BSE STUDENTS - Pancake Feed tickets for you to sell for Open House are available to pick up in Seaton 129!

CONGRATULATIONS!
The 2016 K-State Graduate Research, Arts, and Discovery (GRAD) Forum was held on March 30 in the Engineering Complex. This on-campus event provides graduate students from all disciplines an opportunity to share their work with the K-State community and to gain experience presenting their work in a professional setting. Three BAE graduate students won scholarships:

- Laura Soto Sierra received 1st place in the Interdisciplinary Research Poster – Novel Application of Autolytic Enzyme: Implication of Pretreatment Strategies of Bioproduct Extraction from Microalgae
- Kari Bigham won 3rd place in the Engineering/Math/Physical Sciences Oral 1 – Repeatability and Sensitivity Analysis of the Bancs Model Developed to Predict Annual Streambank Erosion Rates
- Kimberly Plevniak received 3rd place in the Engineering/Math/Physical Sciences Poster 2 – 3D Printed Point-of-Care Device for Anemia Diagnosis

Also presenting in the K-State GRAD Forum were:

- Interdisciplinary Research
  - Sarocha Pradyawong – Develop Lignin-Protein Based Adhesive
  - Yuqi Song – Automatic Assessment of Biological Control Effectiveness of Trichogramma Bourarachae Against Cadra Cautella Using Machine Vision
- Agricultural Sciences 2
  - Justin Frazier – Geometric Measurements of Field Crops During Early Growth Stages Using a Time of Flight Camera
  - Gia Nguyen – Mobile Drip Irrigation: Prospective Technology to Improve Water Productivity of Corn
  - Kelsey McDonough – Understanding the Relationship Between Urban Best Management Practices and Ecosystem Services
- Biological Sciences
  - Chelsea Dixon – Microalgae Organelle Isolation and Enzyme Disruption as Part of Aqueous Enzymatic Extraction
- Interdisciplinary
  - Yong Wei – Design of a Handheld Phenotyping Platform
  - Youjie Xu – Optimize Ultrasonic Pretreatment to Enhance Glucose Yields of Big Bluestem Using Response Surface Methodology

Thank you all for your great representation of the department at the K-State GRAD Forum!

STUDENTS VISIT FARRAR CORPORATION
Several members of BAE’s Quarter-Scale Tractor Team visited Farrar Corporation located in Norwich, Kansas, on April 4 to show off their 2016 tractor prototype and the components that Farrar Corporation has produced for it. Farrar Corporation is a ductile iron foundry that can take a design from the computer, simulate iron flow, create a pattern, and cast and machine a finished component. Farrar Corporation has been a huge supporter of the team by casing a component for the tractor each year.

Pictured left to right are: Ryan Strasser, David Pullen, Luke Weller, Lynn Zehr (Farrar Pattern Shop Manager), Lars Peterson, Alex Nytko, Eli Sheppard, Greg Reber (Farrar Quality Manager), Tyler Montgomery, Nick Meyer, Josh Medeiros.
2016 BAE GRADUATE STUDENT-OF-THE-YEAR ANNOUNCED

Mr. Nana Baah Appiah-Nkansah, Ph.D. candidate, was selected as BAE’s 2016 Graduate Student-of-the-Year. Nana has published 2 peer-reviewed papers, written 3 manuscripts, gave 10 meeting presentations, and received 5 research presentation awards. Nana is also involved in some teaching activities including lab instructor and supervising undergraduate students and REU students. He is a past president of the BAE Graduate Student Organization and worked with others in organizing graduate student activities. Congratulations, Nana!

SPRING/SUMMER 2016 GRAD STUDENTS RECOGNIZED

Dr. Harner presented gifts to the students graduating this spring and summer during the BAE Graduate Student Appreciation Luncheon on April 6. Spring 2016: Muluken Muche, Ph.D.; Master of Science students: Ala Ahmadi Fard, Justin Frazier, Maryam Hamehkhari, Kaelin Saul and Yuqi “Vicky” Song. Summer 2016: Nana Baah Appiah-Nkansah, Ph.D. and Yong “Ike” Wei, Ph.D.; Master of Science students: Kari Bigham, Kimberly Plevniak and Laura Soto Sierra. Congratulations to all!

THOUGHT FOR THE DAY

“Appreciation can make a day – even change a life. Your willingness to put it into words is all that is necessary.”

--Margaret Cousins

MORE PHOTOS FROM THE K-STATE GRAD FORUM

LOOKING AHEAD:
April 7 – COE spring faculty meeting, 3:00 p.m., Engineering Hall 1109
April 15 – ASABE Kansas Section annual meeting, 7:30 a.m. registration, K-State Student Union Flinthills Room
April 15 – Engineering Open House
April 15 – Engineering Undergraduate Research Poster Forum
April 16 – All-University Open House
May 6 – Last day of Spring 2016 term
May 9-13 – Finals week
May 13 – COE Graduate Student Graduation Reception, 10:30-11:45 a.m., IGP
May 13 – Graduate School commencement, 1:00 p.m., Bramlage Coliseum
May 14 – Order of the Engineer, 2:00 p.m., Forum Hall
May 14 – COE Undergraduate Commencement Reception, 3:00-5:00 p.m., Engineering Atriums
May 14 – Undergraduate commencement: COA 2:30 p.m., COE 6:30 p.m. Bramlage Coliseum
May 17 – Spring 2016 final grades submission deadline: KSOL 4:00 p.m., KSIS 5:00 p.m.
May 18 – Grades available in KSIS
May 23 – Summer 2016 term begins
May 30 – University holiday

Please submit your news and travel information to Barb Moore bjmoore2@ksu.edu