As a senior in Biosystems Engineering, I can say that my major has been good to me. Most BAE students, myself included, find themselves at home in the Barnhart building, which would be great were it not for the fact that it was built on perhaps the most inconvenient plot of land that the University owned. It wouldn’t be so bad if Biosystems engineers were not also constantly bouncing between the Chemistry-Physics and Whitehall buildings. The latter two are fairly close together in the middle of campus, but the Barnhart building is somewhere around a 20 minute walk from either place. This presents a problem since most students only have 10 minutes to get from one class to the next. Regardless of where you are before your class at Barnhart, you need only to locate the closest #14 bus stop and wait. Don’t fret over the cost because it’s completely free. Just hop on the next #14 bus, and it stops right in front of the Barnhart building. If you miss this bus, just give it some time because another one cycles through every 5 minutes. From my own previous experience, I can say that it is the best option. Even if you don’t catch the first one, you’re better off waiting for the next one because you won’t be any faster walking. The absolute worst case scenario involves you getting there at roughly the same time (assuming you miss the first bus), but you’ll never be any later than you would have been on foot, and instead of walking through the blistering heat or frigid tundra, you sat comfortably in a 72° bus.

–Zachary Hutchinson
BAE Senior
Food Engineers

Food engineering is a field where engineering principles are applied in ensuring conversion of agricultural produce to nutritious, safe and stable food items. The profession serves a wide range of industries namely pharmaceutical, equipment machinery, academia, government (USDA, USAID, FDA, NIH, etc), food manufacturing, non-governmental aid providing organizations like FAO, UN-IFAD, etc. There are two main categories of opportunity for food engineers, one is in food equipment design and fabrication, and the other is in food process engineering, where skills for food system development are needed. Some of the students I mentored over the years have gone on to work in some of the establishments I mentioned previously. There are other specific places that trained food engineers could find fulfilling careers such as PepsiCo (Frito Lays, Quakers, etc), Nestle, Coca-Cola, Kellogg’s, General Mills, Mondelez, Cargill, Maple Leaf, Walmart, Nestle Purina, Tyson Foods, Kraft, Saputo, Hershey, McCain Foods, to mention a few. There are lots of other opportunities with state and federal government in policy development and research program leaders.

— Dr. Akinbode Adedeji

Congrats Recent Alumni

There were 15 BAE graduates in May/August 2014. These alumni are doing a wide range of exciting activities after graduation.

Two graduates are working on their MBA full-time. We also have two BAE seniors working on a dual BAE/MBA degree and one senior working on a business minor. Two of our May graduates are starting graduate school in the BME department here at UK. Two graduates are starting graduate school in BAE (one here and one at the University of Wisconsin, working with a BAE-UK alumni faculty advisor. One alumni just started Med School here at UK (Two December 2013 grads are starting med school too, at UK and U of L.) Finally, five are working at engineering firms, working on engine design, building and construction, machine systems, and energy systems.

There are so many possibilities with a BAE degree. Do you know where you want to go with BAE?

Phi Sigma Rho is a national sorority for females studying engineering as well as other sciences. We promote life-long friendship, high standards in scholarship, and service to our school and community. Our branch, the Epsilon Chapter, is an active social sorority at the University of Kentucky, and we take great pride in our service to the College of Engineering, the community of Lexington, and beyond. If you have any questions or want to find out more information, please visit hpsr.engineering.uky.edu/ or email us at recruitment.psr.epsilon@gmail.com.

-Lindsey Wolfe, BAE Senior