She is finishing up her fifth term of co-op at Ashland, completing rotations in process technology, maintenance, and process controls. After graduation, she plans to work in industry as a process engineer.

Kara L. Ninke, Scherwaller No. 3
Kara is a mechanical engineering major at Colorado School of Mines. She is active in many organizations, including Sigma Kappa Sorority, SWE, ASME, and Up2U! Days, which supports St. Jude Children’s Research Hospital. Kara is interning with Phillips 66 at the Billings Refinery and plans to utilize her degree to progress the development of renewable energy technologies.

Adesuwa Nosakhare, Dodson No. 54
Adesuwa is pursuing a B.S. in chemical engineering at the University of Maryland Baltimore County. She has participated in summer research programs at MIT and is a math tutor at UMBC. After graduating, she plans to intern with ExxonMobil in a foreign country and then attend a graduate school to obtain a master's degree in petroleum engineering.

Thomas J. Notchick, Record No. 859
Thomas is an electrical engineering major at Western New England University, with a major G.P.A. of 3.96. He is actively involved in the campus community as president of the senior class council, a peer advisor for first year students, and more leadership positions. He hopes to work in the aerospace industry.

Max L. Olender, Stabile No. 224
Max is studying mechanical and electrical engineering at the University of Michigan, where he maintains a 4.0 G.P.A. He is a project leader for his chapter's Cub Scout Den and the Jewish Engineering Association, and active across campus. Max spent the summer interning at Los Alamos National Laboratory and plans to pursue a BME graduate degree.

Ahmad H. Omar, Record No. 860
Ahmad is majoring in civil engineering at the University of South Alabama. After graduation, he plans to pursue a master’s degree in structural engineering. He is conducting summer research studying pervious concrete. Ahmad is active in ASCE and is an officer in SAME student chapter. He attends school full-time and works part-time for an engineering firm.

Kevin T. Orbine, Stabile No. 225
Kevin is a mechanical and aerospace engineering major at Rutgers University, where he teaches first year physics, serves as president of his honors society, and works as a research assistant. After graduating, he hopes to take his internship experience in manufacturing to a design-related job within industry, and later pursue joint graduate degrees.

José L. Ortiz, Stabile No. 226
José is majoring in industrial engineering at Worcester Polytechnic Institute. He is an international student from Ecuador with a 4.0 G.P.A. He completed his junior project in Australia and will do his senior capstone project on manufacturing process improvement with a pharmaceutical company. He plans to gain professional experience and then an MBA or master's degree.

Edward J. Overy Jr., Record No. 861
Eddie is majoring in chemical engineering at Brigham Young University. After receiving his bachelor's degree, he plans to work in the chemical industry as a process/contact engineer. His long term goals include earning an MBA and moving into management roles in industry where he can plan and oversee large plant projects.

Tawmi M. Paradise, Forge No. 17
Tawmi is majoring in industrial and systems engineering, and computer science with a 3.86 G.P.A. at the University of San Diego. This summer she has been active in ergonomic and sustainability research, while volunteering with animals and children. She plans to become a teacher, and positively impact her student’s lives.

Melanie R. Payne, Record No. 862
Melanie is majoring in civil engineering at Clemson University. She was TBP chapter vice president and is an active member in Zeta Tau Alpha, Chi Epsilon, and Student Engineers of South Carolina. Last summer, she worked as an environmental intern for Santee Cooper. After graduation, she plans to pursue an engineering job and then a master's degree in env'tl engineering.

Hector D. Perez Parra, GEICO No. 36
Hector is from Colombia and is a chemical engineering major at Brigham Young University. He currently does research in the BYU catalysis lab on catalyst characterization and reactor modeling. Hector plans on pursuing a Ph.D. in grad school and to return to Colombia to contribute to its developing economy.

Kevin A. Perkins, Record No. 863
Kevin is an electrical engineering major at Brigham Young University and ranks first in his class. He is a teacher's assistant and researches in MRI physics. He served a mission in California and became fluent in Spanish. Kevin enjoys singing and spending time outdoors. He plans to pursue a Ph.D. for a career in researching and developing advanced technology.

Ethan R. Perry, Stabile No. 227
Ethan is a chemical engineering major at Western New England University and has the background for a career in the chemical industry as a process contact engineer. Ethan has worked with BP at Cherry Point Refinery in Bellingham, WA.

Kristen L. Perry, Record No. 864
Kristen is studying civil engineering at Oklahoma State University with specific interests in structural and transportation engineering. She is a member of Chi Epsilon, ASCE, and involved with Engineers Without Borders. After graduation, her desire is to travel overseas and use her education to benefit underdeveloped countries.

Sarah A. Perry, Stabile No. 228
Sarah is majoring in industrial and systems engineering at Auburn University and is tied for first in her class with a 4.0 G.P.A. She is active as president of the AU chapter of AIIE, treasurer of the university honors congress, and as an undergraduate researcher. Sarah has been interning with ExxonMobil.
Thomas A. Peterson, Stabile No. 229
Tom is a mechanical engineering major at the University of Minnesota-Twin Cities, and is active with Engineers Without Borders, and the Navigators ministry on campus. He works at 3M as a tech--side where he designs and prototypes small electro-mechanical devices. After graduation, he hopes to enter into industry or start his own small business.

Christopher V. Poulton, Record No. 868
Chris is pursuing a B.S. in electrical and computer engineering with minors in computer science and applied mathematics at the University of Colorado at Boulder. He has published and presented research in silicon photonics and integrated at National Instruments. He hopes to continue this work through a Ph.D.

Hilary L. Rameiser, Dobson No. 55
Hilary majors in petroleum engineering at Montana Tech and is first in her class with a 4.0. She is active with the Society of Petroleum Engineers, Engineers Without Borders, Pi Epsilon Tau, and a mentor for Big Brothers Big Sisters. She has held internships with energy companies, and plans to be hired on full-time as a petroleum engineer after graduation.

Jeffrey W. Pettyjohn, Record No. 865
Jeff is an electrical engineer at Georgia Tech with a 4.0 G.P.A. and ranks first in his class. He is in the Steven A. Denning Tech. & Mgmt. Program that focuses on cross-functional leadership in developing technological and business-related solutions. He will pursue a graduate degree prior to entering industry, capitalizing on his experiences, including a co-op with Southwire Corp.

Cody R. Phelps, Forge No. 18
Cody is a civil engineering major at the University of California, Davis, where he received the Risken Environmental Engineering Award. Internship opportunities have included positions at a waste-to-energy power plant and air quality agency. He aims to pursue a graduate degree in environmental engineering.

Samuel M. Prentiss, Stabile No. 330
Samuel is majoring in mechanical engineering and minorin in mathematics at the University of Maine. He is employed as a summer intern with Southworth Products Corp. (Falmouth, ME), where he uses solidworks to model large industrial hydraulic scissor lifts. He plans to attain his master’s degree in a mechanical engineering field after taking time to ski, snowmobile, and enjoy nature.

Matthew F. Reardon, Record No. 870
Matthew is a civil engineering major at the Virginia Military Institute with a minor in mathematics and a concentration in aerospace engineering. He participated in the LARISS program at NASA’s Langley Research Center. Upon graduation, he hopes to go to graduate school in aerospace engineering and then get a job focusing on aerodynamics or propulsion. Matthew is interested in pursuing a master’s degree in medical photography.

Wiphavi S. Phifer, Record No. 886
Mo is a civil engineering major at South Dakota State University and is involved in ASCE, Chi Epsilon, and Engineers Without Borders. She plans to attain her EIT this year and eventually a P.E. Mo is a wastewater/wastewater intern at HDR, Inc. After graduation, she hopes to gain experience through work abroad, participate in research, and attend graduate school.

Srinidhi J. Radhakrishnan, Record No. 869
Sri is majoring in chemical and biological engineering at the University of Colorado at Boulder. She writes articles for The Colorado Engineer, CU’s engineering, science, technology publication. Sri’s work, thus far, has been biologically focused. She is interning with ConocoPhillips to gain a better idea of the work she will do as a chemical engineer.

Victor M. Rosario-Melendez, Stabile No. 233
Vic is a chemical engineering major at the University of Puerto Rico at Mayaguez and ranks first in his class. He is an honor student and is active in AIAA, AIChe, Pi Tau Sigma, and TBP. Vic has internship experiences at Air Products and GE Energy Management. Vic is currently focusing his career in the oil & gas field after an internship at BP.

Vinh T. Phung, Record No. 867
Vinh is majoring in electrical engineering and minor in mathematics and computer science at the University of Houston. He is an international student from Vietnam. This summer, Vinh is interning at National Oilwell Varco and hopes for a full-time job in the oil and gas industry. His alternative plan is to pursue a Ph.D. in aerospace engineering.

Karly D. Rager, Campbell No. 28
Karly is a civil engineering major at Colorado State University. She is the TBP chapter president and a member of ASCE. She is working as a structural engineering research intern on seismic risk reduction of soft-story wood-framed buildings for the Network of Earthquake Engineering Simulation. Her career goal is to work as a structural design engineer.

Hannah K. Ross, Stabile No. 234
Hannah is a mechanical engineering major at Tennessee Tech University. She is TBP chapter president, a member of her university’s honors program, and an on-campus math tutor. She has just completed a semester abroad in France and is interested in pursuing a master’s. Her research interests include renewable energy and transportation.

Jessica M. Piper, GEICO No. 37
Jessica is a chemical engineering major at Arizona State University, a member of the honors college, and minorin in sustainability to increase her knowledge about human alteration of earth and how engineering can achieve a sustainable lifestyle. Jessica plans to gain professional experience in industry and pursue a graduate degree.

Juan D. Ramirez, Stabile No. 231
Juan is an ocean and electrical engineering major at Florida Atlantic University, where he is TBP chapter president. His interests include ocean renewable energy, AUV’s, and embedded systems. He plans a thesis on renewable energy and to attend graduate school to research minimizing dependence on fossil fuels.

Jason A. Ross, GEICO No. 39
Jason is pursuing a dual degree in biomedical engineering and music performance at the University of Miami. He spent two summers interning at Roswell Park Cancer Inst. working on novel drugs in breast cancer research with plans to obtain an MD/Ph.D. in medical research. Jason is active outside of the classroom as a local clogging group leader and composes works for his own percussion recitals.
Ryan L. Rossiter, Record No. 871
Ryan is majoring in computer science and mathematics at South Dakota State University, where he is first in his class with a 4.0 G.P.A. He has enjoyed summer internships with Daktronics and IBM. After graduation, he hopes to pursue a master's degree in computer engineering, with an emphasis on embedded systems.

Noah T. Sandoval, Record No. 872
Noah is pursuing a degree in engineering education at Colorado State University, with a second major in Spanish. He plans to use his degrees for a semester of student teaching at La Universidad Autonoma de Yucatan, where Noah will be teaching engineering, English, and leadership in both languages.

Justine E. Schaper, Stabile No. 245
Justine is majoring in mechanical engineering and psychology at The University of Missouri-Columbia. She is vice president of her TBP chapter and president of Alpha Omega Epsilon, a social and professional engineering sorority. Upon graduation, she hopes to further her education in graduate school after gaining experience working in industry.

Eric S. Schlbs, Record No. 873
Eric is a civil & environmental engineering major at George Washington University. He holds a wastewater treatment research internship and is involved with numerous activist organizations. Upon graduating, Eric plans to attend law school; he hopes that dual degrees in engineering and law allow him to effectively promote sustainable global development and environmental stewardship.

Daniel E. Schwab, Record No. 874
Dan is majoring in construction engineering at Iowa State University. He is interning with a design-build company helping oversee the construction of Gavilon’s world headquarters. Plans for this coming year include studying for the FE exam, graduating, and working for the company where he is interning.

Jordan M. Senff, Stabile No. 246
Jordan is majoring in mechanical engineering at the University of North Dakota. He has an internship at a local business–Machine Design & Engineering. He also participates in university outreach to get K-12 students interested in engineering. Jordan enjoys boxing, swimming, and his aspirations include serving in the U.S. Navy and a career in design.

Caroline E. Seng, Record No. 875
Caroline is double majoring in biomedical engineering and electrical & computer engineering at Duke University. She co-founded an engineering volunteer organization and hopes to pursue a developing world health lab. She spent summers repairing medical equipment in a Nicaraguan hospital and interning at GE. Her plans include the healthcare industry and a master’s degree.

Neal P. Shah, Record No. 876
Neal is majoring in computer engineering at Northeastern University. As a research assistant, he helped develop state-of-the-art computer vision algorithms, using them to build innovative face-recognition and object-detection applications for security, national defense, and immigration purposes. Neal is also a peer mentor.

Nathan M. Shay, Record No. 877
Nathan is majoring in civil engineering with a minor in political science at Ohio Northern University. He is president of the joint engineering council, treasurer of ASCE, and project manager of the concrete canoe team. Nathan conducted research in traffic information systems at the NEXTTRANS center. He aims for a career in transportation planning.

Scott R. Sheahan, Stabile No. 237
Scott attends Brigham Young University where he will graduate with a B.S. in mechanical engineering. He is fascinated with aerospace engineering and plans on going to graduate school to study aerospace engineering. After graduating from BYU, he plans on working for Boeing and then returning to school to get an MBA.

David L. Smith, Stabile No. 238
David is majoring in mechanical engineering and mathematics at the University of Kentucky. He plans to pursue a master’s degree and work as an engineer at a manufacturing facility. His recent internship focused on R&D, which helped him gain experience in the engineering field. He would ultimately like to be in management where he can apply his engineering background.

Michelle J. Song, Record No. 878
Michelle is a polymer engineering major at Case Western Reserve University. She hopes to pursue a master’s degree in her field and later work in the electronics industry. She is particularly interested in display and battery fields. This summer, she interned at the Univ. of Seoul to study OLEDs.

Cassandra K. Stallbaumer, Fife No. 21
Cassandra is majoring in architectural engineering at Kansas State University. She is involved there as an officer of TBP, Architectural Engineering Inst., and Structural Engineers Assoc. of KS & MO. This summer, she gained professional experience as an intern at BSE Structural Engineers. She plans to pursue a master’s in structural engineering before entering industry.

Kristin M. Stewart, Fife No. 22
Kristin is majoring in architectural engineering at Kansas State University, where she is TBP chapter president. She is also a member of Phi Alpha Epsilon and Steel Ring. She has interned for Ross & Baruzzini in St. Louis for two summers and hopes to continue work there upon graduation. Kristin plans to obtain her P.E. license after gaining experience in the field.

Janelle Strampe, GEICO No. 30
Janelle is majoring in chemical engineering at the South Dakota School of Mines and Technology. She is a varsity member of the Div. II volleyball and basketball teams, and had the opportunity to travel abroad for engineering programs in Chile and Germany. Her plans include obtaining a biomedical master’s degree and exploring going into the medical industry or medical school.

Bryan J. Stringham, Stabile No. 339
Bryan is studying mechanical engineering at Utah State University and has a 4.0 G.P.A. while staying involved in extracurricular activities and recently working as an undergraduate researcher. He hopes to pursue a Ph.D. related to either renewable or nuclear energy. He will focus his career on fulfilling his dream of owning an energy-related engineering firm.

Phoebe Sulzen, Forge No. 19
Phoebe is a mechanical engineering major at California State University, Los Angeles. She has participated in NASA’s Reduced Gravity Education Flight Program and the University Student Launch Initiative. An active board member of TBP, she interned for two summers at the Jet Propulsion Lab and hopes to work there full-time while attaining her master’s.

Steven R. Sundberg, Stabile No. 240
Steven is majoring in mechanical engineering at the University of Wyoming. While attending school, he works full-time for the UW college football team. Steven is undecided on whether to enter the workforce or go to graduate school. He has developed a curiosity in several different fields and looks forward to the future.
Ki-Joo Sung, GEICO No. 41
Ki-Joo is majoring in chemical engineering with a minor in biochemistry at The University of Michigan, Ann Arbor. She hopes to pursue a doctorate in chemical engineering with an emphasis on tissue engineering. This summer she interned at the Institute for Regenerative Medicine, working on developing functional tissue from stem cells.

Peter Sutor Jr., Record No. 879
Peter is a computer science and systems analysis mathematics major at Pennsylvania State University, where he ranks first in his group. He plans to pursue a master's degree and ultimately a Ph.D., afterwards finding a job as a software engineer or designer. This summer, he is interning and working on his thesis – faster integer multiplication algorithms.

Divyagash Swargaloganathan, Record No. 880
Divyagash is a biomedical engineering major at Rutgers University with a 4.9 G.P.A. and first in his class. He is TBP chapter secretary, treasurer of AEMB of Rutgers, and a physics tutor. Divyagash also does research in bioanalytics, global health, and microfluidics. He plans graduate school and then a career in epidemiology and biostatistics.

Brian P. Tallman, Stable No. 241
Brian is majoring in mechanical engineering with a math minor at the University of Minnesota, Duluth. He is an Eagle Scout and involved in multiple clubs both in his major and in outdoor clubs. He is interning as a maintenance engineer at Amsoil Inc. in Superior, WI. After graduating, Brian plans on staying in the fast-paced manufacturing engineering field.

Patrick T. Tate, GEICO No. 42
Patrick is studying chemical engineering, biological engineering, and Hispanic studies at Montana State University. He has completed internships in process engineering and logistics with BP and ExxonMobil. Patrick plans to pursue an MBA, and hopes to find a career embracing his passions for problem solving and languages.

Lily M. Thomas, Stable No. 242
Lily is an industrial engineering major at the University of Massachusetts at Amherst. She is currently completing a senior honors thesis in supply chain management. Lily is a member of SWE and IIE and has interned with GE Oil & Gas in the materials planning department. She hopes to enter into a leadership development program after graduation.

R. Lucas Thomas, Record No. 881
Lucas is majoring in chemical engineering at the University of Alabama. He has done physiology research on polycystic ovary syndrome and other endocrine diseases, and is pursuing a career in medicine. An avid traveler, he is spending this summer teaching English in Romania and studying in Denmark.

Sarah E. Thomson, Stable No. 243
Sarah is a mechanical engineering major at Worcester Polytechnic Institute with a concentration in mechanical design. She is a member of Pi Tau Sigma, SWE, and Admissions Ambassadors. After graduation, Sarah plans to pursue a career in product design, so she can enhance the lives of future generations.

Tam T. Tran, Mitchell No. 4
Tam is majoring in petroleum engineering with a minor in mechanical engineering at Texas Tech University. He is an active member of the Society of Petroleum Engineers and outgoing TBP chapter officer. Tam is an intern in a drilling and supply company and hopes to have a career in the oil and gas industry. Then, he might pursue a master's degree.

Brandon J. Tripp, Record No. 882
Brandon is pursuing a bachelor's degree in civil engineering at the University of Alabama at Birmingham. He is active on campus as TBP president, NSBE president, and in multiple community service activities. Brandon is interning with Chevron as a facilities engineer. After graduation, he plans to obtain a graduate degree in petroleum engineering and continue his professional career.

Chi H.K. Truong, Record No. 883
Chi is majoring in chemical engineering at the University of Maine. She has been involved on campus with SWE, Phi Kappa Phi, Intl. Student Assoc., and as a resident assistant. Chi has worked on paper science related research projects for two years. She has completed two co-op terms at Lincoln Paper and Tissue and plans to pursue more education and a career as a chemical engineer.

Kyle S. Tyson, Stable No. 244
Kyle is majoring in naval architecture and marine engineering at the University of New Orleans. He is a member of Golden Key, Omicron Delta Kappa, and president of the Society of Naval Architects and Marine Engineers. He is an intern for Bollinger Shipyards and his future plans are to work in the New Orleans area as a project manager for new construction.

Allen L. VanMeter, Record No. 884
Allen is a biomedical engineering major at Case Western Reserve University. He serves as the corresponding secretary for his frat, as the VP for membership development of the Interfraternity Congress, and as the director of operations on CWRU’s Dance Marathon committee. He is interning with Procter & Gamble and is involved in viral drug delivery research. His career goal is to practice medicine.

Tyler A. Voegele, Stable No. 245
Tyler is a mechanical engineering major at the University of North Dakota. He is involved with Volunteer Engineering Students organization that does outreach in the local community and provides prospective student tours. Tyler is an undergraduate researcher on gas turbine engines. After graduation, he plans to pursue a master's degree, and work on a design team.

Justen K. Vrabel, Hart No. 1
Justen is a rising senior studying mechanical engineering at Youngstown State University. He is actively involved on campus; serving as the vice president of YSU’s student government last year. He plans to obtain a graduate degree related to aeronautical or mechanical engineering.

Said Mansoor Wahab, Forge No. 20
Mansoor is majoring in electrical engineering at University of California, Davis. He plans to enter graduate school with the ultimate goal of becoming a professor. His research interests are in signal processing for communication systems. Mansoor has been participating in theoretical research utilizing different methods in digital signal processing.

R. Ryan Waked, Record No. 885
Ryan is a chemical engineering major at the University of Dayton and is also working on his master's in materials engineering. Additionally, he plans to pursue a Ph.D. He believes that future technologies cannot develop without the assistance of innovative materials. His interests lie in the fields of polymers and nano-materials.

Ryan T. Whelchel, Fife No. 23
Ryan is majoring in architectural engineering with an emphasis on structures at Kansas State University. He is involved in research and as an ambassador to the engineering college. He plans to pursue a master's degree in structural engineering and applied mechanics. Professionally, he seeks the challenge of designing structures that push the limits of engineering.
Luke Wilson, Stabile No. 246
Luke studies mechanical engineering at South Dakota School of Mines and Technology and is top of his class with a 4.0 G.P.A. He co-founded a swing dancing club and helped build the community of the year as a resident assistant. He works with composites for the SAE Mini Baja team. Upon graduation, Luke hopes to get a job in either automotive or heavy equipment industries.

Elissa W. Wolf, Record No. 886
Elissa is a double major at the University of Pennsylvania, studying digital media design and cognitive science. She has leadership positions in TBP and Advancing Women in Engineering. She is also president of UPenn’s Reach-A-Peer helpline for crisis support. After working at Google and ToyTalk, she hopes to continue pursuing interdisciplinary work that is logical and creative.

Stephen J. Wood, Record No. 887
Stephen is majoring in electrical engineering at Brigham Young University. He is working as an undergraduate research assistant with an emphasis on bio-medical engineering and material sciences. He has several different research interests within electrical engineering and plans to pursue a Ph.D. after completing his degree.

Rebecca Womniak, Record No. 888
Rebecca is majoring in biomedical engineering at Rensselaer Polytechnic Institute. She is a researcher focusing on biomaterials for regenerative medicine, and a learning assistant for freshmen. She is interning in the orthopedic biomechanics lab at the Cleveland Clinic. Her future plans include a master’s degree and work as an R&D engineer in the biomedical field.

Wells Yang, Record No. 889
Wells is a biomedical engineering major at the Georgia Institute of Technology. He is active on campus with GT MOVE, a community service/tutoring organization, and at The Pioneer, the biomedical student newsletter. Wells has been co-oping at Amendia, Inc., an orthopaedic implant company, and currently works as a research assistant and as a TA.

David L. Yoder, Stabile No. 247
David is a mechanical engineering student at Cedarville University, where he is a three-year member of the supermileage team and the university brass choir, in which he is the first chair trombone. He plans to pursue a career in automotive engineering, and has interned twice with Honda. David also hopes to obtain at least a master’s degree.

Jennifer S. Youngpeter, Record No. 890
Jennifer is a chemical engineering major at the University of South Alabama. She will be researching the effects of the addition of metal ions on the synthesis of silica aerogels. Jennifer will use this research to write a thesis. After graduation, she would like to continue her education in either graduate school or medical school.

Chih-Chieh Yu, Record No. 891
Jay Yu is interested in how engineering can be used to explore animal brains. At University of Pennsylvania, he is majoring in bioengineering and researching neuroscience imaging systems to study the sleep mechanism in animals. One of his dreams is to develop a non-invasive interface connecting human brains to computers.

Xing J. Zhong, Record No. 892
Xing Jie is studying electrical and computer engineering with a minor in computer science and applied math at the University of Colorado at Boulder. After graduation, he plans to head straight into a Ph.D. program in robotics and controls. He is the president of his HKN chapter and also two year TBP chapter secretary.