HE FELLOWSHIP BOARD announced the selection of 102 TBP Scholars from 389 applicants for senior-year study in the 2010-11 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 12th group brings the total to 960 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 Soderberg Scholarships are sponsored by Charles R. Soderberg, MD B'39, who made a generous gift to TBP in 1998.


The Aldorf Scholarship is named for A. Clayton Scribner, NY A'39, whose 2003 bequest endows the award. The Bose Foundation funds the fourth Bose Scholarship.


Melissa L. McCoy, Nagel Scholar No. 34

Melissa is studying chemical engineering at Georgia Institute of Technology. She expects to pursue a graduate degree and then move into industrial research, where she thinks the pace will suit her personality. Internships have included design and operating experience with a mining and chemical company in Chile, and she’s spending this summer with BP working on oil exploration at a glacier in Alaska.

Chonpatin Phaiboonpalayoi, Nagel Scholar No. 35

Chon is majoring in petroleum engineering and economics at the University of Texas at Austin, where he has already completed graduate-level research. He plans to return to work in his native Thailand, although salaries are about 10 times higher in the U.S., to start work on his ambition to improve education in Thailand. He may also apply for U.S. graduate school study in petroleum engineering.

### Tau Beta Pi Names

#### 102 Scholars for 2010-11

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30  SUMMER 2010  THE BENT OF TAU BETA PI

SCHOLARSHIP

RECIPIENT

CHAPTER

FIELD OF STUDY

Stable No. 114  Jessica L. Katz  MA ‘11  Industrial Engineering
Stable No. 115  Andrew J. Komendat  NY II ‘12  Mechanical Engineering
Stable No. 116  Kelsey J. Kotur  MO A ‘11  Industrial Engineering
Stable No. 117  Yinuo P. Lin  IN A ‘11  Industrial Engineering
Stable No. 118  Christina M. Locklear  AL A ‘11  Mechanical Engineering
Stable No. 119  Erin A. McNamara  OH A ‘11  Biomedical Engineering
Stable No. 120  Joseph D. Owen  NC A ‘11  Mechanical Engineering & Physics
Stable No. 121  Katrin Passlack  AZ B ‘11  Mechanical Engineering
Stable No. 122  Carolina F. Peñateado  FL Z ‘11  Mechanical Engineering
Stable No. 123  Chris J. Searcy Jr.  AL B ‘10  Mechanical Engineering
Stable No. 124  Melissa J. Street  WA B ‘10  Mechanical Engineering
Stable No. 125  Michael C. Stromberg  NM B ‘11  Mechanical Engineering
Stable No. 126  Jessica L. Turner  MI I ‘10  Electrical & Computer Engineering
Stable No. 127  Justin M. West  WV A ‘11  Mechanical & Aerospace Engineering
Stable No. 128  Joseph F. Wilson  NH A ‘11  Mechanical Engineering
Stable No. 129  Xuyang Zhang  OH B ‘11  Mechanical Engineering

E.M. Herndon, Elsa & Peter Soderberg No. 15
Evan is an M.E. major at Purdue University and has undertaken five semesters of work experience at Toyota. He is looking forward to designing automotive engineering courses that will complement this. After graduation, he plans to establish himself in an engineering career and work part-time towards a master’s.

P.J. Morrison, Elsa & Peter Soderberg No. 15
Paul is a mechanical engineering major at the University of Cincinnati, where he’s been TBI Recording Secretary. He is also active in the flying club, qualifying as a certified private pilot. He has been a co-op at General Electric Aviation, and will apply to go to graduate school on a leadership development program there.

M.T. Pomerencie, Elsa & Peter Soderberg No. 16
Mark is an E.E. major at the University of Notre Dame, where he serves as TBI President. He came to appreciate the importance of electricity in his hometown of Springfield, MO, lost power for about two weeks in 2007 after an ice storm. He plans to concentrate on alternative energy to make a contribution in the future.

John J. Bird, GEICO Scholar No. 15
John is majoring in aerospace engineering at Wichita State University. He wants to continue developing as an engineer in graduate school and has participated in a NASA co-op program. His long-standing passion of flying sailplanes has energized with his interest in “green aviation.”

Eric S. Harper, GEICO Scholar No. 19
Eric is working on his B.S.Ch.E. at the University of Dayton, where he continues to serve as TBI President. He has been a co-op student working on solar-cell research at Wright-Patterson Air Force Base. This has raised his interest in polymers, and he’s looking into this field for doctoral studies in graduate school.

Helen E. Durand, Dodson Scholar No. 36
Helen is a chemical engineering major at the University of California, Los Angeles. She is taking an environmental option, and hopes to work ultimately in water sanitation. She would like to tackle unsanitary conditions that lead to disease in many countries and to remove chemicals from drinking water.

Kristina M. Hammarstrom, Dodson Scholar No. 37
Kristina is an engineering management major at the University of the Pacific, where she has been President of both TBI and SWE. She is applying for the university’s blended program to make an early start on her master’s. This would have an emphasis on mechanical engineering, and be followed by an M.B.A.

Pamela Jreij, Dodson Scholar No. 38
Pamela is a bioengineering major at the University of California, Riverside. She plans graduate studies leading to a Ph.D. in bioengineering, with an emphasis on biomechanics. She envisions herself as an engineering researcher developing biomedical devices to improve and enhance human health.

Justin T. Schultes, Campbell Scholar No. 23
Justin is majoring in mechanical engineering at Iowa State University. His ambition is to design and test new products for an agricultural equipment company, hoping to implement new technologies that would contribute to a cleaner environment. He plans to work for an M.B.A. part-time upon starting work.

Casey M. Clark, GEICO Scholar No. 17
Casey is working on her bachelor’s in environmental engineering at Montana Tech of the University of Montana. She is also pursuing a B.S. in mathematical sciences. This will help her to compete in industry and share her knowledge. She is interning with the world’s largest private-sector coal company.

Noah H. Cantor, GEICO Scholar No. 16
Noah is majoring in computer engineering and computer science at the University of Miami. His interest in network programming has led him into network security, with a focus on steganography, the covert transport of information by techniques like concealment in computer files. He plans to work for the government.
Benjamin R. Forry, Mentor Scholar No. 7
Ben is an M.E. major at Syracuse University, where he was TBIH Secretary and President. He is interested in finding ways to improve energy efficiency, conserve and use waste energy, and improve distribution. He plans to attend graduate school and then pursue a career in engineering research or design while earning a P.E. license.

Kevin M. Koryto, GEICO Scholar No. 20
Kevin is working on a bachelor's in biosystems engineering at Michigan State University. So far, he's developed a particular interest in water resources and sustainable design. He is keeping his options open for the future, planning to learn more about himself and to seek a career that will allow him to make a difference.

Michael W. Barton, Alfred Scholar No. 5
Michael is working on a bachelor's in aerospace engineering at Mississippi State University, where he was TBIH fundraising chair. His next step will be a master's. He would like to join NASA's Mars program. Then he wants to work in Washington, DC, as an interface between space engineers and lawmakers.

Kevin J. Vick, Stechmeier Scholar No. 2
Kevin is an engineering physics major at Case Western Reserve University. He has been on an eight-month co-op job with General Electric and plans to seek employment with a company that has a graduate development program. Continuing education is important to him, and he plans to earn both a masters and a Ph.D.

Katherine F. Maass, GEICO Sch. No. 21
Katie is majoring in chemical engineering at the University of Texas at Austin. Graduate studies will be aimed at earning a Ph.D. through performing research in drug delivery or biomaterials. She knows she can make a big difference some day to the lives of people with disorders and diseases. She has also been active in SWE.

Laura A. Divel, Fluor Scholar No. 19
Laura is majoring in civil engineering at the University of Notre Dame, and plans to remain for an M.B.A. She has a special interest in bridges, believing they connect people in many different ways. She hopes to work as a field engineer or manager of large infrastructure projects and plans to earn her P.E. license.

Michelle K. Sing, Curtis Sch. No. 3
Michelle is a polymer science and engineering major at Case Western Reserve University. Her ultimate ambition is to be a professor as she enjoys teaching others. TBIH President, she is spending this summer in Switzerland on an undergraduate research program. She plans to enter graduate school on her way to a doctorate.

A.P. VanFosson, Stanley Scholar No. 1
Alex is a chemical engineering major at the University of Iowa. He hopes to continue to graduate school to qualify for research and development. He has been working on the redesign of a chlorine generator to disinfect water and hopes to manage this through field trials in Ghana during the next three years.

Matthew D. Belley, Scribner Sch. No. 13
Matthew is majoring in mechanical and nuclear engineering at Rensselaer Polytechnic Institute, where he has been TBIH Treasurer. Research projects included thermoelectric devices, and he plans to pursue graduate studies. He hopes to intern again this summer at BAE Systems to obtain industrial experience.

Kyle E. Watters, Scribner Scholar No. 14
Kyle is majoring in Ch.E. at Rensselaer Polytechnic Institute, where he has been TBIH Corresponding Secretary and President. He is focusing on his minor of biology and is interning this summer at a biotech company. He is still deciding on whether to continue for a Ph.D. in engineering or biology or to enter medical school.

Katherine F. Maass, GEICO Sch. No. 21
Laura is majoring in civil engineering at the University of Texas at Austin. Graduate studies will be aimed at earning a Ph.D. through performing research in drug delivery or biomaterials. She knows she can make a big difference some day to the lives of people with disorders and diseases. She has also been active in SWE.

Avantika Agrawal, Althouse Scholar No. 4
Avantika is working on her bachelor's in computer science engineering major and also on economics at the University of Pennsylvania. She hopes to work for Microsoft, where she's already interned, before continuing for a master's in computer science engineering. Her dream is to lead a technology start-up.

E.A. Henderson, Lindenburg Sch. No. 1
Emily is majoring in civil engineering at Utah State University, where she has served as TBIH Vice-President and now serves as President. She plans to seek a master's in transportation or structural engineering and expects to decide after internships. She has also been active in ASCE, SWE, and Engineers Without Borders.

Jennifer A. Johnson, Lindenburg Sch. No.2
Jennifer is a civil engineering major at Clemson University, where she has been TBIH Vice-President and now serves as President. She is focusing on transportation systems, hoping to tackle problematic issues like gas consumption, congested highways, and deteriorating infrastructure. She plans to pursue her master's.

Lonna Gordon, Anonymous Scholar No. 4
Lonna is majoring in chemical engineering at the Polytechnic Institute of NYU. She already has a degree in English and psychology. She is interested in developing medicines, and her graduate school plans are focused on biotechnology research. She believes that this will help her bridge the worlds of business and science.

Michael W. Hackemack, Mitchell Sch. No. 1
Michael is majoring in nuclear engineering at Texas A&M University, where he has served as TBIH Recording Secretary. He plans to include graduate classes in his final year and continue research to prepare for an early start on a master's. He then plans to begin work on a career in the nuclear industry.

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Tyler K. Andrews, Record Scholar No. 545
Tyler is majoring in civil engineering at Clemson University, where he plans to remain for a master's in structural engineering. He has been studying structural health monitoring and may pursue it as a career. Interested in the monitoring and preservation of historical structures, he may also continue for a doctorate.

Yacub E. Bholat, Koff Van Oosterwijk No. 2
Yacub is majoring in civil engineering at Loyola Marymount University. Graduate school plans include an accelerated program to obtain a master's in one year. He plans to pass the Fundamentals of Engineering examination on his way to becoming a professional engineer.
Brock B. Argyle, Record Scholar No. 546
Brock is a Ch.E. major at Brigham Young University, where he has been TBI Vice President. He is interning with ExxonMobil and wants to gain new insights and perspective into the energy industry. He plans to join the firm after graduation and to work toward an M.B.A. and his family's future.

Olga A. Beltsar, Record Scholar No. 547
Olga is a C.E. major at the University of Notre Dame. She plans to make international collaboration a theme of her career because she believes it will produce the most effective and innovative engineering solutions. Graduate studies will be aimed at a Ph.D. in structural and geotechnical engineering.

Cynthia E. Chen, Record Scholar No. 548
Cynthia is a Ch.E. major at the University of Texas at Austin and plans to study for a Ph.D. at a top university. Her research interests include manipulating transport and mechanical properties of polymers and applying nanotechnology to develop new and alternative energy sources.

David L. Freese, Record Scholar No. 549
David is an E.E. major at the University of Nebraska-Lincoln, where he has been TBI Recording Secretary. He will continue his minors in physics and political science and continue for an engineering master's. He then plans to enter law school and become involved in the creation of public energy policy.

Alisha M. Gillis, Record Scholar No. 551
Alisha is an E.E. major at Brigham Young University. She's spending the summer getting married and interning with Raytheon, before graduating with an English minor. She is looking at signals and systems, or electromagnetics, for graduate school. She has worked on a program to enroll minority students in college.

Anna K. Hailey, Record Scholar No. 552
Anna is a chemical engineering major at the University of Mississippi, where she is also majoring in chemistry and Chinese with a minor in intelligence and security studies. She plans to pursue a Ph.D. in chemical or environmental engineering and has been spending summers researching at a Chinese university.

John G. Hoppe IV, Record Scholar No. 553
John is a civil engineering major at Clemson University, where he is also completing a minor in business administration. He is interning this summer and plans to find an entry-level job in a structural or transportation disciplined firm. He is interested in buildings and bridges in mountainous or coastal areas.

David F.-C. Hsu, Record Scholar No. 554
David is working on his E.E. bachelor's at the University of Illinois at Urbana-Champaign, where he has been doing semiconductor research. He planned to work on nanophotonics this summer at Japan's Institute for Materials Science. He is fluent in English, Chinese, and French and is learning Japanese and German.

Sean T. Hunt, Record Scholar No. 555
Sean is majoring in chemical engineering and chemistry at the University of Delaware. He plans to enroll in graduate school at a research university in pursuit of a Ph.D. in chemical engineering. This summer, he is on his second internship at Merck and Co., Inc., and he has worked with the U.S. Navy.

Jonathan D. Jones, Record Scholar No. 556
Jonathan is majoring in Ch.E. at the University of Mississippi. He has been researching ways to calculate a return on investment of “green” aspects of new construction. He is applying to Teach for America and believes that this first career would define him in the future as a member of the workforce.

Kevin A. Lepre Jr., Record Scholar No. 557
Kevin is a chemical engineering undergraduate at the University of South Alabama. As a graduate student, he hopes to learn what is expected of a chemical engineering professor. This means gaining experience in research, teaching, and learning how to work with both industrial and university personnel.

Tai T. Luu, Record Scholar No. 558
Tai is majoring in civil engineering at the New Jersey Institute of Technology, where he has been TBI Treasurer. He plans to take the EIT exam on the path to licensure and enter the workforce after graduation. He then intends to take night classes and pursue a master’s in transportation engineering.

Michael I. Levine, Record Scholar No. 559
Michael is a computer engineering major at the University of Massachusetts Lowell. He plans to join a fast-track program for bachelor's and master's degrees. His goal is to become a design engineer whose main focus is embedded systems. He has found interning to be a positive, career-building experience.

Kevin E. Lindsay, Record Scholar No. 560
Kevin is a biomedical engineering undergraduate at Mercer University. He has been working on bioinstrumentation and techniques to measure bodily signals. He sees this symbolic language of the brain as one of the last frontiers of discovery left in medicine—and perhaps the most important for the disabled and mentally ill.

Michael P. Litchfield, Record Scholar No. 561
Michael is majoring in E.E. at the University of New Hampshire. Graduate school is one option for the next phase of his life, and he is looking at areas for possible study. He may go directly into industry and pursue further education there or else spend some time abroad with an engineering-focused ministry group.

Qingyi Liu, Record Scholar No. 562
Qingyi is an M.E. major at the University of Cincinnati, where she has been interested in nanoscale science and technology. She plans to pursue a master's or doctoral degree to equip herself best to explore the unknown world. She wants to go on collaborating with others and gaining experience.

Daniel S. Livermore, Record Scholar No. 563
Danny is a chemical engineering undergraduate at the University of Wisconsin-Madison. His passion for the outdoors means that he wants to make agriculture sustainable and more productive for the future. He hopes to find a position making more environmentally friendly fertilizers, herbicides, and pesticides.
Chandra A. Macauley, Record Sch. No. 564
Chandra is majoring in chemical engineering at Montana State University. She has recently been on an international exchange at Malardalen University in Sweden, taking part in an energy engineering program. Graduate studies will be aimed at a doctorate in materials science related to alternative energy.

Derrick C. Nelson, Record Sch. No. 565
Derrick is an E.E. major the University of South Alabama. He plans to study for a masters in control systems or digital systems. He is spending this summer with a team gathering results from hardware and software tests that will be used in a civil engineering project, as well as a gerontology study.

Joseph C. Nelson, Record Sch. No. 566
Joseph is a Ch.E. undergraduate at the University of Alabama, where he has been TBIH Corresponding Secretary. He plans to continue for a Ph.D., most likely concentrating on chemical reaction engineering. He believes that industrial contacts from his work experience will allow him to transition to an R&D team.

Aminy E. Ostfeld, Record Sch. No. 571
Aminy is a Ch.E. undergraduate at Brown University. She plans to pursue a career in photovoltaics research and development, believing that solar will eventually replace fossil fuels as society’s primary energy source. Graduate studies will be aimed at a Ph.D. in chemical or electrical engineering.

Beatris R. Rusu, Record Scholar No. 577
Beatris is a computer systems engineering student at Arizona State University. She is completing a summer internship at Intel before starting her senior year. She plans graduate school on her way to a Ph.D. and is interested in working in industry. She also hopes to encourage other young women to seek engineering careers.

Matthew C. Peters, Record Sch. No. 573
Matthew is majoring in engineering physics at Tulane University, where he is TBIH President. His work in the New Orleans public school system has led to his decision to become a teacher. He will be applying to the Teach for America program to prepare himself. He then plans to attend graduate school for a Ph.D.

Andrew D. Smith, Record Sch. No. 579
Andy is an E.E. major at the South Dakota School of Mines and Technology, where he has earned academic All-American honors and first-team All-American status as a kicker. He hopes to graduate into a job as a power-plant engineer or with a power-distribution company, hoping to someday return to small-town life.

Angela N. Oguna, Record Scholar No. 568
Angela is an electrical engineering major at the University of Kansas. After graduating, she hopes to become an engineer with a power company, specializing in generation and distribution. Then after two years of experience, she believes she will understand industrial needs and be ready to pursue graduate studies.

Mark A. Pingsten, Record Sch. No. 574
Mark is an electrical engineering major at Case Western Reserve University, where he is in a B.S./M.S. degree program. He hopes to enter General Electric’s two-year, rotational engineering development program and has already been on a co-op assignment with the firm. He would complete his master’s while working.

Louis G. Reis, Record Scholar No. 575
Louis is majoring in biomedical and chemical engineering at Louisiana Tech University. He plans to apply for graduate school and believes that two degrees in different disciplines will give him more opportunities in choosing a specific field. He currently plans to work for a biomedical engineering master’s and Ph.D.

Manuel R. Renkoski, Record Sch. No. 1576
Mike is studying for a bachelor’s in metallurgical engineering at the Missouri University of Science and Technology. He is also currently working with Engineers Without Borders on a bridge system for a community in Bolivia. He plans to attend graduate school, and his ultimate goal is to work as a metallurgist.
Patrick is a mechanical engineering major at the University of Louisiana at Lafayette. After graduation, he plans to work in the engineering sector for at least a year and then take medical-school admission tests. He is confident that his engineering background will serve him well in medical studies.

Marissa is majoring in chemical engineering at Alfred University. She has spent a semester at the University of Sheffield in England. She plans to pursue a graduate degree in environmental engineering, either in a Peace Corps master’s international program or by entering a traditional doctoral program.

Bridget is an E.E. major, focusing on the power field, at the University of Idaho, where she is THB President. She plans to attend graduate school for either an M.B.A. or an E.E. master’s. She hopes to use her power studies to work on an efficient renewable energy source. She is pursuing internships.

Jingwei is a biomedical engineering major at the City College of New York. He plans to continue for a Ph.D. His research focus will be tissue engineering and regenerative medicine for bones and joints. He spent last summer working on a bone-regeneration project at a research institute in Germany.

Ryan is majoring in chemical engineering at the South Dakota School of Mines and Technology. He is completing studies as an exchange student in Germany. He would like to work for a global company in chemical manufacturing or refining. He plans to begin studying for an M.B.A. soon after starting work.

Patrick is a mechanical engineering major at the University of Cincinnati. He has been interning as an engineer with Raytheon this summer. He plans to move to the Rockies and would like to join an engineering firm that works to improve the environment. Future plans include a master’s.

Greg is majoring in M.E. at the University of Cincinnati. He has become interested in sustainable practices and been active in Engineers Without Borders. He seeks a career that would allow him to help people, from sustainability to medical advances. He is on a co-op program with GE Healthcare involving cooling CT scanners.

Marissa is a materials science and engineering major at Alfred University. She is pursuing internships.

Joshua is a mechanical engineering undergraduate at Louisiana Tech University and plans to take the F.E. examination. He expects to obtain some engineering experience in the workforce and then pursue a graduate degree. He is on his second internship with an oil company, which he hopes may become full-time.

Jingwei is a biomedical engineering major at the University of Idaho, where she is THB President. She plans to study for a master’s and possibly a doctorate. She has completed a co-op assignment with an international vehicle exhaust systems manufacturer and plans to complete her thesis there, examining quality of welds produced by different wires.

Benjamin is majoring in mechanical engineering at the United States Naval Academy. He plans to be commissioned into the U.S. Marine Corps and become an aviator. He will apply for a program to allow him to attend a civilian graduate school and, after infantry officer training, progress to flight school.

Colin is double majoring in M.E. and E.E. at Louisiana Tech University. He has undertaken electrical design and substation and transmission design as an intern and is working this summer at Shell Oil’s wind-energy unit, to combine skills from his majors. He plans to intern again for experience to lead to a career.

Greg is majoring in M.E. at the University of Cincinnati. He has become interested in sustainable practices and been active in Engineers Without Borders. He seeks a career that would allow him to help people, from sustainability to medical advances. He is on a co-op program with GE Healthcare involving cooling CT scanners.

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Marissa is a materials science and engineering major at Alfred University. She has spent a semester at the University of Sheffield in England. She plans to pursue a graduate degree in environmental engineering, either in a Peace Corps master’s international program or by entering a traditional doctoral program.

Bridget is an E.E. major, focusing on the power field, at the University of Idaho, where she is THB President. She plans to attend graduate school for either an M.B.A. or an E.E. master’s. She hopes to use her power studies to work on an efficient renewable energy source. She is pursuing internships.

Jingwei is a biomedical engineering major at the City College of New York. He plans to continue for a Ph.D. His research focus will be tissue engineering and regenerative medicine for bones and joints. He spent last summer working on a bone-regeneration project at a research institute in Germany.

Ryan is majoring in chemical engineering at the South Dakota School of Mines and Technology. He is completing studies as an exchange student in Germany. He would like to work for a global company in chemical manufacturing or refining. He plans to begin studying for an M.B.A. soon after starting work.

Patrick is a mechanical engineering major at the University of Louisiana at Lafayette. After graduation, he plans to work in the engineering sector for at least a year and then take medical-school admission tests. He is confident that his engineering background will serve him well in medical studies.
Erin is majoring in biomedical engineering at Western New England College. She is preparing to become an engineer, working in healthcare, or to undertake a career in medicine, as a family physician. She has taken the necessary engineering courses, as well as the pre-med requirements to apply for medical school.

Andrew is studying mechanical engineering in a B.S./M.S. program at the Rochester Institute of Technology. He has been focusing on systems and controls. He is spending six months on two co-op assignments, hoping to learn about organization and dealing with coworkers. He would like to work in aerospace eventually.

Yinuo is majoring in industrial engineering at Purdue University. She plans to continue to graduate school and then join the workforce. She is spending the summer interning at Dell, with a personal focus on supply-chain strategy. She is also working on software engineering to prepare for life in the information era.

Christina is an M.E. major at Auburn University. She is currently active in ROTC and plans to be commissioned into the U.S. Air Force. She hopes her first assignment will be as a maintenance officer, working on fighter jets. She has already spent a summer interning with the U.S. Army at Redstone Arsenal.

Melissa is an M.E. and Spanish major at Washington State University. She plans to pursue a master’s degree in the aerospace field and hopes to explore new frontiers working for NASA, where she has already interned. NASA’s cultural diversity would also make use of her Spanish language and culture major.

Michael is majoring in mechanical engineering at the University of New Mexico. He has been interning at Sandia National Labs and has also been active in Engineers Without Borders, working on a program with an indigenous group in Bolivia. Graduate school plans are focusing on either aerospace or biomedical engineering.

Jessica is an electrical and computer engineering student at the University of Michigan-Dearborn and is TBI Vice President. She believes the future of humanity lies in space, and her aspiration is to be a NASA engineer. She interned with a NASA contractor at Johnson Space Center, watching a launch from mission control.