ASABE KANSAS SECTION MEETING – BAE REUNION – ALL-UNIVERSITY OPEN HOUSE:
The Kansas Section meeting will be hosted by the Department of Biological and Agricultural Engineering of Kansas State University on Friday, April 19, 2013. Registration begins at 9:00 a.m. in 142 Seaton Hall and will conclude at approximately 4:00 p.m.

The BAE Reunion will be held in conjunction with the Kansas Section meeting and the All-University Open House April 19-20. A special reunion evening is planned on Friday beginning with a reception at 5:30 p.m. and dinner being served at 6:30 p.m. in 142 Seaton Hall. The All-University Open House will be from 9:00 a.m. to 3:00 p.m. on Saturday, April 20. Don't forget the BAE Student Pancake Feed Saturday morning from 9:00 a.m. to 2:00 p.m. in 142 Seaton Hall! The festivities will conclude Saturday evening at the Purple Wave Event Center with a reception at 5:30 p.m. and dinner at 6:30 p.m. The ASABE Executive Director and President will also be in attendance at these events. Contact Lou Ann Claassen (lkc@ksu.edu, 785-532-2901, 148 Seaton Hall) for more details and reservation forms. Reservation forms and payment are due March 15, 2013, to Lou Ann.

TRAVELS:
Dr. Donghai Wang went to Wisconsin Rapids, WI to visit Insight Bioscience Innovations, February 28 through March 1. He will then travel to Amarillo, TX to present at the 2013 Ogallala Aquifer Workshop, March 5-7.

Rumela Bhadra will travel to Sunray, TX for field measurement of grain bins, March 1-7.

Yaritza Sanchez Gil will attend a Hydrocolloids Short Course in Anaheim, CA, March 6-10.

BAE MACHINERY SYSTEMS CANDIDATES ANNOUNCED:
Dr. Joe Harner announced the three candidates interviewing for the Machinery Systems position in BAE. The candidates are: Mr. Wesley Porter (Ph.D. candidate, Oklahoma State), Dr. Daniel Flippo, and Dr. Larry Wagner. Interview dates are as follows: Mr. Porter – Tuesday, March 12; Dr. Flippo – Friday, March 15; and Dr. Larry Wagner – Tuesday, March 26.

KONZA PRAIRIE BEGINS GUIDED HIKES:
Beginning March 2, the Konza Prairie will offer guided hikes every Saturday at 1:00 p.m. No reservations are required, but there is a $2 trail use fee. The hikes will be a 2.6 mile hike of the Nature Trail; expect a vigorous hike for approximately 1.5 hours! If you have any questions, call Jill Haukos at 785-587-0381.

FUNDING BULLETIN VOLUME 22, NUMBER 8 - ITEMS OF INTEREST:
8-1 Enhancing Access to the Radio Spectrum (EARS) (NSF)
The National Science Foundation’s Directorates for Mathematical and Physical Sciences (MPS), Engineering (ENG), Computer and Information Science and Engineering (CISE), and Social, Behavioral, and Economic Sciences (SBE) are coordinating efforts to identify bold new concepts with the potential to contribute to significant improvements in the efficiency of radio spectrum utilization, and in the ability for traditionally underserved Americans to benefit from current and future wireless-enabled goods and services. EARS seeks to fund innovative collaborative research that transcends the traditional boundaries of existing programs, such as research that spans disciplines covered by two or more of the participating NSF directorates. NSF 13-539 URL: http://www.nsf.gov/pubs/2013/nsf13539/nsf13539.htm. Deadline: 5/14/2013

8-4 Water Sustainability and Climate (NSF)
The goal of the Water Sustainability and Climate (WSC) solicitation is to enhance the understanding and predict the interactions between the water system and land use changes (including agriculture, managed forest and rangeland systems), the built environment, ecosystem function and services and climate change/variability through place-based research and integrative models. Studies of the water system using models and/or observations at specific sites, singly or in combination, that allow for spatial and temporal extrapolation to other regions, as well as integration across the different processes in that system are encouraged, especially to the extent that they advance the development of theoretical frameworks and predictive understanding. This activity allows the partner agencies—National Science Foundation (NSF) and the United States Department of Agriculture National Institute of Food and Agriculture (USDA/NIFA)—to combine resources to identify and fund the most meritorious and highest-impact projects that support their respective missions, while eliminating duplication of effort and fostering collaboration between agencies and the investigators they support. NSF 13-535 (GG 2/1/13) URL: http://www.nsf.gov/pubs/2013/nsf13535/nsf13535.htm. Deadline: 9/10/2013
8-5 Science, Technology, Engineering (ONR)
The Office of Naval Research (ONR) is interested in receiving proposals for developing innovative solutions that directly support the development and maintenance of a robust STEM workforce. Successful efforts will be targeted towards one or more of the following: K-12, Undergraduate, Graduate STEM education. The goal of any proposed effort should be to provide game changing solutions that will establish and maintain a diverse pipeline of U.S. citizens who are interested in participating in naval STEM education programs and who ultimately will be interested in STEM careers. This BAA also separately requests proposals for the evaluation of current and future Naval STEM programs. This includes implementing methodologies and processes for data collection, analysis, and reporting, as well as methods for effectively evaluating programs and calculating return on investment for chosen programs. Only proposals invited following review of corresponding white paper will be considered for review. ONRBA13-007 (GG 12/21/12)

8-6 2014 USDA Farm to School Grants (USDA)
Across the country, an increasing number of schools and districts have begun to source more foods locally and to provide complementary education activities to students that emphasize food, farming, and nutrition. This nationwide movement to enrich children’s bodies and minds while supporting local economies is often referred to as farm to school. The term encompasses efforts that bring local or regionally produced foods into school cafeterias; hands-on learning activities such as school gardening, farm visits, and culinary classes; and the integration of food-related education into the regular, standards-based classroom curriculum. In this funding round, USDA will solicit applications for three types of grants: 1) Planning grants are for schools or school districts just getting started on farm to school activities and are intended to help these entities organize and structure their efforts for maximum impact by embedding known best practices into early design considerations. 2) Implementation grants are intended to help schools or school districts scale or further develop existing farm to school initiatives. 3) Support Service grants are intended for eligible entities working with schools or school districts to further develop and provide broad reaching support services to farm to school initiatives.

8-7 2013 Conservation Innovation Grants (USDA)
Conservation Innovation Grants (CIG) is a voluntary program intended to stimulate the development and adoption of innovative conservation approaches and technologies while leveraging Federal investment in environmental enhancement and protection, in conjunction with agricultural production. Under CIG, Environmental Quality Incentives Program funds are used to award competitive grants to non-Federal governmental or nongovernmental organizations, Tribes, or individuals. CIG enables NRCS to work with other public and private entities to accelerate technology transfer and adoption of promising technologies and approaches to address some of the Nation’s most pressing natural resource concerns. CIG will benefit agricultural producers by providing more options for environmental enhancement and compliance with Federal, State, and local regulations. USDA-NRCS-NHQ-13-03 (GG 2/25/13) URL: http://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/cig/. Deadline: Preproposals 3/22/2013

8-10 Nanotechnology Undergraduate Education (NUE) in Engineering (NSF)
This solicitation aims at introducing nanoscale science, engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. The focus of the FY 2013 competition is on nanoscale engineering education with relevance to devices and systems and/or the societal, ethical, economic and/or environmental issues relevant to nanotechnology. Only one proposal may be submitted by a US academic institution, College/Department of Engineering or College/Department of Engineering Technology as the lead institution with the following exception: A US academic institution may submit a second proposal as the lead institution, only if it is focused on the societal, ethical, economic and/or environmental issues relevant to nanotechnology. NSF 13-541 URL: http://www.nsf.gov/pubs/2013/nsf13541/nsf13541.htm. Deadline: Internal 3/22/2013; Proposals 5/22/2013

8-11 ROSES 2013: Terrestrial Ecology (NASA)
NASA Terrestrial Ecology research addresses changes in Earth’s carbon cycle and ecosystems using space-based observations. This program of research addresses variability in terrestrial ecosystems, how terrestrial ecosystems and biogeochemical cycles respond to and affect global environmental change, and future changes in carbon cycle dynamics and terrestrial ecosystems. The research approach combines i) use of remote sensing to observe terrestrial ecosystems and their responses; ii) field campaigns and related process studies to elucidate ecosystem function; and iii) ecosystem and biogeochemical cycle modeling to analyze and predict responses. Research to establish a theoretical and scientific basis for measuring Earth surface properties using reflected, emitted, and scattered electromagnetic radiation and to develop the methodologies and technical approaches to analyze and interpret such measurements is an important component of the Terrestrial Ecology research program. NNH13ZDA001N-TE (GG 2/21/13) URL: http://nspires.nasaprs.com Deadline: Letters of Intent 3/29/2013; Proposals 5/15/2013

THOUGHT FOR THE DAY:
“Waste your money and you’re only out of money, but waste your time and you’ve lost a part of your life.”
--Michael LeBoeuf
LOOKING AHEAD:
March 12 – BAE Machinery Systems Candidate Interview – Mr. Wesley Porter
March 15 – BAE Machinery Systems Candidate Interview – Dr. Daniel Flippo
March 15 – Registration/Reservation and payment due for Kansas Section Meeting and BAE Reunion
March 18-22 – Spring Break
March 25 – Enrollment for Summer/Fall 2013 begins
March 26 – BAE Machinery Systems Candidate Interview – Dr. Larry Wagner
April 1 – Last day to DROP a course
April 6 – Seaton Society
April 19 – Engineering Open House
April 19 – Kansas Section Meeting, 9:00 a.m. – 4:00 p.m., Seaton 142
April 19 – BAE Reunion Dinner: Reception at 5:30 p.m., Dinner at 6:30 p.m., Seaton 142
April 20 – All-University Open House, 9:00 a.m. – 3:00 p.m.
April 20 – BAE Pancake Feed, 9:00 a.m. – 2:00 p.m., Seaton 142
April 20 – BAE Celebration Dinner: Reception at 5:30 p.m., Dinner at 6:30 p.m., Purple Wave Event Center
May 10 – Last day of Spring 2013 classes
May 13-17 – Finals Week
May 17 – Graduate School Commencement, Bramlage Coliseum, 1:00 p.m.
May 18 – Undergraduate Commencement, Bramlage Coliseum (COA at 2:15 p.m.; COE at 6:15 p.m.)

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