Oklahoma Section ASABE Meeting
February 28, 2014

8:30 Registration

**Session I – Moderator: Hasan Atiyeh**
**ATRC-Room 102**

9:00 Welcome and Introductions
   – Mr. Brian Dillard, P.E.

9:05 Overview of ALL Consulting's Environmental Engineering and Oil & Gas Programs
   – Dr. Dave Epperly, P.E., ALL Consulting

9:30 Evolution of the Biobased Products and Energy Center
   – Dr. Ray Huhnke, P.E., Director, Biobased Products and Energy Center, OSU BAE

9:55 Oklahoma Ethical Standards for the Licensed Professional Engineer
   – Mr. Bruce A. Pitts, P.L.S., Director of Enforcement, Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors

**Session II – Moderator: Ajay Kumar**
**ATRC-Room 102**

10:20 Posters & Displays from Cowboy Motorsports, Fountain Wars and Robotics Teams. See the list of posters on the last page.

**Session III – Moderator: Scott Frazier**
**ATRC-Room 102**

11:00 Engineering Opportunities within the Oklahoma Electric Cooperative Industry
   – Mr. Sid Sperry, Director of Public Relations, Communications & Research, Oklahoma Association of Electric Cooperatives
11:30 Teaching and Research in Biosystems and Ag Engineering in China
   – Dr. Paul Weckler, P.E., Associate Professor, OSU BAE

Lunch Program

12:00 Vogt Room, ATRC, lunch by Klein’s Catering, Perry.
   OSU Biosystems and Agricultural Engineering(BAE)
   Department Update
   – Dr. Dan Thomas, P.E., Professor & Head, OSU BAE

   OSU Biosystems and Agricultural Engineers Graduate Student Association (BAEGSA) Update
   – Mr. Oscar Pardo Planas, President of BAEGSA

   OSU ASABE Student Branch Update
   – Mr. Matt Rogers, President of OSU ASABE Student Branch

Session IV – Moderator: Brian Dillard
Edmon Low Library- Browsing Room

1:00 ASABE Headquarters Update
   – Dr. Lalit Verma, Ph.D., P.E., ASABE President

1:30 Business Meeting

2:00 Tour to Sooner Generating Station @ 10800 County Rd. 230, Red Rock, OK 74651 (Bring Official Photo ID)

We the Executive Committee of the Oklahoma State Section of ASABE extend our gratitude to all who made this a successful meeting.

Chair: Mr. Brian Dillard, P.E., Project Engineer
Chair-Elect: Dr. Ajay Kumar, Assistant Professor, OSU BAE
Vice-Chair: Dr. Hasan Atiyeh, P.Eng., Assistant Professor, OSU BAE
Secretary and Treasurer: Dr. Scott Frazier, P.E., Assistant Professor, OSU BAE
List of Posters (Presenter is underlined)

Mixed Culture Syngas Fermentation for the Production of Butanol and Hexanol. Kan Liu, Hasan K. Atiyeh, Kan Liu, Bradley S. Stenvenson, Ralph S. Tanner, Mark R. Wilkins and Raymond L. Huhnke


Eastern Redcedar Optimization Model: Logistical Strategies Based on Potential Commodity Revenue. Collin Craige, Michael Buser, Scott Frazier, Rodney Holcomb and Dr. Salim Hiziroglu

Investigation of Insecticide Leaching from Potted Nursery Stock and Aquatic Health Benefits of Bioretention Cells Receiving Nursery Runoff. Grant Graves, Jason Vogel, Jason Belden, Eric Rebek and Adam Simpson

AP-42 Particulate Matter Emissions Factor Development: Cotton Gins. Thomas Moore and Michael Buser

Preliminary Development of a Velocity Profile for Poultry House Ventilation Fans Equipped with Wet Scrubbers. Drew Sutterfield and Michael Buser


Design of Bioretention Cell Retrofits in a Suburban Neighborhood. Alex McLemore, Jason Vogel, Glen Brown, Daniel Storm, and Reid Coffman

Climate Change Impacts on Irrigation and Horticultural Crop yields in Niger. Sitta, A., G. O. Brown, T. Ochsner, and J. D. Carlson
