The Soderberg Scholarships made recent gifts to sponsor the Campbell scholarships. Additional bios are posted on www.tbp.org.

The Dodson Scholarships are sponsored by Charles R. Dodson, MD B’30, who made a generous gift to TBP in 1998.

Ruth M. and Cleveland L. Campbell, P.E., IA A’47, made recent gifts to sponsor the Campbell Scholarships.

The Soderberg Scholarships are sponsored by Elsa and Peter H. Soderberg, CT A’68.

GEICO sponsors the seven GEICO Scholarships.

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

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

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

The Anonymous Scholarship is given by a generous donor who contributed 10 awards in 2006.

The Bose Foundation funds the fifth Bose Scholarship.

The Curtis Foundation is named for Richard A. Curtis, OH A’84, who left a bequest to the Society in 2007.

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

The Michael R. Lindeburg, P.E., Scholarships are named for the president of Professional Publications, Inc.

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

The Spirit of Apollo Scholarship is given by a donor to honor the legacy of the U.S. NASA Apollo program.

The Baker Scholarship is named for 2010 Distinguished Alumnus—Merl Baker, Ph.D., P.E., KY A’55.

Christopher R. Dollarhide, Nagel Scholar No. 36, is a chemical engineering major at the South Dakota School of Mines and Technology. He plans to embark on a career in the chemical manufacturing industry and would like to spend a portion of it working abroad. He is considering whether to pursue a graduate degree in engineering or business administration.

Charles A. Holt, Nagel Scholar No. 37, is majoring in civil engineering at Texas A&M University where he is currently first in his class. He has been active in the ASCE, as well as Engineers Without Borders. He plans to study for a master’s in structural engineering and then obtain employment with a reputable engineering company so that he can use his education for the benefit of society.
Jaimee M. Lofquist, Dodson Scholar No. 38
Jaimee is studying biomedical engineering at Michigan Technological University where she has a 4.0 G.P.A. and is chapter President. She plans to continue her education in the medical field to pursue a graduate program for physician assistants. She will also continue as a teaching assistant in the anatomy and physiology lab.

Hannah S. Davis, Dodson Scholar No. 39
Hannah is a chemical engineering major at Brigham Young University, serving as chapter President. She plans to earn a doctorate to become an energy researcher.

Phillip H. Kang, Dodson Scholar No. 40
Phillip is majoring in chemical engineering at the University of Maryland, Baltimore County. He is interested in making new methods for water purification.

Kellie M. Laws, Dodson Scholar No. 41
Kellie is working on a bachelor's degree in chemical engineering at Brigham Young University. She is preparing for graduate school in a biomedical engineering program and plans to work in this area. She believes that combining the medical field with engineering will allow her to achieve her ambition to serve society.

Alyssa J. Rose, Dodson Scholar No. 42
Alyssa is majoring in chemical engineering at the New Mexico Institute of Mining and Technology, where she ranks first in her engineering class with a 4.0 G.P.A. Her passion is to help those living in harsh, Third World conditions, and she plans to do this by creating new methods for water purification.

Danish S. Tarar, Dodson Scholar No. 43
Danish is a petroleum engineering major at the University of Kansas, where he ranks first in his engineering class with a 4.0 G.P.A. He has been doing undergraduate honors research and plans to pursue a master’s in petroleum engineering. He has been researching topics that include permeability changes.

Elizabeth M. Walker, Dodson Sch. No. 44
Elizabeth is a chemical engineering major at Arizona State University, where she has a 4.0 G.P.A. She is currently in a program that allows her to take graduate-level courses. She plans to complete her master’s degree. She is leaning toward a career in industry, but may pursue a Ph.D. and a teaching career instead.

Carl J. Kirpes, Campbell Scholar No. 24
Carl is majoring in both industrial engineering and mechanical engineering at Iowa State University, where he ranks first in his class with a 4.0 G.P.A. He will be applying for a Rhodes scholarship. Otherwise, he may continue for a master's degree or work for a couple of years and then study for an M.B.A.

Julie A. Campbell, Elsa & Peter Soderberg No. 17
Julie is a biomedical engineering major at Rensselaer Polytechnic Institute, where she is THI Recording Secretary. She plans to earn a master’s degree and would then like to work in R&D at a company manufacturing medical devices. She may continue for a Ph.D., but sees her future career in industry rather than academia.

Junhao Chen, Elsa & Peter Soderberg No. 18
Junhao is a mechanical engineering major at Binghamton University where he ranks at the top of his class with a 4.0 G.P.A. He is interested in materials research and will be working on solder techniques to enhance the life of electric components. He has decided to continue after graduation for both a master’s degree and a doctorate.

Rachel A. Fleming, GEICO Scholar No. 22
Rachel is majoring in civil engineering at Duke University and plans to remain for a fifth year to earn her master's. She then will begin a career in either civil engineering or construction management. She enjoyed a construction management internship and is seeking one in design to help her decide on a career path.

Rachna Goyal, GEICO Scholar No. 24
Rachna is working on her bachelor’s in computer engineering at the University of Cincinnati, where she ranked first in her department. She plans to pursue a master’s in electrical engineering. A professor characterized her as “a talented scholar who has natural academic skills ... a soft-spoken yet powerful leader.”

Sarah P. Mattessich, GEICO Schol. No. 26
Sarah is working on her B.S. in biomedical engineering at the Worcester Polytechnic Institute. She is preparing for a career in biomedical research and plans to obtain both a master’s and a Ph.D. to become a principal investigator for a tissue engineering laboratory, as well as serving as a physician.

Jon is majoring in electrical engineering at the University of California, Santa Barbara, where he is enrolled in a five-year B.S./M.A. program and has a 4.0 G.P.A. He is an active member of the club triathlon team there. He believes that his interests in sports cars and space may lead him to work in either the auto industry or with NASA.

J.L. Waltman, GEICO Scholar No. 28
Jon is majoring in electrical engineering at the University of California, Santa Barbara, where he is enrolled in a five-year B.S./M.A. program and has a 4.0 G.P.A. He is an active member of the club triathlon team there. He believes that his interests in sports cars and space may lead him to work in either the auto industry or with NASA.

Katherine M. Gardner, GEICO Schol. No. 23
Katherine is majoring in industrial and mechanical engineering at the University of Louisville. She is also employed as a co-op student by the Defense Contract Management Agency. This is providing experience as an engineer, an employee, and as a civil servant. She plans to work for the agency after graduation.

Gloria Y. Condon, Scribner Scholar No. 15
Gloria is majoring in chemical engineering at Rensselaer Polytechnic Institute. She has applied for a co-terminal program there that would lead to a master’s degree. She is researching photocatalytic devices, transport phenomena, and photochemistry. The terminal goal of her graduate studies is a doctorate.

See additional bios at www.tbp.org.
Erika N. Hango, Scribner Scholar No. 16
Erika is majoring in civil engineering at Rensselaer Polytechnic Institute, where she is enrolled in a joint bachelor/master's program. She wants to design bridges for a structural engineering firm. A particular interest is improving concrete design to make better use of the material's strength. She plans to be a P.E.

Bradley J. Shelofsky, Scribner Sch. No. 17
Brad is majoring in Mech.E. at Rensselaer Polytechnic Institute. He was men's soccer captain and named to the ESPN The Magazine's Academic All-District team two years running. He plans to go for a master's in a co-terminal program or graduate school, to be prepared when the time comes to enter the professional world.

Colleen M. Courtney, Anonymous Sch. No. 5
Colleen is majoring in chemical engineering at the University of Maryland, Baltimore County, where she will be TBD President. She plans to continue her studies towards a Ph.D. in either tissue engineering or drug delivery. She believes these fields will change the way medicine is performed and diseases cured in the future.

Adhvait M. Shah, Bose Scholar No. 5
Adhvait is a biomedical engineering undergraduate at Tufts University where he ranks first in his group. Post graduation, he wants to finish a master's in biomedical engineering, and then apply for an M.D./Ph.D. program, although research goals may change this slightly. Culture and heritage are also important for him.

M.J. Ford, Koff van Oosterwijck Sch. No. 3
Matt is majoring in mechanical engineering and materials science at University of California, Berkeley. He plans to pursue a Ph.D., and ultimately be a professor. He served as president of BEAM (Berkeley Engineers and Mentors), a program introducing San Francisco Bay area K-12 students to engineering.

Erika N. Hango, Scribner Sch. No. 17
Brad is majoring in Mech.E. at Rensselaer Polytechnic Institute. He was men's soccer captain and named to the ESPN The Magazine's Academic All-District team two years running. He plans to go for a master's in a co-terminal program or graduate school, to be prepared when the time comes to enter the professional world.

Mary A. Rougeau, Alfred Scholar No. 6
Mary is working on a bachelor's in biomedical engineering at Mississippi State University. She plans to pursue a master's. After that, she is interested in working for the Department of Defense. One of her professors has been researching how explosions affect tissue. Work on this would combine biology with helping others.

Marina L. Critchett, Mitchell Sch. No. 2
Marina is majoring in geological engineering at University of California, Berkeley. She has been interning with a company that works on energy research and mentoring students.

K.M. Kirievič, Spirit of Apollo Sch. No. 2
Krista is an aerospace engineering major at the University of Cincinnati, where she ranked first in her group. She has been on co-op rotations at GE Aviation and plans to use one this summer to make a head-start on her master's research. She has yet to decide if she will go for a Ph.D. or enter the aerospace industry.

Christopher M. Boyd, Record Sch. No. 590
Christopher is studying chemical engineering and mathematics at the University of South Carolina, where he is TBD President. He has also been researching hydrogen storage systems for clean alternative energy. His eventual goal is a graduate degree and to work as a professor, continuing research and mentoring students.

Jacob W. Wagner, Curtis Scholar No. 4
Jacob is a polymer science and engineering major at Case Western Reserve University, where he is also taking a double major B.A. in chemistry and physics. Graduate study plans focus on polymer or materials science for a Ph.D. He enjoys predicting or explaining phenomena from a fundamental, theoretical, or mechanistic point.

Clayten N. Greenwell, Baker Schol. No. 1
Clay is a civil engineering major at the University of Kentucky, where he has a 4.0 G.P.A. He plans to progress to graduate school with a focus on structures for his master's degree. Then he hopes to either start work with an engineering/consulting firm or possibly pursue a Ph.D. in the structures field.

Colleen M. Courtney, Anonymous Sch. No. 5
Colleen is majoring in chemical engineering at the University of Maryland, Baltimore County, where she will be TBD President. She plans to continue her studies towards a Ph.D. in either tissue engineering or drug delivery. She believes these fields will change the way medicine is performed and diseases cured in the future.

Marina L. Critchett, Mitchell Sch. No. 2
Marina is majoring in geological engineering at University of California, Berkeley. She has been interning with an engineering/consulting firm or possibly pursue a Ph.D. in the structures field.

Forge Scholar No. 1
The first Forge Scholar relinquished the award & will begin graduate school in the Fall on a dual-degree program.

Christopher R. Aberger, Record No. 587
Christopher is studying computer engineering at the University of Wisconsin-Madison. He plans to tour several graduate schools to decide where to apply, and hopes to pursue a Ph.D., specializing in embedded systems design. Whatever he ends up after college, he wants to remain active with the Salvation Army.

M. Areeb A.M.A. Khatib, Record No. 588
Areeb is majoring in electrical engineering and mathematics at the University of Wisconsin-Milwaukee, where he ranks first in his E.E. group. His next step is to pursue a master's in English, due to his interest in literature. A Ph.D. in solid state physics, working in the growing field of photonics, is in his future plans.

Paul B. Bonifas, Record Scholar No. 589
Paul is a chemical engineering major at the University of Wyoming, where he ranks first in his group. He may decide to graduate school for a master's or take his skills into the work force. He believes he would thrive as an expatriate in remote locations, possibly in the petroleum industry.

Justin R. Davis, Mentor Scholar No. 8
Justin is an E.E. major at Christian Brothers University, where he ranks first in his group with a 4.0 G.P.A. Service as a peer tutor has included helping incoming freshmen with chemistry and calculus. He was planning a summer internship to gain experience towards potential graduate studies.

Claude S. Bridges IV, Lindeburg Sch. No. 3
Claude is taking a dual-major bachelor's in industrial and systems engineering, and mathematics at the University of Alabama-Huntsville. He was first in his class and group with a 4.0 G.P.A. He plans graduate studies, and is currently fascinated by the integration of industrial engineering into health systems.

Marina L. Critchett, Mitchell Sch. No. 2
Marina is majoring in geological engineering at University of California, Berkeley. She has been interning with a company that works on energy research and mentoring students.

K.M. Kirievič, Spirit of Apollo Sch. No. 2
Krista is an aerospace engineering major at the University of Cincinnati, where she ranked first in her group. She has been on co-op rotations at GE Aviation and plans to use one this summer to make a head-start on her master's research. She has yet to decide if she will go for a Ph.D. or enter the aerospace industry.

Jacob W. Wagner, Curtis Scholar No. 4
Jacob is a polymer science and engineering major at Case Western Reserve University, where he is also taking a double major B.A. in chemistry and physics. Graduate study plans focus on polymer or materials science for a Ph.D. He enjoys predicting or explaining phenomena from a fundamental, theoretical, or mechanistic point.
Jennifer R. Brannan, Record Sch. No. 591
Jennifer is a civil engineering undergraduate at the University of Portland. She plans to focus on water resources and wastewater treatment to improve world health. On graduation, she aims to work for a year or two with an engineering firm, before expanding her expertise with graduate school study and research.

Jordan T. Brimley, Record Sch. No. 592
Jordan is a mechanical and aerospace engineering major at Utah State University. He plans to enter a master’s program after graduation and gain a deeper foundation in research. Upon entering the workforce as a skilled engineer, he hopes to make valuable contributions to the global technical community.

Matt is a bioengineering and biotechnology major at University of California, San Diego. He is researching heart disease and looking at ways to prevent blood clotting after surgery with artificial blood vessels and grafts. After graduate school, he would like to become a bioengineering professor.

Taylor M. Brownlee, Record No. 593
Taylor is a Ch.E. undergraduate at the Arizona State University, with a 4.0 G.P.A. She is proud to be a woman engineer in these exciting times of science, and plans to improve the environment by researching removal of pollutants from the upper atmosphere. She is starting joint bachelor’s and master’s studies.

Dillon D. Carroll, Record Sch. No. 597
Dillon is an engineering physics major at the University of Oklahoma. He is spending the next academic year in Spain, studying at the Polytechnic University of Valencia. He sees clean water as vital for much of the world, and wants to help improve the lives of people who are not born with the same advantages as Americans.

Nicole M. Campbell, Record Sch. No. 596
Nicole is majoring in civil engineering at South Dakota State University. After graduation, she plans to intern as a structural engineer and then go on to graduate school. Her focus will be on designing bridges and buildings, possibly with an emphasis on designing earthquake resistant structures.

Thomas A. Chew, Record Sch. No. 598
Thomas is a bioengineering and economics undergraduate at the University of California, San Diego. He is researching heart disease and looking at ways to prevent blood clotting after surgery with artificial blood vessels and grafts. After graduate school, he would like to become a bioengineering professor.

Taylor is a Ch.E. undergraduate at the Arizona State University, where she is an engineering student. Her plan is to go on for a master’s with a focus on biomedical device design, which would prepare her for a job in industry. Her aim is to either help cure diseases and illnesses, or to help individuals survive them.

Ryan L. Clark, Record Sch. No. 599
Ryan is majoring in chemical engineering at Ohio State University. After graduation, he plans to start working towards a doctorate in chemical engineering, and wants to research alternative energy. He is already researching catalytic reduction of nitrogen oxides. He is active in Engineers Without Borders.

Amy L. Burt, Record No. 594
Amy is majoring in mining engineering at West Virginia University, where she ranks first in her class and group with a 4.0 G.P.A. She plans to take the F.E. exam, joining a coal company as an engineer specializing in environmental issues. This would help to maintain the supply of energy for rural America.

Daniel J. Cunningham, Record No. 600
Daniel is majoring in biomedical engineering physics at North Carolina State University, where he ranks first in his class and group with a 4.0 G.P.A. He plans to go to medical school and become an M.D. specializing in orthopedic surgery. His more distant goal is to serve as a liaison between clinic and laboratory.

Nathan T. Dick, Record Sch. No. 606
Nathan is an electrical engineering and mathematics major at Western Kentucky University. He has not yet decided which major he will follow at graduate school. An engineering focus might be on alternative energy, while mathematical studies could concentrate on differential equations, which relate to engineers.

Abigail L. Dodson, Record Sch. No. 608
Abigail is an engineering science major at Pennsylvania State University, where she is a National Merit scholar. She has been researching in sedimentology and erosion due to construction. She plans to go on for a master’s in environmental engineering, then join an engineering firm specializing in watersheds and soil erosion.

Dillon is an engineering physics major at the University of Oklahoma. He is spending the next academic year in Spain, studying at the Polytechnic University of Valencia. He sees clean water as vital for much of the world, and wants to help improve the lives of people who are not born with the same advantages as Americans.

Christina E. Darling, Record No. 602
Christina is majoring in biosystems engineering at Clemson University, where she is a TBI National Science Foundation–funded graduate student. She has been researching in sedimentology and erosion due to construction. She plans to go on for a master’s in environmental engineering, then join an engineering firm specializing in watersheds and soil erosion.

Arnold D. Deffo Nde, Record Sch. No. 604
Arnold is an aerospace engineering and mathematics student at Wichita State University. He ranks top of his class and A.E. group with a 4.0 G.P.A. He plans to go on for a master’s in aerospace engineering, and due to a dual/fast track program at Wichita State may also be able to earn a master’s in mathematics.

Jennifer r. Brannan
Jennifer is a civil engineering undergraduate at the University of Portland. She plans to focus on water resources and wastewater treatment to improve world health. On graduation, she aims to work for a year or two with an engineering firm, before expanding her expertise with graduate school study and research.

Kyle is studying for a bachelor's in materials science and engineering at Michigan Technological University. He is researching a machine for experimental observation of the casting process. His plans include starting graduate school or joining a cutting-edge materials development company.

Armando is majoring in chemical engineering at the University of the Pacific, where he ranked first in his group and is T.B.I. President. He wants to be a successful civil engineer, which will give him a chance to help other people, and to design big structures which could become icons. He also wants to inspire other students.

Abigail L. Dodson
Abigail is an engineering science major at Pennsylvania State University, where she is a National Merit scholar. She has been researching in sedimentology and erosion due to construction. She plans to go on for a master’s in environmental engineering, then join an engineering firm specializing in watersheds and soil erosion.
Chad W. Drake, Record Scholar No. 609
Chad is majoring in civil engineering at Washington State University. He plans to go on for a master's. His interests are focused on natural resources, agriculture, and environmental restoration. He is looking at subjects like water resources and environmental disciplines to prepare him for the professional world.

Joshua C. Duncan, Record Schol. No. 610
Josh is a chemical engineering major at Brigham Young University, where he ranks top of his class and group with a 4.0 G.P.A. Graduate school plans are focused on areas like alternative, or more efficient, fuels and energy. He believes work and research experience are essential to prepare for future opportunities.

Matthew T. Durak, Record Schol. No. 611
Matt is a computer engineering major at Michigan State University, ranking top of his class and group with a 4.0 G.P.A. He has been researching data and algorithms to help groups like emergency responders prepare for disasters with elements like evacuation plans. He plans to join a software company and work on his master's.

Travis J. Engle, Record Scholar No. 612
Travis is a civil engineering major at Colorado State University. He wants to become an engineer working on the biggest, best, and most difficult structures. He has been interning in geotechnical engineering and materials testing, as well as water resources. He is networking and contacting graduate school professors.

Muhammad Z. Feroz, Record Schol. No. 613
Muhammad is majoring in aerospace and mechanical engineering at the Illinois Institute of Technology, where he has a 4.0 G.P.A. His first priority at graduate school will be an engineering master's, and the second will be to work towards an M.B.A. He plans to become an engineer who is involved in economic realities.

Kevin B. Fisher, Record Scholar No. 614
Kevin is a chemical engineering major at Clarkson University. He is interning as a corrosion electrochemist this summer and hopes this will confirm his desire to work in that field. He plans to go on for a master's and sees materials engineering as an increasingly important field with wide-ranging applications.

Ryan M. Foshage, Record Scholar No. 615
Ryan is majoring in engineering management at the Missouri University of Science and Technology, where he was top of his class and group with a 4.0 G.P.A. He is doing an internship in the summer in a supply chain internship. After graduation, he hopes to join a company program and start climbing the corporate ladder.

Cameron M. Frederick, Record Sch. No. 616
Cameron is a bioengineering major at Washington State University, where he ranked top of his group. He is applying for medical school and believes his bioengineering background will help him solve medical problems. He is also majoring in Spanish and wants to help improve the quality of health care in Latin America.

David R. Quinta, Record Scholar No. 621
David is majoring in chemical engineering at the University of Missouri-Columbia, where he ranks first in his group. He plans to graduate and join a company making more convenient, while working towards an M.B.A. He also hopes to donate towards an engineering scholarship at his school.

Julia M. Gayner, Record Scholar No. 617
Julia is an E.E. major at the New Jersey Institute of Technology, where she is ranked top of her class and group with a 4.0 G.P.A. Earlier, she graduated from Swarthmore College with a literature major. She is already planning a start on her engineering Ph.D. and would eventually like to teach at a research university.

Cassius J. Hartl, Record Scholar No. 623
Cassius is a mechanical engineering major at the University of North Dakota. After graduating, he plans to work to pay off undergraduate college debt, before starting to take courses towards an advanced degree. He is getting married this year and will continue to work hard and perform well academically.

Andrew J. Geck, Record Scholar No. 618
Andrew is an electrical engineering major at Colorado State University, where he ranked top of his class and group with a 4.0 G.P.A. If he does not go on for a master's, he hopes to finding a job in clean energy technology. He worked as a journeymen electrician for some years before university, and is a married homeowner.

Ryan M. Hunarakis, Record Scholar No. 624
Ryan is a computer engineering major at California Polytechnic State University. He enjoys tutoring and believes knowledge has more value when shared. Internships have included Facebook and Microsoft. Whatever company he joins after graduation, he hopes to help simplify the complicated for everyone.

Lauren A. Gianino, Record Schol. No. 619
Lauren is majoring in chemical engineering at Northeastern University. She plans to go on for a master's, either for an M.B.A. on the Harvard two years of work—two years of study program, or at an engineering graduate school. This would be focused on manufacturing in biotechnology to prepare for entering the work force.

Chad A. Hunter, Record Scholar No. 625
Chad is majoring in chemical engineering at the University of Rochester. He hopes to stay there for a fifth year and complete coursework for his master's. He would then go on for a Ph.D., for which he plans to study fuel cell engineering. He believes Ch.E. is the perfect fit for him, planning to research and teach at university level.

Mary B. Givens, Record Scholar No. 620
Mary is a chemical engineering major at Louisiana Tech University, where she ranks first in her group. After graduation, she hopes to get a job offer from a well-established engineering company and start climbing the corporate ladder. She would also like to marry and start a family as success in both areas is important to her.

Janese J. Jackson, Record Scholar No. 626
Janese is a chemical and mechanical engineering major at Kettering University, where she is TFR President. She plans to pursue higher education by going on to graduate school, working towards a Ph.D., and study medicinal chemistry. She also intends to take the E.E. exam on her way to becoming a Professional Engineer.
B.D. Jakub-Wood, Record Scholar No. 628
Dela is a mechanical engineering major at Louisiana Tech University, where she ranks top of her class and group with a 4.0 G.P.A. She plans to finish her bachelor’s and work for an engineering company to experience real life challenges. After that, she will go back to school for a master’s, with a focus on renewable energy.

Nicholas C. Kitsos, Record Schol. No. 624
Nick is an electrical and computer engineering major at the University of Louisville. He plans to pursue a master’s and find a stable, interesting job working with a group of engineers using science and mathematics to solve complicated problems. He wants to be involved in the coming revolution in electricity transmission.

Anthony T. Kulesa, Record Schol. No. 635
Tony is a civil engineering major at the South Dakota School of Mines and Technology and plans to go on for a master’s there. He will be carrying out undergraduate research into fiber reinforced composite materials, which could include insulation for spacecraft. He plans to take his expertise into industry.

Patrick D. Loftus, Record Schol. No. 641
Patrick is a bioengineering major at the University of Oklahoma. He plans to be accepted into a Ph.D. biomedical engineering program, with an emphasis on biomolecular engineering and its contribution to global and public health. His ultimate goal is to become an independent researcher and teacher.

Alisha A. Kasam, Record Schol. 631
Alisha is majoring in mechanical engineering at the Georgia Institute of Technology. She is spending the Spring 2012 semester at BMW’s world headquarters in Munich, joining the team on first phases of a new model. She is considering a master’s for a research career or law school to be an intellectual property attorney.

Christopher P. Lewis, Record Sch. 637
Chris is majoring in computer science at the University of Portland, where he ranks top of his class and group with a 4.0 G.P.A. He hopes to attend graduate school, although he may have to join the work force to finance this. He has been interning and believes this may lead to a position as a web application developer.

Andrés H. López-Pineda, Record Sc. 643
“Beto” is majoring in computer science and mathematics at the Massachusetts Institute of Technology, where he is on a five-year master of engineering program and has a 5.0/5.0 G.P.A. He plans to stay at MIT to complete his master’s. He is concentrating on graphics and human interface design, as well as computer science.

Stephen J. Kilber, Record Sch. No. 632
Stephen is a civil engineering major at the South Dakota School of Mines and Technology, where he has a 4.0 G.P.A. He planned to intern at a structural engineering company this summer, find undergraduate research opportunities, graduate, and then go on for a master’s in structural engineering.

Chan-Yi Liao, Record Scholar No. 638
Chan-Yi is a mechanical engineering major at the Virginia Military Institute. Senior year plans are centered on aerospace and a mathematics minor. After graduating, he will return to his home of Taiwan and an air force commission for at least three years. His future plans include graduate school studies on aerospace.

Ronald T. Luu, Record Scholar No. 644
Ronald is a biomedical engineering major at the University of California, Irvine. His ultimate goal is medical school, so he can use medicine as an application for his engineering background. He wants to improve biomedical devices to make surgery as safe as possible. He is working on a medical program for the homeless.
Andrew D. Matsumoto, Record Sch. No. 645
Andrew is majoring in civil engineering at Gonzaga University where he ranks top in his group and is TBPI President-elect. Plans include working on a doctorate in nuclear engineering, focusing his graduate research on dealing with waste. He also plans a master's in public policy and wants to help develop U.S. energy plans.

Paula A. Miller, Record Scholar No. 646
Paula is a civil engineering major at Colorado State University. She plans graduate school studies in architecture, seeking to inspire people with bridges and buildings, and how they mesh with the atmosphere of the location. She wants to create structures that will last in the environment and be intriguing to the eye.

Faizan H. Naqvi, Record Sch. No. 650
Faizan is an electrical engineering major at the New Jersey Institute of Technology. He plans to conduct postgraduate solar research while obtaining a doctorate, while remaining an active community member. He aspires to use technology like electromagnetic sensing to decipher the sun's geomagnetic characteristics.

Yichao Pan, Record Scholar No. 654
Yichao is a mechanical engineering major at the University of Notre Dame, where he is TBPI President. He may go on to a job with a global company and would also like to obtain an engineering mastery or an M.B.A., or even a Ph.D. He is interested in changing energy sources for transportation, from mineral to cleaner fuels.

Matthew F. Pawlicki, Record Sch. No. 656
Matthew is a mechanical engineering and mathematics major at Michigan State University. He will be applying to graduate programs in aerospace engineering, as well as seeking employment in the same field. He will also be preparing to be a P.E. and intends to eventually achieve an aerospace doctorate.

Kristen M. Perano, Record Sch. No. 657
Kristen is majoring in biological systems engineering at the University of California, Davis, where she ranked top of her class and group with a 4.0 G.P.A. She plans graduate studies in biological and agricultural engineering, seeking to improve the sustainability of modern farming. She also helps to run the family ranch.

Dan is a biomedical engineering major at the University of Rochester. Partnering with two orthopedic surgeons and other students, his research related to the mechanical integrity of bone will soon be published. He plans to pursue a career in functional tissue engineering as a professor with his own research laboratory.

Faizan is an electrical engineering major at the New Jersey Institute of Technology. He plans to conduct postgraduate solar research while obtaining a doctorate, while remaining an active community member. He aspires to use technology like electromagnetic sensing to decipher the sun's geomagnetic characteristics.

Yichao Pan, Record Scholar No. 654
Yichao is a mechanical engineering major at the University of Notre Dame, where he is TBPI President. He may go on to a job with a global company and would also like to obtain an engineering mastery or an M.B.A., or even a Ph.D. He is interested in changing energy sources for transportation, from mineral to cleaner fuels.

Matthew F. Pawlicki, Record Sch. No. 656
Matthew is a mechanical engineering and mathematics major at Michigan State University. He will be applying to graduate programs in aerospace engineering, as well as seeking employment in the same field. He will also be preparing to be a P.E. and intends to eventually achieve an aerospace doctorate.

Kristen M. Perano, Record Sch. No. 657
Kristen is majoring in biological systems engineering at the University of California, Davis, where she ranked top of her class and group with a 4.0 G.P.A. She plans graduate studies in biological and agricultural engineering, seeking to improve the sustainability of modern farming. She also helps to run the family ranch.

Andrew D. Matsumoto, Record Sch. No. 645
Andrew is majoring in civil engineering at Gonzaga University where he ranks top in his group and is TBPI President-elect. Plans include working on a doctorate in nuclear engineering, focusing his graduate research on dealing with waste. He also plans a master's in public policy and wants to help develop U.S. energy plans.

Paula A. Miller, Record Scholar No. 646
Paula is a civil engineering major at Colorado State University. She plans graduate school studies in architecture, seeking to inspire people with bridges and buildings, and how they mesh with the atmosphere of the location. She wants to create structures that will last in the environment and be intriguing to the eye.
Karthik R. Sangaiah, Record Sch. No. 663
Karthik is majoring in computer engineering at Drexel University where he will graduate with B.S. and M.S. degrees. He plans to continue research related to hardware architecture design. He has worked as a co-op for Lockheed Martin the past three years and hopes to work in the defense field after graduation.

Danielle M. Scarpone, Record Sch. No. 664
Danielle is an electrical engineering major at Cedarville University. She has been involved with two robotics competitions, including one in which an autonomous lawnmower was designed. She is interested in the topics of signal processing and imaging and her career goals include research and teaching.

K.H. Sollahemmedige, Record Sch. No. 665
Kushi is a mechanical engineering major at Worcester Polytechnic Institute. Her future plans include working in R&D or product development before attending graduate school. She enjoys volunteering as a STEM Ambassador and with other local service groups. She also a member of the orchestra and string ensemble.

Lauren M. Sheehy, Record Sch. No. 666
Lauren is a bioengineering major at the University of Illinois at Urbana-Champaign. She plans to pursue her M.D. and Ph.D. degrees as a medical researcher. Her current area of interest is cell and tissue engineering. She will be working on a project to develop bandages that promote healing after surgical procedures.

Brian K. Streng, Record Scholar No. 671
Brian is a computer engineering major at the University of Nevada, Reno, where he is first in his class with a 4.0 G.P.A. His interests include physics, business administration, and aeronautics. He plans to continue working as an intern for the Sierra Nevada Corporation. He has a dream to become a military pilot.

Justin H. Walton, Record Scholar No. 678
Justin is a civil engineering major at the University of South Alabama, where he ranks top in his class with a 4.0 G.P.A. He has joined a research team studying methods to mitigate beach erosion. His future goals include graduate school and continued involvement in community service activities.

Natascha M. Trellinger, Record Sch. No. 676
Natascha is a dual degree candidate in aerospace engineering and math at Syracuse University. She is a peer facilitator as part of academic excellence workshops on campus. She will intern this summer with United Launch Alliance. Her future plans include advance degrees and a career as an engineering professor.

Marilyn F. Slininger, Record Sch. No. 669
Mary is majoring in chemical engineering at Purdue University. This summer, she will study abroad in Australia focusing on alternative energies such as biofuels. Her interest in biological engineering will be the focus of her Ph.D. research. She plans on a career as a research scientist.

Kyle A. Steiner, Record Scholar No. 670
Kyle will graduate with B.S. degrees in E.E. and mechanical engineering from the University of Florida. He will continue his summer work at Raytheon. His plans for the future include the design of robotics, a Ph.D., and continued proficiency with the trombone in the university orchestra.

Karthik R. Sangaiah, Record Sch. No. 663
Karthik is majoring in computer engineering at Drexel University where he will graduate with B.S. and M.S. degrees. He plans to continue research related to hardware architecture design. He has worked as a co-op for Lockheed Martin the past three years and hopes to work in the defense field after graduation.

Maria S. Sylte, Record Scholar No. 674
Maria is double majoring in mechanical engineering and music at the University of Texas at Austin. She will continue her internship with ConocoPhillips this summer in Alaska. Her plans are to experience a well-rounded education and to work in the oil and gas industry as a project manager.

Xuntuo Wang, Record Scholar No. 679
Nelson is majoring in electrical engineering at Kettering University where he is a research assistant focusing on power electronics. He is a member of several honor societies and enjoys volunteering for public service activities. His goals include attending graduate school and becoming a leader in the engineering field.

Austin D. Weidner, Record Sch. No. 680
Austin is a civil and environmental engineering major at Lafayette College. He is active in community service and plays the saxophone in the college pep band. He plans to pursue a master's degree. His career goals are to work on designing efficient systems related to water quality and urban infrastructure.
Gregory A. Weissmann, Record Sch. No. 681
Greg is majoring in civil engineering at the University of the Pacific where he will also receive a master’s degree. He is an active volunteer in academic competitions that encourage STEM disciplines. He interned for Preston Pipelines and then continued on as a part-time employee. His career interests are focused on structural and water resources engineering.

Brock D. Wiberg, Record Sch. No. 682
Brock is a mechanical engineering major at Utah State University. He has worked with the Idaho National Laboratory on several research projects. His plans are to pursue a master’s degree in aerospace engineering. He is an active member of several campus organizations and enjoys volunteer work.

Kevin V. Andreassi, Stabile Sch. No. 130
Kevin is majoring in mechanical engineering at Michigan State University where he will also receive his master’s degree in the same field and a B.S. in Spanish. In addition, he will be the President of the TBI chapter for the next two semesters. He has been a laboratory assistant in the field of biomass conversion and is interested in nanotechnology.

Travis M. Cochrum, Stabile Sch. No. 136
Travis is a mechanical engineering undergraduate at the University of Florida, where he has been active in Campus Crusade for Christ. He wants to go overseas after graduation to help other sufferers and their doctors.

Matthew A. Williams, Record Sch. No. 685
Matthew is majoring in aerospace engineering at the University of Kansas where he is top of his class with a 4.6 G.P.A. He is project leader of a sanitation project in Bolivia. His future plans are to compete in an aircraft design competition, pursue graduate degrees, and to attain an internship in the energy sector.

Douglas A. Colbert, Stabile Sch. No. 137
Douglas is a mechanical engineering major at the South Dakota School of Mines and Technology, where he is top of his class and group with a 4.0 G.P.A. He will be pursuing a master’s and is considering wind energy for the subject. He then plans to join a company in the energy sector that maintains a high code of conduct.

Tyler C. Wible, Record Scholar No. 683
Tyler is a civil engineering major at Colorado State University, where he ranks first in his class with a 4.0 G.P.A. He has been working as a research assistant related to his interest in water systems. His career plans include working locally for reservoir systems and water allocation projects.

K.L. Appleheimer, Stabile Scholar No. 131
Kendra is a mechanical engineering major at Stevens Institute of Technology. She has been a four-year varsity tennis player and will also graduate with a M.S. degree in engineering management. She enjoys participating in the Macy’s Day Parade inflation and vehicle management team and is eager to join the work force.

Christian P. De Prins, Stabile Sch. No. 138
Christian is an electrical engineering major at the University of Louisiana-Lafayette, where he ranks first in his E.E. group. On obtaining his B.S., he will start graduate studies aimed at earning a doctorate in electrical engineering. He plans to concentrate on subjects like robotics and control systems.

William R. Wilkins, Record Sch. No. 684
William is a chemical engineering major at Rowan University. In the summer, he interned at PSEG’s nuclear plant. He is a regular participant in activities and community service with AIChE. His future plans include pursuing advanced degrees, joining the work force, and becoming a licensed professional engineer.

Paul D. Bartholomew, Stabile Sch. No. 132
Paul is an electrical engineering undergraduate at Brigham Young University. After graduation, he plans to obtain employment as an engineer before enrolling in graduate school. This would give him real-world experience in designing analog and digital circuits. He would like to study signal processing and programming.

Dylan J. Fitzpatrick, Stabile Sch. No. 139
Dylan is a mechanical engineering major at the University of Florida. He plans to go on for a master’s in biomedical engineering. He would like to help devise treatment for hydrocephalus, from which he suffers. He believes he has been lucky to achieve what he has, and would like to help other sufferers and their doctors.

Sydney L. Berry, Stabile Sch. No. 133
Sydney is majoring in mechanical engineering at Kettering University. She plans to go on to graduate school for an M.B.A. in order to diversify her talents for a future management position. She also expects to continue gaining valuable co-op experience at General Motors, eventually obtaining a full-time job there.

Luke T. Fredette, Stabile Sch. No. 140
Luke is majoring in mechanical engineering at Cedarville University. He plans to pursue graduate studies in the field of vibrations and prepare himself for a career in teaching at university level. He has already become deeply involved in tutoring, both paid and unpaid, and this has been his largest campus involvement.

Matthew A. Williams, Record Sch. No. 685
Matthew is majoring in aerospace engineering at the University of Kansas where he is top of his class with a 4.6 G.P.A. He is project leader of a sanitation project in Bolivia. His future plans are to compete in an aircraft design competition, pursue graduate degrees, and to attain an internship in the energy sector.

Vahagn F. Yeranosssian, Record Sch. No. 686
Vahagn is a chemical engineering undergraduate at Case Western Reserve University, where he is TBI chapter President. His plans include research in the field of biosensors, an internship at Lawrence Berkeley National Laboratory, and the pursuit of a Ph.D. in electrochemical engineering. His research interests are in photovoltaics and battery improvement.

Dylan R. Bosworth, Stabile Sch. No. 135
Dylan is a mechanical engineering major at California State University,Sacramento. He aims to take the E.I.T. exam, then enter industry. He is interested in materials science, and hopes to take this to a master’s at some time in the future. His career plans also include being able to do some mechanical design work.

Christopher T. Gergley, Stabile Sch. No. 141
Chris is a mechanical engineering undergraduate at San Diego State University, with a 4.0 G.P.A. He plans to earn a master’s, hopefully going on for a Ph.D. and even an M.B.A. He interns with a biomedical company and would like to make his career designing equipment with a similar organization.
Karin E. Hanson, Stabile Scholar No. 142
Karin is majoring in mechanical engineering and Spanish at South Dakota State University where she ranked first in her class and group with a 4.0 G.P.A. She planned to intern this summer as an engineer in the entertainment industry, seeking to be part of the “magic” of animatronics and theme park rides.

George R. Kelly, Stabile Scholar No. 143
George is a mechanical and electrical engineering major at Kettering University, where he ranked top of his class and M.E. group with a 4.0 G.P.A. He hopes his thesis project will open doors after graduation. This could lead to a job with a Detroit automotive company, or he could decide to pursue an M.B.A.

John M. Madura, Stabile Scholar No. 145
John is a mechanical engineering major at the Worcester Polytechnic Institute. He plans to study for a master’s. His goal is to achieve a doctorate and be a professor. He also hopes to continue achieving in rowing and ski racing. The effect on turning radius for ski racers is a research topic for him to help reduce injuries.

Kaitlyn F. Mallett, Stabile Scholar No. 156
Kaitlyn is a mechanical engineering and engineering mathematics major at the University of Michigan-Dearborn, where she has a 4.0 G.P.A. She is serving her second term as TBΠ President. She hopes to pursue a master’s and possibly a doctorate. A research project has given her insight into researching and modeling.

Daniel J. Preston, Stabile Scholar No. 150
Dan is majoring in mechanical engineering at the University of Alabama where he ranks first in his class with a 4.0 G.P.A. This summer, his work on a unique capacitive sensor design should be patented. His future plans include pursuing a Ph.D., continuing his research, and a future in academia.

Michael J. Schroepfer, Stabile Scholar No. 151
Michael is a mechanical engineering major at South Dakota State University. He ranks first in his class with a 4.0 G.P.A. He plans to work in the power generation industry focusing on sustainable energy systems. His future interests include teaching K-12 math and science, and providing electricity to struggling nations.

Lee Ann Monaghan, Stabile Scholar No. 148
Lee Ann is a mechanical engineering undergraduate at the University of Illinois at Urbana-Champaign. She plans to pursue a master’s in biomechanics, continuing her research on the design of devices to help people with limited mobility. She has also been working on a gear-shifting system for manual wheelchairs.

Mary V. Sewall, Stabile Scholar No. 152
Ginny is majoring in industrial & systems engineering at Mississippi State University, where she ranks first in her class. She has been a summer intern with Northrop Grumman-Pascagoula, and is involved with numerous campus organizations. She plans to pursue employment in an international engineering environment.

Joseph A. Lohkamp, Stabile Sch. No. 144
Joe is a mechanical engineering major at Kansas State University, where he is top of his class and group with a 4.0 G.P.A. He sees problems with the nation’s infrastructure and hopes to make a career putting that right. So one of his options is to stay at Kansas State and work towards a second degree in civil engineering.

Ryan R. Meganck, Stabile Sch. No. 147
Ryan is majoring in electrical and mechanical engineering at Lawrence Technological University, where he ranks first in his class and group. He plans graduate studies. His personal goal is to improve the quality and sustainability of life, and to apply engineering to benefit both employers and users of the resulting products.

Catherine R. Pfeifer, Stabile Sch. No. 159
Katie is majoring in mechanical engineering at the University of Nebraska. She may go into the aerospace industry after graduating and wants to use her degree to make a difference in people’s lives. She will apply her knowledge to real world situations in order to have a successful, challenging and rewarding career.