

Dear Alumni,

Homecoming 2009 is just around the corner. This means it is time once again to invite you to come back "home" to Elizabethtown. We would love to spend some time with you.

What a year! The new facility is fabulous – if you haven't had a chance to check out the new Esbenshade you won't believe the change. But that is just a footnote to the big news: ABET accreditation is now official. Computer Engineering degrees from 2007 forward and the Engineering degree (this is our new program with concentrations available in ME, EE and Applied Physics from which we first had graduates in 2008) are now officially ABET accredited. Those of you in the engineering profession know just how significant this milestone is. Elizabethtown College is in a pretty unique position; there are not many ABET accredited engineering degrees available at schools of less than 2000 students with the broad liberal arts tradition of Elizabethtown.

A few other highlights in the department:

- 46 new students - yes that is correct, 46 new students are settling into the department.
- Professor Ferruzza (Emeritus) is helping manage this influx of students this semester stepping in to an effectively full time teaching role (teaching PHY202 along with his honors meteorology course). It's great to see him every day!
- Dr. Stuckey continues to publish his Relational Blockworld work and is currently on sabbatical this semester furthering this work. Although he is on sabbatical, Mark is on campus and hopes to be at Homecoming.
- Dr. Hager and Dr. Gravé have continued their collaborative NSF funded project, with 5 students working with them last summer on the project using high frequency TDR to monitor concrete cure.
- Dr. Wunderlich taught a course in "Advanced Robotics with Applications to Space Robotics" at the University of Trento in Italy this past summer.
- Professor Fullerton traveled to Europe visiting several Hydro Power generation sites and test facilities and attended the INTER 2009 Conference on International Undergraduate Education.
- Dr. Scanlin was tenured and promoted to professor and continues his work analyzing seismic data concerning the structure and dynamics of the Appalachian Valley and the Allegheny front.
- I spent the summer working with Dr. Panchik (OT) and one engineering student developing a novel device for improving clinical hand and wrist therapy.
- We welcome two visiting professors filling in this year for the departure of Dr. Watson and Dr. McBride. Dr. Miao Shi, who has recently completed her PhD in Electrical Engineering at the New Jersey Institute of Technology, brings extensive expertise in signal processing and wireless communications. Professor Roy Hoffer has a MS in EE from the University of Pennsylvania, is a licensed PE and a Certified Fire and Explosion Investigator..

Extracurricular projects

- The FEAST club competed in the National Solar Splash 2009. They took first place in the Technical Report, tied for fourth place for the Visual Display and got 13th place overall. We will also be commissioning two solar arrays that are being wired into the grid (on the solar cabin and the roof of Esbenshade) this fall.
- The Machine Intelligence Club is preparing to compete once again next summer at the Intelligent Ground Vehicles competition in Michigan, looking to build on their success in previous competitions.

The official time for our department's get-together is **3:00 – 4:30 p.m. on Saturday, October 17 in Esbenshade Room 163** (where the e-Lab used to be). We would enjoy catching up with you and hearing of your latest professional and personal adventures. Be sure to watch for the latest edition of our department newsletter due out just before homecoming.

Educating for Service,



Kurt DeGoede
Department Chair