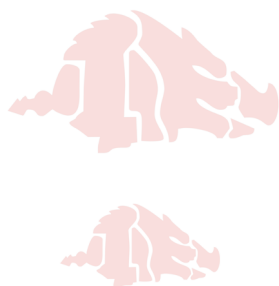
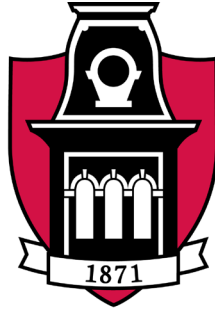




SCHOLARSHIP RECIPIENTS
2012-2013

DEPARTMENT
OF
INDUSTRIAL
ENGINEERING





4207 Bell Engineering Center • Fayetteville, Arkansas 72701 • 479-575-3156 • 479-565-8431 (FAX)

College of Engineering
Department of Industrial Engineering

On behalf of the Department of Industrial Engineering, I take great pleasure in presenting to you our 2012-2013 departmental scholarship recipients. These students have proven themselves to be excellent students and citizens, and we are proud to have them as part of our program.

For the 2012-2013 academic year, we have awarded \$39,500 in scholarships to 29 industrial engineering students. Clearly, this would not be possible without the generous financial support of the Arkansas Academy of Industrial Engineering and several other members of our industrial engineering family. The students, faculty and staff of the Department of Industrial Engineering are most thankful for this support.

If you have questions about our scholarship program, please do not hesitate to contact me at (479) 575-6735 or cassady@uark.edu.

Sincerely,

A handwritten signature in black ink, appearing to read 'C. Richard Cassady'.

C. Richard Cassady
Professor
Chair, Scholarship Committee



Ryan Black — Graduate, St. Louis, Missouri

Eric Malstrom Endowed

Memorial Scholarship \$500

Ryan decided to come to the University of Arkansas during a visit to campus. During his four years as an undergraduate student he was engaged in many academic and extracurricular activities outside the classroom. As a freshman he was founder and president of the University of Arkansas disc golf club. He created a sponsorship program, organized local and collegiate tournaments, and developed a competitive disc golf team that has been top ranked since the inception of collegiate disc golf. Ryan began doing research with Dr. Chimka in the area of statistical quality control as a sophomore. He has presented this research at various conferences across the nation and has competed in several poster competitions. Last summer, his honors thesis titled “Re-estimating and Remodeling General Aviation Operations” was published in the *International Journal of Applied Aviation Studies*. In addition to this research, Ryan has completed several internships - most notably, a Supply Chain Co-op with Nestle Purina Petcare in the Summer of 2010. Ryan began his Masters degree immediately after completing his B.S. in May 2011. He has also worked on an Inland Waterways Project directed by Dr. Nachtmann. Ryan began work on his Masters Thesis and presented his preliminary work at the 2011 INFORMS conference in Charlotte, South Carolina. Recently, this work was submitted to the *Journal of Quality Engineering*. Ryan says he has accomplished a lot in his time at the University of Arkansas and hopes to accomplish much more during his final semesters.



Daisha Booth — Senior,

Little Rock, Arkansas

AAIE Robert and Ellen Etien Scholarship \$1000

Daisha Booth is a junior industrial engineer. She was born and raised in Little Rock, AR, and is the oldest of three children. While completing three years of study in Fayetteville, Daisha has enjoyed the Industrial Engineering program, the city of Fayetteville, and living the life of an ultimate Razorback fan. With roughly three semesters left, she has learned the importance of a diligent work ethic, supportive family and colleagues, and is anxious to see what opportunities unfold in the near future.

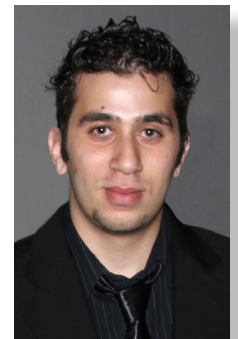


Othman Boudhoum — Junior,

Agadir, Morocco

AAIE Jim and Pat Hubbard Scholarship \$2000

Othman Boudhoum was born in Morocco. His father, Abdellah Boudhoum, is a Geography Professor, and his Mother, Lella Nezha Abouelfaraj, is an Arabic Language professor. Othman attended high school in Morocco, and immediately after he graduated, moved to Arkansas to finish his studies. He joined the University of Arkansas in spring 2009 after attending the Northwest Arkansas Community College for two semesters. Currently Othman is a junior majoring in industrial engineering with a minor in mathematics. He is also very involved in organizations around campus which enhances his leadership skills. Othman has served as the president of the International Students Organization and the director of Cultural Diversity with the Associated Student Government as well as many other leadership positions.



Sandra Carrasco — Junior,
Chihuahua, Mexico

Taft, O'Neal, Geels Scholarship \$2000

Sandra's hometown has a large number of American manufacturers. This was a key reason she chose industrial engineering. Improving the environment in those factories, mainly for women, is another reason. She is currently a double major in industrial engineering and Spanish. During the spring of 2012 she began research on emergency medical response via inland waterways with Drs. Nachtmann and Pohl. She has also done research on femicide in Ciudad Juarez, Chihuahua for her Spanish major. This subject is closely associated with the manufacturing industries in her state. Sandra's goal is to create a women's resource center to improve quality of life for the women of her community. Sandra says she has learned to make decisions that lead to allocating the best resources, maximizing the utilization of time, and making things better. This summer, she will be applying her skills in Ankara, Turkey where she will be working with mentally disabled children by improving their school building and educational system. Sandra studied English at Spring International Language Center at the University of Arkansas the fall of 2008 where she shared the classroom with other international students. She loves to interact with people from around the world and learn from other cultures. Currently, Sandra is learning Arabic, and in the spring of 2013 she will be studying at Qatar University for a semester. Sandra says it will be a first-hand opportunity to see what life is like for women in the Middle East which will give her valuable experience to use in the development of the women's resource center.



Rob Curry II — Junior, Percy, Arkansas

AAIE Dana and Christie Sedgass Scholarship
Honoring Hamdy Taha \$2000

Rob is the son of Mark and Susan Curry. He is a junior industrial engineering major from Hot Springs, Arkansas. Rob's favorite hobbies are fishing and going to pretty much any University of Arkansas sporting event, especially baseball. Rob says he has had the great opportunity to conduct research with Dr. Meller. The main project that he has been working on is a decision support based warehouse design tool to aid in the warehouse design process. Rob's plans upon graduation are to attend graduate school to pursue his Master's or Ph.D. in industrial engineering. His summer plans include an internship with Anheuser-Busch where he will be working with their wholesaler routing group.



Danny Dixon — Junior,
Sherwood, Arkansas

AAIE Jim and Annette Hawkins Scholarship \$500
AAIE Bob and Mary Ann Mckuin Scholarship
Honoring Bernice McKuin Lindley \$500

Danny is the son of Thelma Dixon. He graduated from Sylvan Hills High School in 2009. He is a junior in the industrial engineering program at the University of Arkansas and plans to graduate in 2013. Currently Danny is working with Professor Rardin for the Center for Innovation in Healthcare Logistics (CIHL). He is an active member of Students in Free Enterprise (SIFE), the National Society of Black Engineers, and the Society of Professional Engineers. Danny chose industrial engineering because he wants to own his own business. Industrial engineering is the ideal major for him because it integrates engineering and business. In his spare time, Danny enjoys shopping, reading, and doing pilates.



Marco Antonio Guerrero — Junior,
Springdale, Arkansas

AAIE Bill and Pat Keltner Scholarship \$500
AAIE Alice and Palmer Terrell Scholarship \$500
AAIE Jim and Jane Townsend Scholarship \$500

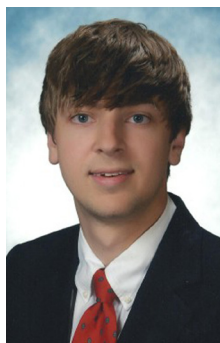
Marco was born in Delicias, Chihuahua, Mexico. He moved to the United States at the age of 4 with his mother and brother. Growing up in the United States as a first generation immigrant he has witnessed the struggles of trying to make a living in a foreign country. He believes that coming to the United States is the best decision his family has made, because it has given them the chance to pursue the “American Dream.” Marco lists the example of having been granted the amazing opportunity to receive an education at one of the finest institutions in the country, and he plans to make the most of this opportunity. To relax he plays guitar and when the weather is nice he loves to golf. Recently he has taken up racquetball, which quickly became one of his favorite sports. He loves the outdoors and enjoys mountain biking and fishing. Traveling is also a favorite activity; this summer he plans to study abroad in India.



Brian Patrick Henry — Junior,
Little Rock, Arkansas

John and Lois Imhoff Endowed Scholarship \$1500

Brian is a junior industrial engineering major from Little Rock, Arkansas. He says he always wanted to come to the University of Arkansas and since being here, he has maintained a GPA of 3.45. Brian is also very involved all over campus. He was elected from the College of Engineering and served as Associated Student Government Senator for one year. He is also a founding father for the Phi Delta Theta chapter and served in multiple officer positions in his fraternity. A member of the Institute of Industrial Engineers, Brian is constantly looking for ways to give back to his university and community.



Taylor Kitchens — Senior,
Hot Springs, Arkansas

Ron and Betty Morris AAIE Scholarship \$1500

Taylor Kitchens is the daughter of Candace and Pete Kitchens. She is a senior at the University of Arkansas and graduated from Hot Springs High School in 2009. She is an active member of the Institute of Industrial Engineers chapter on campus and is currently working under Dr. Rainwater on a project for the Department of Homeland Security. Taylor spent last summer in Fort Smith, Arkansas working at ABF Freight as an industrial engineering intern for the Engineering department. She is returning to ABF this summer to work as an intern for the Pricing department. She is very active in her local Church, St. Thomas Aquinas University Parish, where she loves studying and spending time. In her free time, Taylor also enjoys rock climbing, reading books, and being outside.



Rachel Kuklenski — Junior
Lee's Summit, Missouri

AAIE Duane and Mary Neal Scholarship \$500
AAIE Scholarship \$500

Rachel was diagnosed at age seven with ADD/ADHD, and says she struggled her whole life re-teaching herself information or trying to remember it. Rachel always enjoyed school even with those struggles and has learned to manage them. When her mother was diagnosed with breast cancer in 2008, the medical bills sent her family into bankruptcy. Rachel's strength and drive to always believe in her dreams came from witnessing her mother's battle. Having seen firsthand the excessive cost of healthcare, she hopes to use her education to change the structure and operation of hospitals to streamline services and to reduce patient costs. Rachel has overcome many struggles in life, which have resulted in her independence, determination and drive.



Marqueeta Arshae' Lollis — Senior,
Woodville, Mississippi

AAIE Al and Paula Taylor Scholarship \$500
AAIE Bill and Margaret Harrison Scholarship \$500

Marqueeta is a senior industrial engineering major from Woodville, Mississippi by way of Baton Rouge, Louisiana. She is the daughter of Rita and John Lollis and a spring 2011 transfer student from Prairie View A&M University in Prairie View, Texas. She is actively involved as a University Student Ambassador with the office of admissions, a member of Alpha Pi Mu National Industrial Engineering Honor Society, the Public Relations Chair for the National Society of Black Engineers, and a volunteer with Big Brothers Big Sisters of Northwest Arkansas. As a candidate for a Bachelor's of Science in Industrial Engineering, she has decided to use her degree to help alleviate the high cost of services rendered through healthcare. It is her goal to specialize in healthcare innovation and to work within that field to help companies and hospitals increase the quality of services while minimizing the cost. Her motto for success is "In order to succeed, your desire for success should be greater than your fear of failure." ~ Bill Cosby



Sara Mouzabi — Sophomore,
Casablanca, Morocco

AAIE Palmer and Alice Terrell Scholarship
Honoring Rick and Kathy Malstrom \$1000
AAIE Bob and Jo Davidson Scholarship \$500
AAIE Buck and Colleen Johns Scholarship \$500

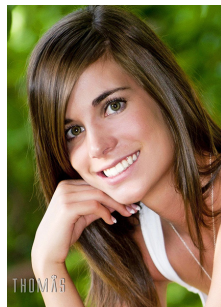
Sara was born in Casablanca, Morocco. Her parents are Jalal Mouzabi and Ratiba El Ammouri. At the age of fifteen she moved to United States for an education. At the age of sixteen, Susan Hillyer, adopted Sara into her family. Sara studied at the Northwest Arkansas Community college for two and a half years before coming to the University of Arkansas. She is studying industrial engineering with an emphasis in logistics and transportation. Sara feels honored to be taking classes from such remarkable and respectable professors such as Drs. White and Buyurgan. Upon finishing her bachelor's degree, she plans to pursue a Master's of Business Administration. Sara says that "although I came with a dream and a will to succeed, the road I've traveled has not been smooth. Still, I am determined to work as hard as I need to fulfill what I came here to do."



Sarah Martin — Freshman,
Blytheville, Arkansas

AAIE John English Family Scholarship \$500
AAIE David and Nancy Foust Scholarship \$500

Sarah is the daughter of Brent and Laura Martin of Blytheville, Arkansas. She graduated with honors from Cooter High School, Cooter, Missouri in 2011. When Sarah came to the University of Arkansas, she still wanted that feeling of closeness, so she joined the fraternity Zeta Tau Alpha. She has also found good friends and a sense of unity in her classes in the College of Engineering. During her first semester Sarah has secured a GPA of a 4.0 and has also gained a leadership position in Zeta Tau Alpha as Co-Chaplain where she leads the members in bible studies and other spiritual events. Sarah is excited to continue her college career in industrial engineering, and hopes to continue meeting new people and making more connections.



Allen Mutoni — Sophomore, Rwanda

John Selig Scholarship \$1000

Allen Mutoni is the daughter of Anne and Anaclet Ruzindana. She grew up in Rwanda and is majoring in industrial engineering with a minor in mathematics. She chose industrial engineering because of her interest in math, science and problem solving. Over the summer, she plans to go to Rwanda to intern for INYANGE, a beverage industry in Rwanda. In her free time, she enjoys reading novels, playing basketball, shopping and hanging out with friends and family.



Maxine Phansiri — Senior
Van Buren, Arkansas

AAIE Scholarship \$1000

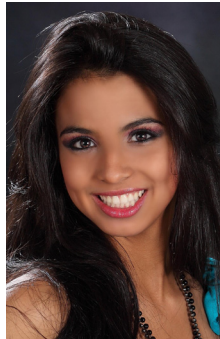
Maxine is the daughter of Andrew and Virakhone Phansiri. She is from Van Buren, AR, where she graduated from Van Buren High School in 2008. She plans to graduate with a BSIE in December 2012. Maxine is currently the Vice President of the Math, Science, and Engineering sorority, Phi Sigma Rho - Kappa chapter. She is also the current secretary of the University of Arkansas IIE student chapter, and an active member of the Lao American Organization, an ethnic organization she helped to co-found in the fall of 2009. During the summer and fall 2011 terms, Maxine held a full time Plant Engineering CO-OP position at Rheem Manufacturing in Fort Smith, AR. In her free time she enjoys watching movies, being outdoors, and spending time with friends and family.



Carolina Quiroga Trigo — Freshman,
Tarija, Boliva

AAIE Wayne and Bonnie Crandell Scholarship \$500
AAIE Bill and Mary Lou Cravens Scholarship \$500

Carolina is the daughter of Juan Carlos Quiroga and Rosa Elena Trigo. She is a Bolivian student pursuing her B.S. degree and looking forward to obtaining a minor degree in Business Administration. Carolina is a new member of the Institute of Industrial Engineers, the International Bolivian Organization, and she is also part of the Honors College of Engineers. Upon graduation Carolina plans to return to Bolivia to apply her knowledge and experience in benefit of her family business. In her spare time she enjoys talking with her family, being with friends, watching movies and learning other languages.



Artsiom Revin — Graduate,
Osipovichi, Belarus

Eric Malstrom Endowed
Memorial Scholarship \$500

Artsiom is the son of Aliaksander Revin and Larisa Revin. He graduated from Osipovichi's School #4 in 2006 located in Osipovichi, Belarus, and received his Bachelor Industrial Engineering degree in August 2011. Currently, Artsiom is pursuing his Masters in Industrial Engineering and planning to graduate in December 2012. For this summer, Artsiom is planning to work on a research project and take an independent study course from the department. In his free time, Artsiom enjoys hanging out with friends, cooking, talking to his parents, playing intramural sports, watching movies, playing golf, tennis, and running.



Kelli Schlais — Junior,
Stillwater, Oklahoma

AAIE Lowrance and Marilyn
Hodge Scholarship \$500
AAIE Ralph and Andrea
Sandage Scholarship \$500

Kelli is the daughter of Tim and Becky Schlais. She was born and raised in Stillwater, Oklahoma. She and her family enjoy the outdoors and sports and are very close. Arkansas baseball is one of her favorite sports and when she is not watching sports, she also loves to read. From a very young age Kelli knew her career path would center on two of her favorite subjects, science and math. She chose industrial engineering because of the opportunity to use these subjects. Kelli is interested in operations management and in the lean engineering side of big business, dealing with making them more efficient.



Jordan Sonnentag — Junior,
Bentonville, Arkansas

AAIE John and Helen Selig Scholarship \$500
AAIE Hamdy and Karen Taha Scholarship \$500

Jordan Sonnentag came to the University of Arkansas from Bentonville High School as an honors graduate in the fall of 2009. His strong passion for innovation and leadership compelled him to study industrial engineering. Since his arrival at the UofA, he has been actively involved in a variety of campus organizations, including student congress, philanthropy efforts and the IE department.



He is currently working on undergraduate research and is also the treasurer for the Institute of Industrial Engineering. Jordan's drive for personal growth has led him to a semester Co-Op Program in engineering with Lockheed Martin. He also went to Belize as a student of the study abroad program. Outside of school he takes full advantage of his free time by being involved with church and with spending time with family and friends. His interests are sports, reading, learning, the outdoors and most importantly, the Hogs.

Emily Strickland — Senior,
Eagle River, Alaska

AAIE Scholarship \$1000

Emily is very excited to be entering into her senior year at the University of Arkansas. She says she has been blessed the past two years with an Industrial Engineering Scholarship that has helped ease the financial burden on her. This semester she has been interning at Marshalltown Company in Fayetteville, Arkansas.



Emily says she has been able to use everything that she has learned to be successful with her internship. Last semester she was able to be a part of Disability Awareness and helped to conduct the first ever disability awareness week on campus. Emily says, "it was such a rewarding experience." Emily is very thankful for the funds that have been provided for her last year as a student.

Nicole Taborga — Freshman,
La Paz, Bolivia

AAIE Dewey and Catherine
Freeman Scholarship \$500

AAIE Bill and Margaret
Harrison Scholarship \$500

Nicole Taborga was born in La Paz, Bolivia. Her parents are Gonzalo Taborga and Patricia Delius. In high school, Nicole was very dedicated to her studies and was recognized as the third best student in her class. She followed this thru to completion and graduated with a diploma.

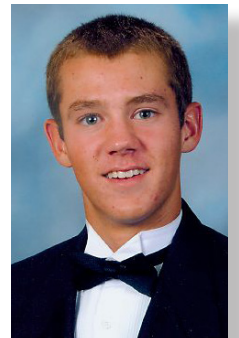


Nicole is a very persevering person who endeavors to achieve her goals. When difficulties manifest themselves, she finds a way to overcome, finishing what she starts. Nicole says she came to the University of Arkansas to obtain her industrial engineering degree because she wants to be "internationally minded and receive the best education possible to succeed professionally." She chose this discipline because she is interested in learning to work efficiently and cooperate with other people within a company. Nicole's aspirations for her college years are to gain new experiences and improve her interpersonal and leadership skills. She is very grateful for her scholarships and says this will help her achieve her goals.

Peter Thomason — Junior,
Amarillo, Texas

AAIE Scholarship \$2000

A junior from Amarillo, Texas, Peter has always been interested in engineering. At the start of his college career, he says industrial engineering appealed to him because it deals with efficiency in processes, especially quality control. He attended Tyler Junior College in Tyler, Texas where he earned his associate degree in engineering. Peter's dad is an electrical engineer, who he says, has shown him the benefits of the engineering profession. Currently he plays tennis for the University of Arkansas, and plans to complete his bachelor's degree.



Jingjing Tong — Graduate
Dalian, China

Eric Malstrom Endowed
Memorial Scholarship \$1500

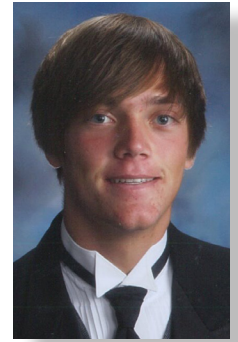
Jingjing Tong is a graduate assistant and doctoral candidate in industrial engineering at the University of Arkansas. She received her M.S. from Cardiff University, UK and her B.S. from Dalian Maritime University, China. During her undergraduate period, she received the First-level University Scholarship in three consecutive years and the Award of Outstanding Graduate of City of Dalian in 2007. Ms. Tong received the 2010 IERC Best Paper Award in the Homeland Security Track. The award-winning paper is co-written by Jingjing Tong and Dr. Heather Nachtmann and is titled “A Review of Risk Assessment Models for Inland Waterway Transportation.” She also received a Second Place Award in Supply Chain Track in the 2012 Graduate Student Research Poster Competition at the University of Arkansas. Ms. Tong has presented her research in 2011 IERC, 2011 INFORMS, 2010 and 2011 MBTC Jack Buffington Poster Sessions. She is also a paper reviewer for 2011 IERC and 2012 ISERC. Since studying at the University of Arkansas in 2010 fall, Ms. Tong has published one journal paper (co-written with Dr.Chimka), one conference paper (co-written with Dr.Nachtmann). Another conference paper has been accepted recently (co-written with Dr.Nachtmann). Her current research interest is to develop a cargo prioritization model in the event of a catastrophic disaster for inland waterway transportation. She is a member of IIE, INFORMS, Alpha Pi Mu and CSSA. Ms. Tong also performed a number of community volunteer works such as the volunteer in the Summer Davos Economic Forum at Dalian in 2009, Joplin Storm Recovery Volunteer and Volunteer in Juvenile Detention Center at Fort Smith in 2011.



Brian Trussell — Freshman, Aledo, Texas

AAIE Scholarship in Memory of Bill Keltner \$1000

Brian is the son of Frances and Emmett Trussell of Aledo, Texas. He chose industrial engineering because he enjoys the integration of engineering and business. In the future Brian hopes to get an internship at Lockheed Martin and possibly to work for them. Currently he is a member of the University of Arkansas Ultimate Frisbee Team. In the summer, Brian enjoys going on mission trips with his church.



Morgan Ulesich — Senior,
Willard, Missouri

AAIE Ron and Betty Morris Scholarship \$1000
AAIE Scholarship \$2000

Morgan is the daughter of LaVern and Ginger Ulesich, from Willard, Missouri and is a 2009 graduate of Willard High School. Morgan is a senior industrial engineering honors student. She is an officer for the IE honors society, Alpha Pi Mu, and an active member of the Institute of Industrial Engineers. Morgan is currently researching with Dr. Pohl to perform gap analyses of retail and healthcare supply chains. She enjoys winning intramural championships, relaxing in her hammock, and watching football. Morgan’s all-time favorite NFL team is the Green Bay Packers, and she loves to cheer them on with the rest of her family. This summer, Morgan is working with ABF Freight in Fort Smith, Arkansas as an industrial engineering intern.



Luis Bernardo Vargas Rojas — Senior,
Cochabamba, Bolivia

John and Lois Imhoff Endowed Scholarship \$1000

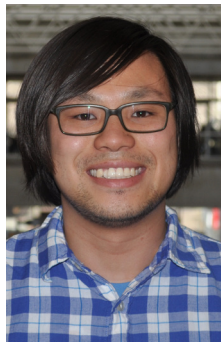
Luis is from Cochabamba, Bolivia. He graduated from San Agustin High School in 2008. Luis started his college studies at the Bolivian Private University in 2009, where he completed 5 semesters of study as an IE candidate. He also played for their soccer team for 2 years. Luis transferred to the University of Arkansas in the Fall of 2011. Currently, he is an active member of Alpha Pi Mu and the Society of Hispanic Professional Engineers. Luis' goal is to successfully complete his Bachelor's Degree and then enroll in Graduate School.



Alexander Wong — Sophomore
Searcy, Arkansas

AAIE Scholarship \$1500

Alexander is the son of Randy and Dianna Strayhorn. He grew up in Searcy, Arkansas and attended the Arkansas School for Mathematics, Sciences and the Arts in Hot Springs, Arkansas. Alexander is a non-traditional student; he received a B.A. degree in Psychology in 2008 and worked for two years for the Department of Social Services. Alexander says "I wanted something more challenging and more analytical than my job at the time, so I decided to return to school and pursue a degree in industrial engineering. My interest in industrial engineering developed from my previous employment where I was able to work with my boss to design and implement a schedule that improved the efficiency of our office." Currently Alexander has a sophomore standing within the Industrial Engineering program. He is also a member of the honor society, Alpha Pi Mu. In his free time, Alexander likes to watch basketball, travel, play soccer, and be with family and friends.



Sarah Elise Wood — Senior,
Little Rock, Arkansas

AAIE Ron and Betty Morris Scholarship \$1500

Sarah is the daughter of Sandra Wood of North Little Rock, Arkansas and she graduated from Central Arkansas Christian High School in 2009. Currently Sarah is pursuing a degree in industrial engineering with a minor in sustainability. Her research under Dr. Needy is focused on how to improve sustainability in the healthcare environment, specifically through the reduction of waste generated during surgical procedures. This summer, Sarah plans to further her research in sustainable healthcare through the Undergraduate Research Program at the University of Pittsburgh. Last summer, Sarah interned at Baptist Hospital in Little Rock, Arkansas assisting with several projects throughout the hospital and participating in meetings with leaders from various levels within the hospital system. Sarah serves as the recording secretary officer of Alpha Pi Mu, and is an active member of IIE. She is the Vice President of Student Ambassadors. In her spare time, Sarah likes to participate in the group exercise classes at the HPER and spend time outdoors.

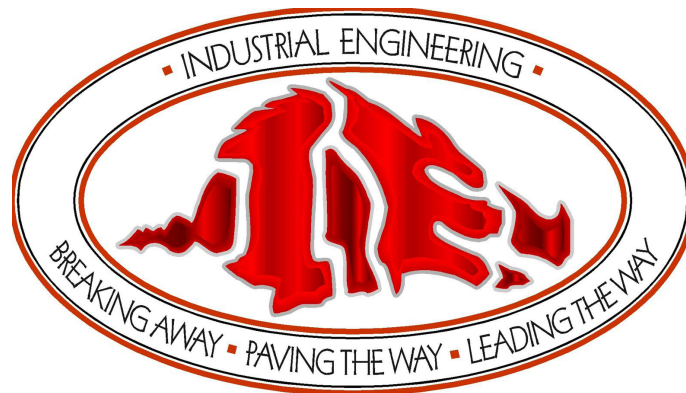


Adeola Yusuf — Junior, Nigeria

AAIE Ron and Betty Morris Scholarship \$2000

Adeola (known as Dee by most), daughter of Jide and Isabella Yusuf, is an international student from Nigeria and is majoring in industrial engineering with a minor in math. Adeola is a peer mentor in the Freshman Engineering Program, and she is an active member of the African Students Organization. Her hobbies include reading novels, having fun with family and friends, and listening to music. She is very serious and focused on her work. Her pathway to success includes confidently being herself, always being prepared for hard work, keeping faith, and knowing how to balance work with play.





**On behalf of the scholarship recipients and the
Department of Industrial Engineering,
we would like to extend
our most sincere gratitude.**

**Thank you for your commitment of support
to the IE Department and to these scholars,
as we strive to prepare
this generation of engineers
for the competitive global marketplace.**

