The Fellowship Board announced the selection of 234 TBPI scholars from 428 applicants for the 2009-10 academic year. Scholarships of $2,000 are awarded 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. This 11th group brings the total to 858 Scholars. Additional bios are posted on www.tbp.org.

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

**The 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 Dodson Scholarships** are sponsored by Charles R. Dodson, MD B’36, who made a generous gift to TBPI in 1998.

**The Alford Scholarship** is named for A. Clayton Scribner, NY A ’39, whose 2003 bequest endows the award.

**The Fluor Foundation** made a gift in 2009 to sponsor the ninth Fluor Scholarship.


**The Althouse Scholarship** is named for E.E. Althouse, ’47, whose gift in 1999 endowed the award.

**The Schlinger Scholarship** is named for John P. Schlinger, MI A ’43, who left a bequest to the Society in 2008.

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

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

**The Bose Foundation** funds the third Bose Scholarship.

**The Curtis Scholarship** is named for F.A. Curtis, OH A ’41, who left a bequest to the Association in 2007.

**The Bechtel Scholarship** is named for 2008 Distinguished Alumnus—Stephen D. Bechtel Jr., P.E., IN A ’46.

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

**The Liggett Scholarship** is named for John A. Liggett, MI A ’43, who left a bequest to the Society in 2008.

**The Schlinger Scholarship** is named for 2008 Distinguished Alumnus—Dr. Warren G. Schlinger, CA B’44.

**The Shimp Scholarship** is named for Joseph W. Shimp Jr., PA ’30, by his sons, Dave, Rob, and Steven, OH G ’73.

Brandon J. DeKosky, Nagel Scholar No. 32

Brandon is in the chemical engineering program at the University of Kansas, where he is first in his junior class with a 4.0 G.P.A. He is working toward obtaining a faculty position in chemical or biomedical engineering at a major teaching or research university. He plans to continue tissue engineering work on campus aimed at developing a biodegradable cartilage implant.

Toni D. Whitfield, Nagel Scholar No. 33

Toni is majoring in civil engineering at Southern Illinois University, where she ranked first in her junior class with a 4.0 G.P.A. She plans to graduate with degrees in both C.E. and mathematics and is interning with the Illinois Department of Transportation. A member of AAA and SWE and an all-conference track and field athlete, she seeks to expand her character by taking part in all life has to offer.

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Brennan J. Barker, *Dodson Sch. No. 32*
Brennan is an aerospace engineering major at the University of Southern California, where he is TBI Corresponding Secretary. He is interning as an analyst at the Central Intelligence Agency, where he plans to hone his engineering skills in a professional setting and where he hopes to make his career. He is also a leader in the rugby club.

Jonathan A. Bollinger, *Dodson Sch. No. 33*
Jonathan is a chemical and biochemical engineering major at the University of Maryland, Baltimore County. Vice president of the UMBC Cleftomaniacs, co-ed capella group, he will continue research into algal biodiesel production and plans to pursue a Ph.D. with research focus on sustainable energy and to help redevelop inner cities.

Joseph F. Patz, *Dodson Sch. No. 24*
Joseph is majoring in petroleum engineering at the University of Alaska Fairbanks. Having interned with the state of Alaska, he plans a career in the development of energy resources. A campus tutor and President of the TBI Alaska Alpha Chapter, he is eager to tackle obstacles of environmentally conscious energy production.

A. Juliane Von Pichl, *Dodson Sch. No. 35*
Juliane is majoring in petroleum engineering at Colorado School of Mines. She interns at Newfield Exploration Company supporting drilling engineers. She played for two years on the varsity softball team and is active in AADE and SPE. She will minor in chemistry and is eager to start her engineering career.

Angela M. Boeck, *Campbell Sch. No. 22*
A structural engineering major at Iowa State University, Angie is making plans to work this summer with a structural firm. She plans to make her career with a prestigious firm after graduating with a bachelor of science degree and then take the professional engineer examination when she has the necessary work experience.

A.J. Spatholt, *Elon & Peter Soderberg No. 13*
Alexzandra is a biomedical engineering major at the University of Cincinnati. She co-ogs at Procter & Gamble, has worked at Nike Inc., and is a college ambassador. With a passion for community service and a Big Sister mentor and fundraiser for several organizations, she plans to pursue advanced degrees with a focus in the field of nano-biosensing.

Brian P. Buckelew, *Scriber Sch. No. 10*
Brian is majoring in civil engineering at Polytechnic Institute of New York University. He plans on a graduate degree in urban systems engineering and management and works as an assistant project manager at E.W. Howell Contracting. President of the TBI NY Chapter, he hopes to improve it’s national image.

Casey M. Laush, *Scriber Sch. No. 11*
Casey is majoring in civil engineering at Clarkson University. She will pursue research and internship opportunities related to structural design and analysis. Captain of the varsity basketball team, she plans on a teaching assistant position and a career that allows for travel and improving structures in an environmentally friendly fashion.

Constantine Spanos, *Scriber Sch. No. 12*
Constantine is majoring in C.E. at City College of CUNY. He interns at the school’s transportation research center and performed research in the air quality lab. Active in campus organizations, Engineers Without Borders, and Chi Epsilon, he plans to pursue advanced degrees and research on modeling transportation networks and air quality.

Austin J. Klooster, *Ala. Power Co. No. 9*
Austin is a M.E. major at University of South Alabama, where he ranks first in his class. Heading for the petrochemical industry, he has already been a co-op design student working with heat exchangers at a refinery. He plans to work along the U.S. coasts and after a year of industrial experience to return to school for an M.B.A.

Ritchie A. Acosta, *Flloru Scholar No. 9*
Ritchie is a civil engineering major at Lamar University and has aspirations to work globally as a professional engineer. He is the founder of the Engineers Without Borders chapter at Lamar. A member of an EWB project in Belize, he will use his experiences as a leader to prepare for a career in construction.

Eric M. Anderson, *Winkler Sch. No. 9*
Eric is a bioengineering major at Arizona State University, where he has a 4.0 G.P.A. He is working toward degrees in biological sciences and medicinal biochemistry before graduate school. He plans to continue his clinical and translational research to help prepare for a future as a physician-researcher converting discoveries into patient care.

Margaret C. Tobin, *Winkler Sch. No. 10*
Margaret is an E.E. major at Arizona State University. She interned at PKMJ Technical Services, Inc., and will work with the Nuclear Regulatory Commission. A member of IEEE, SWE, and Eta Kappa Nu, she plans to pursue an M.B.A. and her lifelong dream of working in the nuclear power industry.

Jenna F. Borkenhagen, *GEICO Sch. No. 8*
Jenna is a biomedical engineering major at Washington University in St. Louis and is first in her class. She hopes to conduct scientific research that merges engineering with medicine. A member of the Washington Equestrian Team, she gained experience from an internship at the Mayo Clinic and is poised to better understand diseases that impact human lives.

Evan M. Cherry, *GEICO Sch. No. 9*
Evan is working on his B.S.Ch.E at Texas A&M University. His plan is to earn a M.D./Ph.D. from one of the NIH-accredited physician scientist programs to be able to develop pharmaceuticals and drug therapies. His plan is to avoid choosing between being a physician or a researcher and instead overlap both paths without boundaries.

Brittany N. Collins, *GEICO Sch. No. 10*
Brittany is working on a B.S.Ch.E. at the University of Dayton, where she has been TBI Corresponding Secretary. After a master’s, she would like to work in materials engineering research, possibly returning for a doctorate or M.B.A. Her main goal is to make a lifelong commitment to helping others, serving the community, and giving back.

Travis A. Ducheneaux, *GEICO Sch. No. 11*
Travis is working on his B.S.M.E. at South Dakota School of Mines and Technology, where he ranks first in his class and is TBI chapter President. An undergraduate research assistant for Air Force research laboratories on campus, he is on an unmanned aerial vehicle team, hoping to win an international competition. His plans include graduate school.
Robert W.G. Holley, GEICO Sch. No. 12
Bobby is working on a bachelor’s in computer systems engineering at Stanford University, where he has a 4.02 G.P.A. He has been a software intern at Mozilla and is spending the summer in Paris studying at the Institut Supérieur d’Electrocinétique before working on Firefox at Mozilla’s European headquarters in the city.

K.A. Lacksonen, Anonymous Sch. No. 3
Kirsten is majoring in engineering and management at Clarkson University. She will intern at General Electric. She is a leader in campus activities such as the Inter-University Christian Fellowship. Her concentration of studies is in global supply chain management, but her education has made her flexible within the engineering field.

P. Lendl Ruaya, GEICO Sch. No. 13
Lendl is majoring in chemical engineering at the University of Cincinnati. He has interned at Kraton Polymers US, LLC, at the butadiene facility. An active volunteer with Relay For Life, he enjoys running, weightlifting, and intramural sports. He plans to work as a process/project engineer focusing on innovation in the field.

Katherine B. Tepper, GEICO Sch. No. 14
Katherine is majoring in I.E. at the University of Missouri-Columbia, and ranks first in her class. She has interned at Hallmark Cards, Inc., is president of her chapters of SWE and SME, and plays the violin. She will pursue her M.B.A. with the goal of working in manufacturing field management.

Jeffrey R. Niswonger, Mentor Schol. No. 6
Jeffrey is an M.E. major at Oakland University. He has interned with General Motors at the Global Paint and Polymers Center. He enjoys intramural athletics, running, and has volunteered as an assistant football coach. He plans to pursue his master’s degree, and is interested in a career in the military defense field.

T. Cole Glass, Alford Scholar No. 4
Cole is working on a bachelor’s in C.E. at Mississippi State University, where he ranks second in his department. He wants to earn a master’s, either in engineering or business administration, and then make a career in bridge design. He decided this after interning with a bridge company last year, and he eventually seeks to have his own firm.

S. Lauren R. Kim, Kolff van Oosterwijk No. 1
Lauren is majoring in Ch.E. at the University of California, Berkeley. Her primary project involves design of a biodiesel plant. Working on extracting oil from algae and cellulose conversion as alternative fuel sources, she plans graduate school and then work in industry or research and development of renewable energy.

Lucas R. Zmroczek, Althouse Sch. No. 3
Lucas is an electrical and computer engineering major at Lafayette College. He has been accepted into a summer (NSF) Research Experience for Undergraduates. Lucas is in the concert band, is an Eagle Scout, and enjoys swimming. He plans to pursue his Ph.D. and further explore the possibility of working as a professional researcher.

Merav Nahoom, Liggett Scholar No. 1
Merav is majoring in computer engineering at Michigan State University. She has completed two internships; she was an officer in the Israeli Defense Forces, and has worked as a web developer. A leader in several campus organizations, including SWE andEta Kappa Nu, she plans to enter industry as a software engineer and pursue a master’s degree.

Karl V. Reisig, Shimp Scholar No. 1
Karl is a biomedical engineering major at Drexel University. He will graduate with his master’s, concentrating in tissue engineering and biomaterials. He worked co-op at SimPore, Inc., and as an undergraduate researcher in the Vascular Kinetics Laboratory. He plans to attend medical school to become a cardiologist.

Jonathan L. Slinkard, Schlinger Sch. No. 1
Jonathan is a petroleum and natural gas engineering major at West Virginia University. He interned at ABARTA Oil & Gas conducting surveys of gathering lines. Active on campus, he enjoys lacrosse and soccer intramurals. He has an internship with Chevron and will pursue a career in the petroleum industry.

S.L. O’Flaherty, Spirit of Apollo Sch.No.1
Samantha is an aerospace engineering major at Iowa State University. She has worked as an undergraduate researcher developing body armor for the U.S. Army. Dedicated to community service, she volunteers extensively and organizes projects. President of the TBD Iowa Alpha Chapter, she plans a laboratory-based aerospace career.

Jenna N. Yaney, Stechmeyer Scholar No. 1
Jenna is a Ch.E. major at Case Western Reserve University. She is an undergraduate researcher and member of her university’s cross country and track and field teams. Active in SWE and AIChE, she volunteers through Habitat for Humanity and plans to enter the work force with a pharmaceutical company.

Leslie S. Abrahams, Stabile Sch. No. 10
Leslie is a Ch.E. major at Washington University in St. Louis, where she ranks first in her class of 236. She hopes to pursue an M.B.A. or master’s in engineering management and would like to work as a consultant before eventually teaching and encouraging girls to develop their interests in math and science.

Stacey L. Ahern, Stabile Scholar No. 11
Stacey is majoring in industrial engineering at Kansas State University, where she ranks first in her class. Her grades and school plans include studying ergonomics, particularly in the dental industry. She also wants to stay involved in programs like “Women Mentoring Women.” After that, she plans to develop her skills to prepare for corporate leadership.
Cody M. Allen, Stabile Scholar No. 13
Cody is majoring in engineering physics with a minor in artificial intelligence at Case Western Reserve University. He enjoys serving his community and is president of the local Habitat for Humanity chapter. His other interests include computer science and database management. He plans to join the Peace Corps after graduation, working on IT in developing countries.

Stephanie E. Allred, Stabile Sch. No. 13
Stephanie is majoring in I.E. at South Dakota School of Mines & Technology and ranks first in her department. She has a profound love for numbers and a desire to know how things work. She works as a seasonal bookkeeper at the Buffalo Bill Museum. After graduation, she plans to join the work force and raise a family.

Tony is an M.E. major at University of Cincinnati, engineering and eventually become a professor.

Thomas L. Ames, Stabile Scholar No. 14
Thomas is an M.E. major at Brigham Young University. He is interested in computational fluid dynamics from intern experience at Sandia National Laboratories. He will pursue a master’s in M.E. and continue leadership roles in ASME. He continues to be dedicated to service in his community.

Matthew K. Cashion III, Stabile Sch. No. 20
Matthew is majoring in I.E. at the University of Arkansas with minors in mathematics and general business. Involved in intramural sports, he will study abroad in Italy this summer. Interested in risk management and system design for the boating industry, he will pursue advanced degrees in engineering.

Anthony R. Berman, Stabile Sch. No. 16
Tony is an M.E. major at University of Cincinnati, where he has been active on the Formula SAE team and is interested in alternative fuel. He hopes to work on alternative energy at graduate school and believes this is the best way to truly make a difference with his education. He hopes to continue to play the tuba and trombone.

James A. Bertin, Stabile Scholar No. 17
James is working on his B.S.M.E. at Brigham Young University and wants to work in biomechanical engineering. He is interested in biomechatronics and would like to do graduate work on active prosthetics, orthotics, muscle-actuated robots, and leg exoskeletons. He has served as a Cantonese language volunteer at a missionary training center.

Jennifer S. Black, Stabile Scholar No. 18
Jennifer is working on a bachelor’s in environmental engineering at Montana Tech of the University of Montana, where she is president of the Circle K Club. A violinist in the Butte Symphony Orchestra, she plans to continue for a master’s and to focus her research on the interaction between air pollutants and surface water.

Matthew D. Conrad, Stabile Sch. No. 23
Matthew is a mechanical engineering major at the University of South Florida. He will pursue degrees in engineering to become a contributor to research and development of alternative and renewable energy resources. He works as an undergraduate research assistant and is learning to operate a photoelectron spectrometer. He plans to serve as a professor.

Christine A. Elliott, Stabile Sch. No. 29
Christine is majoring in mechanical engineering at Binghamton University, where she is first in her class. She will pursue a law degree and a career in intellectual property law. She interned at Knowles Atomic Power Lab working on testing methods for nuclear reactors. She is active in community mentoring programs and is president of the NY Tau Chapter of TBP.

Paul I. Deffenbaugh, Stabile Sch. No. 24
Paul is majoring in electrical and computer engineering at Florida Institute of Technology, where he is TBI Recording Secretary and president of IEEE. He plans on graduate school and wants to work with autonomous vehicles or robotic navigation. His dream is: “To build a vehicle to carry man to the grocery store and return him safely to his home.”

Russell M. Dibb, Stabile Scholar No. 25
Russell is an M.E. major at Brigham Young University pursuing a minor in business management. Last spring, he studied abroad in China to study the impact of globalization on engineering. He speaks fluent French and is an accomplished musician. His future goals include running his own business and starting a family.

James D. Dickson, Stabile Schol. No. 26
James is an M.E. major at Florida State University, where he ranks second in his department and serves as 2009-10 TBP President. He is working on research in mechatronics and robotics, involving mathematically modeling the spring force of legs for robot designs. Plans include a master’s and remaining active in TBI.

Bailey M. Blake, Stabile Scholar No. 19
Bailey is majoring in M.E. at Ohio Northern University, where she ranks first in her M.E. class. She plans to attend graduate school, and, after earning a Ph.D, pursue a career as a college professor. A member of the Society of Women Engineers, she wants to encourage female students to consider engineering.

Bradley J. Collins, Stabile Schol. No. 22
Bradley is a computer engineering major at Clemson University, where he maintains a 4.0 GPA. He has completed a three-term co-op rotation with a network access company. Plans include an M.S., supplemented with an M.B.A. He believes his understanding of the interaction between engineering and the marketplace will prepare him for management.

Casey L. Dyck, Stabile Scholar No. 28
Casey is majoring in M.E. at the University of New Mexico. He plans to remain for a master’s and is looking at the fields of nanotechnology and solar technology. He will take the F.E. examination to help him prepare for industry. He is a member of the Canadian national cross-country ski team.

Leon Y. Chan, Stabile Scholar No. 21
Leon is majoring in C.E. at Illinois Institute of Technology, where he is TBI Recording Secretary. After his master’s, he plans to work for a structural consulting or design firm. He is looking at several universities and learning from internships to help acquire the skills to start working life as an entry-level engineer.

James is working on his B.S.M.E. at Brigham Young University and wants to work in biomechanical engineering. He is interested in biomechatronics and would like to do graduate work on active prosthetics, orthotics, muscle-actuated robots, and leg exoskeletons. He has served as a Cantonese language volunteer at a missionary training center.

Leon is majoring in C.E. at Illinois Institute of Technology, where he is TBI Recording Secretary. After his master’s, he plans to work for a structural consulting or design firm. He is looking at several universities and learning from internships to help acquire the skills to start working life as an entry-level engineer.

Casey is majoring in M.E. at the University of New Mexico. He plans to remain for a master’s and is looking at the fields of nanotechnology and solar technology. He will take the F.E. examination to help him prepare for industry. He is a member of the Canadian national cross-country ski team.

Nathan L. Dunfee, Stabile Scholar No. 27
Nate is studying M.E. at the University of Minnesota, Duluth. His plan for the next three years is based on graduation, a career, and family. An internship at IBM gave him insight into the engineering process and teamwork. He is considering a career making exercise equipment or in biomedical engineering, which would continue his lifelong interest in athletics.
Kirsten J. Fucha, *Stabile Scholar No. 30*
Kirsten is a mechanical engineering major at Bucknell University. She has interned at Northrop Grumman and Pratt and Whitney, where she remains this summer. Her goal is to enter the work force to pursue a career in thermo-fluids. She is a teaching assistant and Vice President of the PA Eta Chapter of Tau Beta Pi.

R. Greyson Geer, *Stabile Scholar No. 31*
Greyson is working on his bachelor's in civil engineering and architecture at Texas Tech University. He is studying in Paris and interning this summer. He plans to serve as a U.S. Navy nuclear-propulsion engineering officer; continue studies to become a licensed architect and P.E., and teach after retirement.

Colin D. Gettig, *Stabile Scholar No. 32*
Colin is a dual major in interdisciplinary engineering and management and C.S. at Clarkson University. He is involved in extracurricular activities such as managing editor of the school newspaper, teaching assistant, and treasurer of his fraternity. His goal is to work as a program manager for a software company.

Andrea L. Gilkey, *Stabile Scholar No. 33*
Andie is a biological systems engineering major at the University of Nebraska-Lincoln. She plans to pursue a Ph.D. in her minor of biomedical engineering and research the effect on the body of environmental changes during space missions. This would eventually lead to development of specific drugs and therapies.

Gittel T. Gold, *Stabile Scholar No. 34*
Gittel is majoring in chemical and biological engineering at Polytechnic Institute of New York University. She plans to participate in stem-cell tissue engineering research and prepare for grad school. She is president of her local Jewish Student Union and an accomplished undergraduate researcher.

Matthew A. Grenier, *Stabile Sch. No. 35*
Matthew is majoring in M.E. at Binghamton University, with a minor in technical theatre. He works part time as a technical director and lighting designer. He would like to pursue a career using his engineering skills for theatre, such as making custom machinery and scenery. He may begin his career in more traditional engineering.

Renee S. Hale, *Stabile Scholar No. 36*
Renee is a Ch.E. major at Oklahoma State University, where she ranked first in her group with a 4.0 G.P.A. She planned to spend this summer applying her class knowledge to the problems facing the U.S. military by testing defense vehicles and weapons at the Aberdeen, MD, test center.

Kayla M. Hampe, *Stabile Scholar No. 37*
Kayla is a civil engineering major at University of New Hampshire. She plans to pursue advanced degrees in her field. Active in the local SWE chapter, she was a member of the ASCE steel bridge competition team. She will be seeking internships to further her experience and prepare herself for industry.

Andrew W. Harris, *Stabile Schol. No. 38*
Andrew is an I.E. major at Kansas State University, where he is first in his class. He has been accepted into the master's program focusing on operations research. Vice president of the Farm House fraternity, he volunteers at a local elementary school. He is a summer intern with Blue Cross Blue Shield of Kansas.

Jeff R. Harris, *Stabile Scholar No. 39*
Jeff is working on an M.E. degree at Utah State University, where he is a math tutor and works as an instrument designer. He would like to work in the aerospace industry and hopes to work for the Air Force and toward a master's as a Palace Acquire intern. He has served as a missionary in South Africa.

Jantzen L. Hinton, *Stabile Schol. No. 45*
Jantzen is majoring in M.E. at Wright State University. A member of the ASME chapter, he participates in robotic design competitions. He plans to pursue a master's in alternative energy and renewable fuels. He enjoys hometown community service projects and solving problems such as energy production.

Charles E. Hebert, *Stabile Schol. No. 40*
Charles is majoring in mechanical engineering at the University of Maryland, Baltimore County. He plans to continue for a master's degree, focusing on robotics and material processing. He is a member of ASME and Phi Kappa Phi, has experience as a science-fair judge and college radio show host.

Trenton W. Howard, *Stabile Sch. No. 36*
Trenton is majoring in mechanical engineering at the University of North Dakota. He is interested in materials science and energy production. Active in leadership roles on campus, including his responsibilities as a resident assistant, he plans to pursue an M.B.A. and a management position in the energy industry.

John R. Heiberger, *Stabile Sch. No. 41*
John is working on a bachelor's in M.E. at South Dakota School of Mines & Technology, where he ranks first in his class. He is a research assistant with the unmanned aerial vehicle team and has been offered federal internships. After graduate school, he plans to work for a major aeronautical company.

Robert D. Helvestine, *Stabile Sch. No. 42*
Dewey is an electrical engineering major at the University of California, Santa Cruz, and plans to continue for a master's. He looks forward to his first internship and hopes that it will help to identify his future research interests. He is considering different fields to explore before eventually joining the work force.

R. Clark Howell, *Stabile Scholar No. 47*
Clark is an industrial engineering major at the University of South Florida and is first in his class. He plans to earn a master's in engineering management. Active on campus in his fraternity, service organizations, and intramural sports, he would like to work as an engineer in the transportation industry.
David W. Hunter, *Stabile Scholar No. 48*
David is an E.E. major at the University of Maine, where he serves as TBH Vice President. He plans to work as a consultant for about two years after graduating and then earn a master’s in engineering and business. He also wants to focus his engineering expertise on sensor design while he advances his career.

Demi D. Hutchinson, *Stabile Sch. No. 59*
Demi is working on a bachelor’s in M.E. at Purdue University and serves as TBH Vice President. She is interning with GE Healthcare and plans to focus on quality assurance, where she sees her future. After graduation, she would like to join the firm’s two-year operations management leadership program.

Abhishek Jaiswal, *Stabile Scholar No. 50*
Abhishek is an M.E. major at Idaho State University, where he serves as TBH Secretary. He has been researching a robotic-hand design as part of a prosthetic development project. He plans to continue with mechanical engineering for graduate studies and may also pursue an M.B.A.

Oliver K. Johnson, *Stabile Scholar No. 51*
Oliver is working on an M.E. bachelor’s at Brigham Young University. This summer he is completing a research internship at Los Alamos National Laboratory, where he plans to return. He will continue as a research assistant while he studies at Brigham Young and hopes to be accepted directly into a Ph.D. program.

Thomas B. Jones, *Stabile Scholar No. 52*
Thomas is majoring in computer engineering and mathematics at Gonzaga University and ranks first in his class. He works in the scalable and embedded systems lab and is active in the school senate, other organizations, and extracurricular activities. He plans to pursue graduate work in the field of augmented reality.

Lee A. Kersting, *Stabile Scholar No. 54*
Lee is majoring in mechanical engineering at North Dakota State University. He is a member of the varsity track and field team and active in the Society of Automotive Engineers and its mini-Baja competition. Interested in auto and power sports industries and machine design, he will pursue his master’s in M.E.

Katherine M. Kodrich, *Stabile Sch. No. 55*
Katherine is a bioengineering major at the University of Toledo. A co-op student at DePuy Orthopedics, she is active in campus organizations such as Habitat for Humanity and SWRE. She will pursue advanced degrees and continue her research in hopes of improving medical treatments and vaccines.

Jason S. Kretzschmar, *Stabile Sch. No. 56*
Jason is a C.E. major at the University of Alabama at Birmingham. He is studying in Cairo, Egypt, and will earn a graduate certificate in construction engineering management. He is a U.S. Air Force reserve member and was on active duty for six years. His career will focus on underwater operations and inspection.

Lee is an M.E. major at the University of Idaho. He plans to attend graduate school.

Jessica is majoring in I.E. at West Virginia University. She has interned with the U.S. Department of Energy, works at the industrial assessment center, a program funded by the U.S. Department of Energy. She is active in community service projects and played in the marching band. Interested in the field of energy efficiency, she plans to attend graduate school.

Morgan R. Luker, *Stabile Scholar No. 62*
Morgan is an M.E. major at the University of South Carolina. She is active on campus as a mentor, tutor, and student instructor. She helps raise funds for St. Jude children’s research hospital through her sorority. She plans to intern and pursue a master’s with a patent law as a possible career path.

Sindhu Y. Lanka, *Stabile Sch. No. 60*
Sindhu is majoring in electrical and computer engineering at Rutgers, the State University of New Jersey. She is interning at Vanguard to gain more experience with computers. A campus leader and President of the NJ Beta Chapter of TBH, she will pursue advanced degrees and plans to help the family business.

Trevor J. Layh, *Stabile Scholar No. 61*
Trevor is an M.E. major at South Dakota State University and is first in his class. A student intern at Daktronics, Inc., he is active in the Pi Tau Sigma chapter as webmaster and is President of the SD Beta Chapter of TBH. He enjoys intramural sports and volunteering and will pursue a master’s in engineering.

Jessica is majoring in C.E. at Bradley University. She has interned at Western Surveying and Engineering and worked at her school’s facilities planning office. A member of several campus organizations and a participant in intramural sports, she is specializing in construction with the goal of owning her own company.

Anne M. Mallow, *Stabile Scholar No. 64*
Anne is majoring in I.E. at West Virginia University. She plans to attend graduate school.
Vanessa J. Maryott, Stabile Scholar No. 66
Vanessa is a mechanical engineering major at Wichita State University, and is first in her class. She is active in community service activities and is a leader in her Alpha Phi Delta sorority. She is interested in renewable energy and alternative forms of energy. She plans to combine this with her major to pursue a master's degree.

Anna C. McLaughlin, Stabile Scholar No. 67
Anna is an industrial engineering major at the University of Missouri-Columbia. She plans to continue interning as a project manager and entering into the Edison engineering development program. She plans to volunteer in Ecuador for a third consecutive year and will begin his undergraduate research in the field of robotics.

Erik W. Miller, Stabile Scholar No. 68
Erik is an M.E. major at the University of Notre Dame. He will intern with General Electric's transportation division, aiming to enter the Edison engineering development program. He plans to volunteer in Ecuador for a third consecutive year and will begin his undergraduate research in the field of robotics.

George K. Miyata, Stabile Scholar No. 69
George is a mechanical engineering major with a minor in philosophy at Gonzaga University. He is active on campus as President of the ASME and the Tau Beta Pi Delta Chapter. He hopes for an ASME internship in D.C. to gain political and engineering experience. His interests are in energy, protecting the environment, and entrepreneurship.

Carl Morris, Stabile Scholar No. 70
Carl is majoring in industrial and systems engineering at Mississippi State University and ranks first in his class. He has worked as a research assistant on solving healthcare inventory problems. President of the IE chapter, flute choir member, and the Mississippi Alpha Tau Beta Pi Chapter, he plans to pursue advanced degrees in operations research.

Michael J. Muldowney, Stabile Sch. No. 72
Michael is majoring in mechanical engineering at Rowan University. He works as a locomotive service engineer for New Hope & Ivyland. He plans to pursue advanced degrees in business and engineering education. He is an active member of the IEEE NJ Epsilon Chapter, and his future interests are fuel science, energy systems, and sustainable design.

Theresa M. Murray, Stabile Sch. No. 73
Theresa is a biomedical engineering major at the University of California at San Francisco. She has interned in clinical engineering of Baystate Medical Center and the National Rehabilitation Hospital and is active in community service projects through EWB and Habitat for Humanity. She participates in Taekwondo and plans to work in the field of humanitarian engineering.

Danica L. Nguyen, Stabile Sch. No. 74
Danica is majoring in Ch.E. at Louisiana State University. She has interned with a Fluor company and plans to pursue an M.B.A. Active on campus in organizations such as Phi Sigma Pi, SWE, and SHPE, she is an avid piano player and plans to pursue a career as a process engineer in a refinery.

Octavio M. Oliva, Stabile Sch. No. 75
Octavio is an M.E. major at Florida International University. He plans to continue for a doctorate. He plans to concentrate his research on micro-nanomachines, microfabrication, and micro-electromechanical systems and is especially interested in research on biologically inspired micro-machines and micro-sensors.

Nicholas J. Rummel, Stabile Sch. No. 82
Nicholas is a biomedical engineering major at the University of Colorado-Boulder. He is an active member of Engineers Without Borders, working on projects in Kenya, Honduras, and Nicaragua. Plans include graduate school in pursuit of a Ph.D. in environmental engineering or a technical consulting position after gaining experience.
Henry D. Swider, Stabile Scholar No. 90
Henry is majoring in mechanical engineering at Colorado School of Mines. His ambition is to work in the space program, perhaps working on the current lunar missions, and has been seeking internships there. He would like to eventually obtain a master’s in aerospace engineering, but at this point would like to get out into industry for some experience.

Dustin J. Turliff, Stabile Scholar No. 91
Dustin is a mechanical engineering undergraduate at the University of Iowa, where he carries a 4.0 G.P.A. He plans to attend graduate school, aspiring to a career in research and development. Renewable and alternative fuels fascinate him and may provide a focus for future studies. He is also studying technological entrepreneurship.

Bryan A. Teague, Stabile Scholar No. 92
Bryan is majoring in general engineering at Harvey Mudd College and completed one semester at the University of Western Australia. He plans to earn a Ph.D. to pursue his interest in alternative energy sources for everyday transportation. Interested in cars, he has worked on a renewable energy vehicle project in Australia.

Thomas J. Thering, Stabile Scholar No. 93
Thomas is a C.E. major at the University of Wisconsin-Platteville, where he has been TBHI Corresponding Secretary. He has also been an ASCE vice president. Interning for the past two summers as a CAD techni- cian at an engineering firm has provided valuable experience. He hopes to be a project engineer and to help construct efficient and sustainable buildings.

Troy Y. Tokuhama, Stabile Scholar No. 94
Troy is an E.E. undergraduate at the University of Southern California. He is specializing in digital signal processing and plans to stay with that when he moves on to the progressive degree program to earn his master’s. He would like to go on a mission trip outside the U.S. and then start his career with a reputable engineering company.

Drew D. Tyger, Stabile Scholar No. 95
Drew is majoring in M.E. at Pennsylvania State University, where he is TBHI Treasurer. He developed an interest in controls as an intern with a British industrial burner manufacturer, and plans to work in that field. He is minorng in engineering entrepreneurship to acquire business and personal skills.

Ali M. Sajwani, Stabile Scholar No. 83
Ali is majoring in mechanical engineering at Drexel University, and ranks first in his class. His master’s concentration is in aerospace engineering and systems and control engineering. Ali is a teaching assistant and active in campus organizations, Pi Tau Sigma and Indian Students Association. He plans to pursue an M.B.A. and a career in the aerospace industry.

Alessandro P. Spinelli, Stabile Sch. No. 88
Alessandro is majoring in mechanical engineering at Stevens Institute of Technology. He interned at EP Engineering designing building systems related to HVAC. Active in campus organizations such as ASME, he will graduate with his master’s and plans to pursue a career in the pharmaceutical industry or as a consultant.

Caleb M. Serafy, Stabile Scholar No. 87
Caleb is majoring in computer engineering at Binghamton University. He will graduate with a master’s focused in computer architecture and microprocessor organization. He has studied abroad in Morocco and plans to minor in Arabic. He works as a university tutor and plans a career in microprocessor design for modern computers.

Casey H. Still, Stabile Scholar No. 89
Casey is an M.E. major at Auburn University. He will continue interning at Dynetics, Inc., in the machining and design center. He works as an undergraduate researcher on the fabrication of a vacuum ultraviolet test stand at the space research institute. He plans to pursue his master’s and work in the defense applications industry.

Richard Vidal, Stabile Scholar No. 98
Richard is majoring in M.E. at Colorado School of Mines. Experiences, including work as a drilling engineering intern, have led him to switch his ambitions from the defense/aeronautics industry to pursue dual doctorates of engineering and systems related to HVAC.

Gina M. Zak, Stabile Scholar No. 100
Gina is an M.E. major at the University of Illinois at Urbana-Champaign. She is an undergraduate researcher with the Alleyne Research Group and has studied engineering abroad in Denmark. Active in her ASME chapter and Engineers Without Borders solar refrigerator project, she plans to pursue advanced degrees with a focus on energy efficiency solutions.

Rashaad F. Abu-Hamdan, Record No. 538
Rashaad is majoring in C.E. at the University of Wisconsin–Madison. He plans to acquire professional certification, establish a career, and earn a master’s in structural engineering. He works with the asphalt pavement research group as a project assistant and looks to international travel for experience and understanding of cultures and lifestyles.
Srdjan Acimovic, Record Scholar No. 429
Srdjan is working on his bachelor’s in biomedical engineering at Marquette University and plans a career in the healthcare industry. He wants to work towards a Ph.D. through a corporate program at GE Healthcare, where he has been an intern, or any other company that offers it. He sees his future in R&D, helping doctors to quickly and accurately diagnose patients.

Jonathan D. Bach, Record Scholar No. 440
Jonathan is majoring in C.E. at the University of North Dakota, where he ranks first in his class. Planning a career in the transportation and infrastructure sector, he wants to work for a private firm and become a P.E. He believes in the importance to society of safe transportation and has worked as an intern on highway construction projects.

Gregory T. Back, Record Scholar No. 441
Greg is working on a bachelor’s in computer engineering at Ohio Northern University, where he ranks first in his class. He seeks to work in the field of information assurance/cyber security, which appeals to his computer education and interests in cryptography and number theory.

Lin Bai, Record Scholar No. 442
Lin is majoring in biomedical engineering at Tulane University, where she is TBHI President. She has been researching drug delivery, as well as developing her interests in laser technology, and radiological sciences. She hopes to carry this over into industry to develop products or to pursue a Ph.D.

D’Ann R. Barker, Record Scholar No. 443
D’Ann is an E.E. and physics major at South Dakota School of Mines & Technology, where she ranks first in her class. She would like to research radio frequency design and communications, which she has experienced as an intern. She believes her interest in research will help her succeed in a research and development career.

Enkhjin Bayarsaikhan, Record No. 444
Enkhjin is majoring in electrical engineering at Louisiana Tech University, where she ranked first in her group. She plans to earn a master’s and Ph.D. and to advance her studies in nanotechnology related fields. Interested in microelectronics, she hopes to move on to designing semi-conductor substrates at nanoscale level.

Justin R. Bennett, Record Sch. No. 445
Justin is majoring in materials science and engineering at the Ohio State University. He will complete his master’s in a one-year OSU program. After completing his internship at GE, he plans to deliver important solutions to improve current material applications. He is active in intramural sports and several societies at OSU.

Truc PT. Bui, Record Scholar No. 446
Truc is an E.E. major at the University of Missouri-Columbia. She works in micro electromechanical-systems research designing device layouts. Programming and activities manager of the Missouri International Student Council, she plans to pursue knowledge that transcends the classroom through advanced degrees in her field.

Sean Carbonaro, Record Scholar No. 447
Sean is a bioenvironmental engineering major at Rutgers State University of New Jersey, where he is TBHI Secretary. He is looking to graduate schools where he can research the environment, transport, and hydrology in relation to engineering. He would like to earn a Ph.D. and perhaps work in academia.

Joanna Chen, Record Scholar No. 448
Joanna is a bioengineering major at the University of California, Berkeley, with concentration in computational bioengineering. She plans to intern with a biotech company and then to attain advanced degrees with a focus on bioinformatics research. Her goal is to perfect novel tools that can improve public health.

Matthew B. Christian, Record Sch. No. 449
Matthew is majoring in chemical engineering at the University of Virginia. He is positioning himself for a career in energy policy. Vice president of his AIChE chapter, he is interning with ExxonMobil’s downstream headquarters with an eye toward the business aspects of a technology based energy company.

Kyle G. Christianson, Record Sch. No. 450
Kyle is a software engineering major at South Dakota State University, where he ranks first in his class, and he plans to earn a master’s degree. He is interning at IBM to learn more about the entire process of software design and prepare for a career in this field. His goal is to eventually manage a team of software developers, overseeing design and testing of products.

Matthew L. Cohen, Record Schol. No. 451
Matthew is a materials science and engineering major at the University of Pennsylvania. He plans to continue working with nanoscale materials to implement nanotechnology in commercial products. He looks forward to encountering real-world engineering problems in ceramics or other specialty fields.

Megan C. Crump, Record Schol. No. 452
Megan is majoring in C.E. at the University of Utah. She plans to obtain a master’s and M.B.A. to become a project manager and company leader. She performs extensive volunteer work with Engineers Without Borders and SWE. Her professional goals may lead her to the Peace Corps for international civil engineering experience.

Mihai T. Cutituriu, Record Schol. No. 453
Mihai is studying computer engineering at Old Dominion University, where he is in the five-year accelerated bachelor’s/master’s program. He also plans to take the F.E. examination and go on for a Ph.D. Mihai has been doing research in reversible computing. He has also been a tutorial services translator, working with Romanian, Russian, and Turkish students.

Ericsson W.K. Davis, Record Sch. No. 454
Ericsson is majoring in C.E. at Virginia Military Institute, where he is on the U.S. Marine Corps college program. He has applied to be a pilot and hopes to combine military duties with graduate studies. He has tutored Arabic, his minor, and has studied abroad in Morocco and Egypt, where he interned with an engineering firm.

Nicholas D. Deveau, Record Sch. No. 455
Nicholas is working on a B.S.Ch.E. at the University of New Hampshire. He plans to gain industrial research experience by interning this summer. After completing an honors degree, he will commence his graduate studies toward a Ph.D. He is researching choices for potential universities.

Scott G. Edington, Record Sch. No. 456
Scott is a biomedical engineering major at the University of Akron. He has been accepted into the University of Toledo’s medical college to pursue his M.D. and master’s. A founder and vice president of Akron’s chapter of Phi Delta Epsilon, he was born with multiple congenital heart defects and plans to practice pediatric congenital cardiology and research heart disease.
Amanda E. Finkes, Record Scholar No. 457
Amanda is majoring in nuclear engineering at Idaho State University. She is looking at postgraduate studies in France as part of her goal to close the fuel cycle in the U.S. She hopes to work for the Department of Energy, and is interested in the gas cooled fast reactor. She also wants to reintroduce reprocessing as part of the renaissance of the American nuclear culture.

Christopher R. Fleck, Record Sch. No. 458
Chris is a computer engineering major at the University of Pittsburgh, where he has been a tutor and student researcher. After graduation, he plans to take the F.E. examination and look for a job as an engineer-in-training in the computer field. He may eventually pursue a master’s degree.

Regan E. Gangel, Record Schol. No. 459
Regan is working on her bachelor’s in civil engineering at the University of Kansas and plans to study structural engineering when she goes on for her master’s. She may also seek a Ph.D. so she can work with college students someday. She also plans to continue working on her commitment to societies like TBIH and SWE.

Rodrigo Garza Urquiza, Record No. 460
Rodrigo is majoring in mechanical engineering at Texas A&M University. He will continue as an undergraduate student in gas dynamics and chemical kinetics. A leader in the local chapter of ASME, he enjoys competing in intramural tennis. He plans on furthering his education with a master’s and performing shock wave research.

Scott O. Geurin, Record Scholar No. 461
Scott is majoring in E.E. at the University of Arkansas, where he is first in his class with a G.P.A. of 4.0. He wants to continue research and work and spend the next year preparing for a master’s. His goal is to work in engineering and move into management, which could involve leading a team of engineers or a research laboratory.

Ana R. Giannareas, Record Sch. No. 462
Ana is majoring in systems science and engineering at the University of Pennsylvania. She is a director of the local International Affairs Association and has interned in Panama. She will be a teaching assistant and continue her involvement in SWE and TBIH and plans to apply systems engineering approach to the advancement of developing communities.

Daniel R. Givan, Record Scholar No. 463
Daniel is a naval architecture and marine engineering major at the University of New Orleans. He will work for a design firm on naval surface combatant ships. Appointed by the chancellor to the university senate committee, he is active in intramural sports. He plans to continue his education for advanced degrees and research in naval architecture.

P. Douglas Godfrin, Record Sch. No. 464
Douglas is a chemical engineering major at the University of Virginia with a minor in materials science. Active in the local AIChE chapter and the beach volleyball club, he worked in an academic lab testing new fuel cell systems. He plans to pursue advanced degrees and research into innovative technologies.

Lisa M. Godiska, Record Scholar No. 465
Lisa is majoring in bioengineering at Pennsylvania State University, where she has made the dean’s list every semester. She has been researching cancer metastasis, which led to the death of both grandmothers. Planning to continue for a doctorate and work on life threatening diseases, she is studying Spanish and hopes to become bilingual.

Bryan R. Goldsmith, Record Sch. No. 466
Bryan is a Ch.E. major at the University of California, Riverside. He is interested in materials science and nanotechnology. Graduate school plans include studying for a doctorate. Summer plans include an undergraduate program, where he believes the competitive environment will advance both his research skills and personal development.

Galina Grigoriev, Record Scholar No. 467
Galina is working on her bachelor’s in bioengineering at the University of Pennsylvania, where she is TBIH Treasurer and a Benjamin Franklin scholar. She plans to do postgraduate studies in biomedical engineering. She wants to continue her passion for medicine, engineering, and research and fulfill her humanitarian desire to improve the lives of others.

Morgan E. Grissum, Record Sch. No. 468
Morgan is majoring in electrical engineering at the University of Kansas. She will intern with Burlington Northern Santa Fe Railroad working on signals and systems. Active in community service projects through her sorority and other organizations, she plans to attend law school in Texas to become a patent attorney.

Kyle E. Hansen, Record Scholar No. 469
Kyle is majoring in civil engineering at South Dakota School of Mines & Technology. He is a former competitive snowboarder and head ski technician. Involved in TBIH’s K-12 education efforts and his local ASC/E chapter’s seismic building, he plans on a career in the water-resource engineering field.

Levi V. Hansen, Record Scholar No. 470
Levi is majoring in general engineering at Montana Tech of the University of Montana, and is first in his class. He will intern at Hensel Phelps Construction to gain experience in the field of structural engineering. President of the TBIH Montana Beta Chapter, he plans on creating new designs as a future civil engineer.

Diana Hasegian, Record Scholar No. 471
Diana is a civil and environmental engineering major at Lafayette College. She seeks to further her education in areas like sustainability and green design so that she can become a leader for change in her community. She has undertaken an internship working on a groundwater remediation project in her native Romania.

John C. Heine, Record Scholar No. 472
John is majoring in civil engineering at South Dakota School of Mines and Technology, where he ranked first in his class, and is TBIH Vice President. Graduate school plans include an emphasis on water resource engineering where he sees future problems due to population growth. He hopes to become a leader in the industry.

Parker R. Hill, Record Scholar No. 473
Parker is a bioengineering major at the University of Utah. He chose that major after seeing the impact of the lack of medical facilities in Ghana while serving on a church mission. Planning to start working toward an M.D., he will seek to engineer inexpensive diagnostic tools and impact more lives than he could as a clinician.

Brian S. Holman, Record Schol. No. 474
Brian is majoring in nuclear engineering on the accelerated master’s program at North Carolina State University. This will be his second summer interning at GE-Hitachi Nuclear Energy. Active in intramural sports, he hopes to study for a master’s through GE’s Edison program, which would involve working on a project team.
Miles H. Honkawa, *Record Scholar No. 475*

Miles is a chemical engineering major at Massachusetts Institute of Technology. He is an undergraduate researcher at the Combustion Dynamics Lab. He plans to intern at Northrop Grumman Corporation’s space technology sector. He is active in intramural sports and interested in working in the defense or petroleum industries.

Robert J. Ingram, *Record Sch. No. 476*

Robert is majoring in chemical/petroleum engineering at Louisiana State University, where he has been THI Treasurer. Active in AIChE, he is interning this summer with ConocoPhillips on upstream operations in New Mexico. He plans to study environmental chemical engineering at graduate school and to become a P.E.

Ashley D. Jensen, *Record Sch. No. 477*

Ashley is majoring in C.E. at Utah State University, where she is THI Recording Secretary. She has a passion for old buildings and sees her major as a jumping-off point to a career in restoring historical structures, ranging from gothic cathedrals to prairie-style homes. She wants to redesign them while preserving their original design and aesthetics.

Teresa A. Johnson, *Record Sch. No. 478*

Teresa is a geological engineering major at Colorado School of Mines, where she has a G.P.A. of 4.0 and will begin work on her master's. Having interned with an oil company and gained a different view of the business, she hopes to undertake a research project related to responsible stewardship in the petroleum industry and alternative-energy sources.

Andrea L. Jones, *Record Scholar No. 479*

Andrea is a chemical engineering major at Brown University and will be spending three semesters working in a biochemical engineering research laboratory studying cells in early reproductive stages. A volunteer at a local hospital, she plans to go on to medical school, although she has not yet decided on a particular field.

Zachary T. Jordan, *Record Sch. No. 480*

Zach is majoring in computer engineering at Mississippi State University, where he is also pursuing a B.A. in philosophy. He plans on graduate studies in engineering physics to learn the underlying concepts of engineering and research. Particularly interested in electromagnetism and optics, he would like to apply them to 3D modeling and simulations.

Stacy A. Kanaan, *Record Scholar No. 481*

Stacy is studying for a Ch.E. bachelor’s at Oregon State University. She is part of the MECOP program, which allows her to do two internships for six months each. She will graduate one year later, but with a year of experience in industry. She plans to go on for a master’s and would like to do a thesis about nanotechnology in the environment.

Jaakko T. Karras, *Record Sch. No. 482*

Jaakko is a general engineering major at Harvey Mudd College. He is interested in the field of biomedical engineering, thanks to a freshman design project for a local special-needs school program. He mentors his former high school’s FIRST robotics team and plans to pursue advanced degrees in the applications of electrical engineering and robotics in medicine.

Jeong Kim, *Record Scholar No. 483*

Jeong is a chemical and biomolecular engineering major at Georgia Institute of Technology, where he ranked first in his class, and is THI Secretary. He wants to devote his life to energy research and develop alternative fuel sources. He believes the energy and water crises are his generation’s most immediate problems and an exciting area of science.

Brendan R. Kirkpatrick, *Record No. 484*

Brendan is majoring in electrical/biomedical engineering at California State University, Long Beach, where he is THI President. He was inspired by his mother’s struggle with multiple sclerosis and plans for a master’s in biomedical engineering. He hopes to advance to high-level management in biotechnology and would like to serve as a professor.

Joel A. Kozlesky, *Record Scholar No. 485*

Joel is majoring in civil engineering at the University of Toledo with a minor in business administration. He plans to pursue advanced degrees in engineering and business. A member of the cross-country and track-and-field varsity teams, he plans to work on engineering projects in third-world countries with a firm or as a missionary.

Jason D. Kukorlo, *Record Scholar No. 486*

Jason is an architectural engineering major at Pennsylvania State University. He will obtain his master’s degree in his fifth year of study with plans to be a structural engineer. Jason interned at NuTec Design Associates, Inc. where he works on design projects. He is active in intramural sports and ranks near the top of his engineering class.

Nikhil Kumar, *Record Scholar No. 487*

Nikhil is double majoring in computer engineering and financial economics at the University of Maryland Baltimore County. He is webmaster for the Maryland Delta chapter of THI and a computer science tutor. He plans to work for a company designing computer hardware and eventually pursue an M.B.A. toward attaining a management position.

Christopher N. Lam, *Record Sch. No. 488*

Christopher is a chemical engineering major at Rice University, and is first in his class. He plans to pursue advanced degrees and continue with his undergraduate research. An Eagle Scout, accomplished musician, and active in the robotics club, he will graduate with a minor in computational and applied mathematics and seek future materials research.

Charla M. Lanoue, *Record Sch. No. 489*

Charla is an industrial engineering and management major at North Dakota State University, ranking first in her class. She is a student employee at Bison Connection and holds leadership office in each campus organization of which she is a member. She will complete a senior company-project and plans to pursue a career in lean manufacturing.

Isaac J. Leit, *Record Scholar No. 490*

Isaac is a double major in mathematics and computer science at the University of Kentucky. He works in the mathematics department and tutors students in math. Interested in quantifying groups of people and influences upon them, he plans to attend graduate school and pursue a career in mathematical research and teaching.

Nathan R. Lee, *Record Scholar No. 491*

Nathan is majoring in materials science and engineering at the University of Pennsylvania. An independent researcher with the Composto Polymer Group, he plays the piano, is active in intramural sports, and works on campus. He plans to further his research into sustainable energy engineering and obtain his master’s degree.

Jonathan P. Lo, *Record Scholar No. 492*

Jonathan is a chemical engineering major at Rice University. He plans to enter the energy industry focusing on his specialization in environmental engineering. Jonathan is a regional liaison for AIChE, supporting national coordination efforts, and plays club tennis. He interned with Shell Oil Company and would like to continue corporate renewable energy work.
Lauren H. Logan, Record Scholar No. 493
Lauren is double majoring in electrical engineering and geological sciences at Ohio University. She plans to attend grad school in earth materials engineering. A Robe Leadership Institute scholar, president of the local Eta Kappa Nu chapter, and three-year President of the TBI Ohio Delta Chapter, she is interested in crystal technologies and study toward a Ph.D.

Eric R. Lothspeich, Record Sch. No. 494
Eric is a civil engineering major at the University of North Dakota. He is also completing military training through ROTC and will be commissioned as an officer in the North Dakota National Guard. After flight school and other military training, he could possibly be deployed overseas for a second tour of duty.

Chen D. Lu, Record Scholar No. 495
Chen is majoring in E.E. and C.S. at the University of California, Berkeley, and will continue undergraduate research on graphic cards and a magnetic sensor. He has worked as a lab consultant for the school of business. He will pursue his Ph.D. in bioengineering toward eventually leading his own research group.

Esther J. Lynch, Record Scholar No. 496
Esther is a C.E. major at Washington State University. She has interned at the Washington State Department of Transportation and is an active tutor in statistics at Yakima Valley Community College. She enjoys rock climbing and skiing and plans to teach math and engineering after graduate school.

Kathleen M. Lyon, Record Schol. No. 497
Kathleen is majoring in chemical and biochemical engineering at Colorado School of Mines, and is first in her class. She has interned at DCP Midstream and works in the athletic department. A varsity softball player and ski team member, who is active in campus organizations, she plans a career in the fossil-fuels industry.

Elizabeth F. Martin, Record Sch. No. 498
Elizabeth is majoring in aerospace engineering at the University of Virginia. She works at the aerospace research lab, spent a summer at NASA Glenn, and studied engineering in Germany. A member of the Virginia Dance Company and an officer in the local AIAA chapter, she plans to continue her scramjet research and pursue advanced degrees in engineering.

Alex G. McGaughy, Record Sch. No. 499
Alex is majoring in biomedical engineering at North Carolina State University, and ranks first in his class. He is training to be an EMT-B and would like to design devices that will help paramedics on ambulances. He enjoys solving problems, is interested in nerve damage repair research, and plans to pursue advanced degrees with a focus on tissue engineering.

Evan D. McLellan, Record Sch. No. 500
Evan is majoring in electrical and computer engineering at the University of Maine. He is active as a tutor in the IEEE chapter, and as the President of the TBI Maine Alpha Chapter. Looking forward to a professional engineering career, he plans to seek research and professional experiences of interest and to continue his education.

Bryan D. Minor, Record Scholar No. 501
Bryan is majoring in E.E. at Washington State University. He is an undergraduate researcher focused on “smart environments.” He is active in the Christian Fellowship and Solar Splash team. He will minor in computer engineering with a study emphasis in digital electronics and continue his education and research in grad school.

Michael A. Mitchell, Record Sch. No. 502
Michael is a geophysical engineering major at Colorado School of Mines. He has interned with several research groups, including the center for gravity, electrical, and magnetic studies. Active with the local chapter of Society of Student Geophysicists, he plans to become a research geophysicist and university professor.

Ryan C. Morrison, Record Schol. No. 503
Ryan is a metallurgical engineering major at the University of Utah. He has worked on a university research project and plans to pursue his master’s. President of the TBI Utah Alpha Chapter, he is fluent in Spanish and is an Eagle Scout. His interests include materials science and becoming a professor.

Salman H. Naqvi, Record Scholar No. 504
Salman is an electrical engineering major at New Jersey Institute of Technology. An undergraduate researcher at the Center of Solar-Terrestrial Research and an intern at Lockheed Martin, he participates in student government and as Vice President of the TBI New Jersey Gamma Chapter. He will pursue advanced degrees and research in radio frequency.

Kirk R. Nelson, Record Scholar No. 505
Kirk is majoring in electrical engineering at the University of Utah. He was a missionary in Brazil for two years, is an Eagle Scout, and is active in his community. He is a leader among his academic peers and works full-time to help support his family. He plans to complete his master’s degree and seek work outside the country.

Derek D. Novins, Record Schol. No. 506
Derek is a bioengineering major at Washington State University. He is interested in neuro-engineering research, particularly controlled prosthetics. A student representative on the campus-wide coordinating council for engineering and architecture clubs, he is active at WSU in gymnastics and rock climbing, and will pursue advanced degrees in neuroscience.

Andrew J. Niles, Record Scholar No. 508
Andrew is majoring in I.E. at Wichita State University and ranks first in his class. He has worked as a quality engineer at NASA Johnson Space Center, and interned at the White House. He is a campus tutor, volunteers for community service activities, and enjoys intramural sports. He plans on earning his master’s and working as a quality engineer.

Craig W. Oeding, Record Scholar No. 509
Craig is majoring in E.E. at South Dakota School of Mines & Technology. He will intern at Sencore Electronics, focusing on electrical hardware design. He enjoys playing the trumpet and working in campus ministry and will pursue his master’s in robotics and automated systems with plans to start his own business.

Justin D. Oldfield, Record Schol. No. 510
Justin is majoring in civil engineering at Gonzaga University. He will intern at the Oregon Department of Transportation with a geo-technical engineering focus. Active in intramural sports and weight training, he plans to pursue advanced degrees and a research project performing analysis of historical Italian structures.
Michael S. Pacella, Record Scholar No. 511

Michael is working on his B.S.Ch.E. at the University of Maryland Baltimore County, where he ranks first in his class. He is spending the summer learning about specific areas of postgraduate research. He plans to work on a Ph.D. in biochemical engineering, preferably with an emphasis on mathematical modeling of biological systems.

Adam P. Pacsi, Record Scholar No. 512

Adam is majoring in chemical engineering at Tulane University. He plans to gain industrial experience, focusing on environmental issues and engineering business practices. He believes recent events will lead to an abundance of research into new technologies. He also plans to work on an M.B.A. in the evenings.

Stephanie L. Peters, Record Sch. No. 513

Stephanie is a civil engineering major at South Dakota State University, where she plans to take the Fundamentals of Engineering exam and stay for graduate school. She would like to study structural or transportation engineering. She plans to earn a P.E. and to remain involved in her community.

Johanna D. Petersen, Record Sch. No. 514

Johanna is working on her bachelor's in bioengineering at Washington State University and received the outstanding sophomore in bioengineering award. She plans to study medicine to become a doctor who also does research. Fluent in Spanish, she would also like to be involved in international missions.

Matthew E. Pierce, Record Sch. No. 515

Matthew is a C.E. major at Ohio Northern University. He believes in making a difference by helping people, and wants to enable others to make the most of their lives. He plans to accomplish this as a professional engineer, an entry-level engineer, or as president of an engineering firm. He has already been a team leader on the wind-turbine team.

James M. Polans, Record Sch. No. 516

James is an E.E. student at the University of Illinois at Urbana-Champaign. He seeks to approach biological problems from the vantage point of an electrical engineer, specifically to integrate electrical concepts into the field of biosensors. He hopes to achieve this by progressing to graduate school and then working in an industrial research post.

Matthew A. Prelee, Record Sch. No. 517

Matthew is majoring in E.E. at the University of Notre Dame. He plans on graduate school and a Ph.D., possibly in communications. He has done undergraduate research to help him decide on a specific field and has also been involved in a tutoring and literacy program for children with reading abilities far below their grade levels.

James E. Redden, Record Schol. No. 518

James is a chemical engineering undergraduate at the University of Notre Dame. Future plans include working in a medical-related field such as drug delivery or research and design of cutting edge medical technologies. He also wants to use his talents for the betterment of society, and has learned about leadership as Grand Knight of the Notre Dame Knights of Columbus.

Dheeraj Roy, Record Scholar No. 519

Dheeraj is working on a bachelor's in biomedical engineering at Drexel University, where he has been THI Vice President. He aims to complete his master's thesis and enter a research-oriented university to attain his Ph.D. and post-doctoral goals. These include a couple of years in industry, before deciding whether to stay there or pursue an academic career.

Elise M. Ryan, Record Scholar No. 520

Elise is a chemical engineering major at Miami University, where she is THI President. She is also studying paper science engineering and plans to enter that industry as a process engineer or work in research and development. As an engineer, her goal is to help in problem solving and be a component of something that improves people’s lives.

John D. Ryan, Record Scholar No. 521

John is a computer engineering undergraduate at Washington State University. Research has always interested him, and he would like to pursue a graduate degree in C.E immediately. If not, he will pursue a career in areas like robotics, hardware design, or computer security before resuming his studies.

Benjamin A. Schmitt, Record No. 522

Benjamin is majoring in biomedical engineering at Wright State University. He is an undergraduate researcher studying direct mechanical ventricular activation. Benjamin is a founding member of the local Alpha Eta Mu Beta honor society and a student ambassador. He will pursue his Ph.D. with research interests in cardiology and neurology.

David C. Shilling, Record Scholar No. 523

David is an E.E. major at the University of Notre Dame. He will intern at General Electric and continue as an undergraduate researcher in graphene transistor operation. He enjoys playing basketball, working as a lifeguard, and being active in campus organizations. He plans to pursue a Ph.D. in nanotechnology and explore careers in research and teaching.

David J. Stipe, Record Schol. No. 524

David is majoring in E.E. at Oklahoma State University. He is first bass in OSU’s Concert Choral, sang in an ensemble for the Grammy award-winning group, the King’s Singers, and is President of the THI OK Gamma Chapter. His interests are in interface design and problem solving through his passion for computers and music.

Nicholas P. Stroupe, Record Sch. No. 526

Nicholas is majoring in electrical engineering at Florida State University. He will intern with the Office of Naval Research. He works on campus and enjoys playing club roller hockey. He plans to pursue advanced degrees and continue in roles as a founding member of theEta Kappa Nu chapter and Vice President of the THI Florida Eta Chapter.

Emily Tao, Record Scholar No. 527

Emily is a Ch.E. major at the University of Connecticut, where she has been THI Treasurer. She plans to go into industry and apply her classroom knowledge. Two summers at Sikorsky Aircraft have taught her to love the corporate environment, although she does intend to work towards an M.B.A. and a master’s in materials science and engineering.

David A. Torgesen, Record Sch. No. 528

David is an electrical engineering major at Utah State University and is interested in working after graduation at either Intel or the Lawrence Livermore National Laboratory. The father of a baby girl, he took three years out of his schooling to serve a National Guard deployment in Iraq and on a church mission to Guatemala.
Noah R. Van Zandt, Record Scholar No. 529
Noah is an electrical engineering undergraduate at Cedarville University, where he ranked first in his class with a 4.0 G.P.A. Future plans include graduate studies, possibly after obtaining employment. His aim is to work in power generation and distribution, particularly in the area of renewable energy, which he believes will benefit the nation in many ways.

Katerina R. Voigt, Record Schol. No. 530
Katerina is a chemical engineering undergraduate at Kansas State University and has been active in reaching out to high school students through Engineering Ambassadors. She is interested in the biological side, and would enjoy developing new pharmaceuticals or drug delivery systems. She planned to use this summer to decide on long-term academic ambitions.

Evan J. Waddell, Record Scholar No. 531
Evan is a Ch.E. major at South Dakota School of Mines and Technology. He plans to enter a graduate program in either biochemical engineering or genetics. Areas for future focus include prospecting for novel organisms and the use of extreme enzymes to increase biofuels production. His aim is to strive to distribute and advance knowledge in any situation.

Corey T. Walker, Record Scholar No. 532
Corey is majoring in biomedical engineering at the University of Rochester, and plans to become a surgeon at an academic hospital. He is looking to research in areas like robotic surgical devices, tissue engineering, and pumps for cardiac surgery. He plans to continue research in the neurosurgery laboratory on a potential treatment for traumatic brain injury.

Devin F. West, Record Sch. No. 533
Devin is an engineering physics major at the University of Wisconsin-Madison, where he is also working on a thesis on energy harvesting from human body motion. Graduate school plans include a master's in mechanical engineering. Then he plans to work in research and development related to nanotechnology and/or alternative energy.

Kathryn A. Whitaker, Record Sch. No. 534
Kathryn is majoring in chemical engineering at Rowan University, where she ranked first in her class and is TBD President. Plans include graduate school, possibly for a Ph.D. She may also look for a job as a chemical engineer, although she would like to teach at college level later in life after gaining some experience in her field.

John-Michael E. Williford, Record No. 535
John-Michael is a biomedical engineering undergraduate at the University of Akron. He plans to stay with that subject for graduate school, and a Ph.D., before going on to be a professor. Passing on knowledge is an ambition. Research is always changing, and he wants to be at the cutting edge of discoveries that change medical treatment.

W. McNeill Williford, Record Sch. No. 536
McNeill is majoring in industrial engineering at Mississippi State University and ranks first in his class. He will begin a co-op at Diversified Technology, Inc. He is active in his Alpha Pi Mu and IEEE chapters. He plans to attend the University of Hong Kong for a global engineering exchange program, and conduct research on supply-chain management.

Stephen R. Wilson, Record Sch. No. 537
Stephen is a chemical engineering major at Louisiana State University. He is an undergraduate researcher working on micro scale lithography and will intern at Honeywell. He is active in community outreach through his church and enjoys playing music, intramural basketball, and participating in the local AIChE chapter.

James L. Woidt, Record Scholar No. 538
James is majoring in civil engineering at the University of New Hampshire. He is studying abroad in Scotland at Heriot-Watt University. He is involved in competitive track and enjoys volunteering for public races in New York. He is interested in pursuing a master's, and will graduate with a minor in business administration.

Katherine Y. Wu, Record Scholar No. 539
Katherine is a bioengineering major at the University of Pennsylvania. She is pursuing an independent study project in the Polymeric Biomaterials Laboratory. She is a Penn Chamber violinist, active in campus organizations, and will be volunteering with Unite for Sight in Ghana. She plans to attend medical school and focus her research on immunology and biomaterials.

Ashley L. Young, Record Scholar No. 540
Ashley is majoring in chemical engineering at Colorado School of Mines. She plans on pursuing a master’s of public policy at Georgetown. She is an active community volunteer and President of the Colorado Alpha Chapter of TBD. Interested in water rights and conservation issues, she would like to work for the U.S. Bureau of Reclamation.

F. Brian Yu, Record Scholar No. 541
Brian is an electrical engineering major at California Institute of Technology. He has performed research as a SURF fellow on biomedical devices. He is a member of Caltech's varsity soccer team, a tutor for high school students, and active on the engineering student-faculty committee. He plans to pursue advanced degrees and research of bio-MEMS devices.

Mary R. Yu, Record Scholar No. 542
Mary is majoring in biomedical engineering at Illinois Institute of Technology. She works at the Northwestern Memorial Hospital assisting with a clinical trial involving vascular stents. She is president of campus Com- muter Student Association and volunteered with Habitat for Humanity in Louisiana. She aspires to obtain a Ph.D. and research new biomedical discoveries.

Jerry Z. Zhang, Record Scholar No. 543
Jerry is majoring in electrical engineering and C.S. at the University of California, Berkeley. He will work in the Parallel Computing Laboratory and pursue a bioengineering minor. He enjoys game design competitions and works as a Microsoft student partner.

Trevor R. Zuroff, Record Scholar No. 544
Trevor is a chemical engineering major at Montana State University. He is an undergraduate researcher at the Center for Biofilm Engineering at MSU. He volunteers through Big Brothers Big Sisters, FIRST Robotics, and Relay for Life. He will pursue a Ph.D., a career in teaching, and research related to “bio-energy.”

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