"The mission of the Department of Agricultural and Biological Engineering is to integrate life and engineering for enhancement of complex living systems."

Congratulations to the following ASABE Winners...

2013 ASABE Fellow Winners:
- Dr. Prasanta Kalita - Professor and Division Leader, Soil and Water Resources Engineering; Asst. Dean of Research, ACES. Congratulations Prasanta!
- Dr. Qin Zhang - Former ABE Faculty; Director, Center for Precision and Automated Agricultural Systems; Professor, Washington State University. Congratulations Qin!

G.B. Gunlogson Student Environmental Design Competition - First Place
- University of Illinois Fountain Wars Team - Prasanta Kalita, Advisor. Members: Nichole Evans, Julie Honegger, Erica Mui, Ferisca Putri, Austin Roepke, Savana Savage, Paul Schumacher. Congratulations to all!

Boyd Scott Graduate Research Award - First Place in Graduate Oral Competition
- Liangcheng Yang - “Moisture Effects on Gas-Phase Biofilter Ammonia Removal Efficiency, Nitrous Oxide Generation and Microbial Communities”. Congratulations Liangcheng!

K.K. Barnes Student Paper Awards - Second Place in Undergraduate Oral Competition
- Paul Schumacher - “Quantifying Erosion Control Blanket Effectiveness at Reducing Soil Loss”. Congratulations Paul!

ASABE Robotics Competition - Second Place
- University of Illinois - Tony Grift, Advisor. Members: Hao Gan, Haibo Huang, Matthew Ong, Liang Tao, Wei Zhao. Congratulations to all!

Superior Paper Award -
Congratulations to our Grads...

Congratulations to the following graduate students who have passed their defenses!

- **Xiaolun Chen** - who passed his MS defense entitled “Engineering Heavy Metal Resistance Cyanobacteria Synechococcus Elongatus PCC7942” on July 10, 2013.
- **Daniel Williams** - who passed his MS defense entitled “Compositional Analysis and Classification of Miscanthus Using Fourier Transform Near Infrared Spectroscopy” on July 18, 2013.
- **Yan Zhao** - who passed her PhD Prelim exam on July 18, 2013.
- **Amy Russell** - who passed her MS defense entitled “Application of Error Correction Techniques to Evaluate Suspended Sediment and Total Phosphorus Loadings from Five Western Illinois Streams” on July 26, 2013.

Welcome to our new Graduate Students...

ABE welcomes 14 new Graduate Students in our Department with a New Student Orientation on Monday, August 19th.

- **Agricultural and Biological Engineering**
  Alam, Tanjila; Guan, Shaochen; Hawley-Weld, Nicholas; Honegger, Julie; Ji, Boyu; Kasimati, Aikaterini; Lee, Su Jung; Paulausky, Patricia; Schumacher, Paul; Sood, Kaneeka; Thissen, Jaime

- **Technical Systems Management**
  Rendall, Tim (TSM/MS); Wang, Yen-Chih (TSM/PSM)

- **3+2 Zhejiang University Program**
  Wang, Zhaoqin

Save the Date...

Mark your calendars for Friday, September 13, 2013. Celebrate ABE@Illinois is coming! Friends, family, students, staff and alumni are all invited to attend. The event will be held at the South Farms on Race Street. More details will be shared soon!

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