



# Newsletter

Association of **Korean**  
Agricultural, Biological and  
Food Engineers

Fall 2014

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## About the AKABFE

Association of Korean Agricultural, Biological, and Food Engineers (AKABFE) was established on July 30, 2012 in Dallas, Texas, USA. Currently, the AKABFE has 53 members including full members and student members.

## The AKABFE's Mission

The AKABFE was established to (1) promote information exchange and networking among agricultural, biological, and food engineers who are interested in the development of agricultural and biological science and technology in Korea; (2) foster educational exchange programs between Korean universities and organizations and institutions in the United States of America; (3) facilitate the transfer of technology to and from Korea; and (4) encourage professional development among members within the American Society of Agricultural and Biological Engineers (ASABE).

## AKABFE Updates

### 3<sup>rd</sup> Annual Meeting will take place on Monday, July 14<sup>th</sup>, 2014

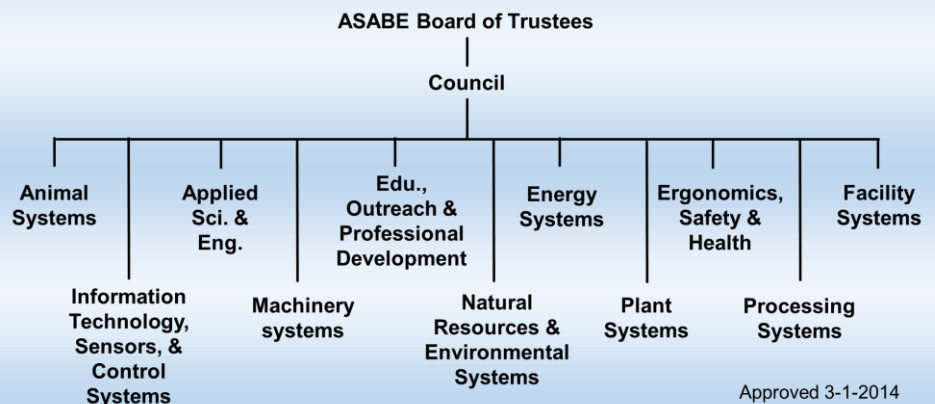
The Association of **Korean** Agricultural, Biological and Food Engineers (AKABFE) will host the 3<sup>rd</sup> annual meeting during the 2014 ASABE Annual International Meeting in Montreal, Canada. The meeting will take place at 6:30 PM on Monday, July 14, 2014 in room 515AB of the Palais des congrès de Montreal (Montreal convention center), and an association dinner party will be followed at a Korean restaurant.

### New members in AKABFE

The AKABFE membership roster has increased from 53 to 68, including full members and student members. An updated roster will be sent to all members in July, 2014.

### ASABE Reconfiguration

ASABE's many technical committees were reconstructed to reflect biological and agricultural engineers' engagement. Some of committees will remain the same, and some will relocate to a technical committee that is more suitable for their work. Also, few of committees decided to disband or combine with another committee of similar scope.



## AKABFE Member's News

**1. Dr. Bosoon Park** was elected as Chair-Elect for the Agricultural and Food Chemistry Division (AGFD) of the American Chemical Society (ACS). AGFD has more than 3,000 members around the world. Dr. Park will be Program Chair for ACS AGFD for upcoming Spring (Denver, Colorado) and Fall (Boston,

## Be connected with AKABFE

### Website:

<http://www.akabfe.org/>

### LinkedIn:

[https://www.linkedin.com/groups/Association-Korean-Agricultural-Biological-Food-6521941?trk=my\\_groups-b-grp-v](https://www.linkedin.com/groups/Association-Korean-Agricultural-Biological-Food-6521941?trk=my_groups-b-grp-v)

## Solicitation for slogan and logo concept

We are seeking for members' suggestions for an AKABFE logo and slogan. If you have any good ideas please send them to Daeun Choi (ekdms663@ufl.edu).

## Contact Information

President: Dr. Bosoon Park,  
Email: bosoon.park@ars.usda.gov  
Vice president: Dr. Christopher Yeonsik Choi,  
Email: cchoi22@wisc.edu  
US Secretary: Dr. Won Suk Lee,  
Email: wslee@ufl.edu  
Korea Secretary: Dr. Hak-Jin Kim,  
Email: kimhj69@snu.ac.kr  
To Update Roster: Daeun Choi,  
Email: ekdms663@ufl.edu



Massachusetts) meetings in 2015, then will be Division Chair in 2016.

**2. Dr. Christopher Yeonsik Choi** (Professor, department of biological systems engineering, University of Wisconsin, Madison) will receive two ASABE superior paper awards in 2014. The winning articles are "A conjugate heat and mass transfer model to evaluate the efficiency of conductive cooling for dairy cattle" (M. Mondaca, F. Rojano, C.Y. Choi and K.G. Gebremedhin. 2013. Trans. ASABE 56(6): 1471-1482) and "Analysis of microclimate uniformity in a naturally vented greenhouse with a high-pressure fogging system" (E. Tamimi, M Kacira, C.Y. Choi and L. An. 2013. Trans. ASABE 56(3): 1241-1254).

**3. Dr. Hak-Jin Kim** (Associate Professor, Department of biosystems engineering and biomaterials science, Seoul National University) was awarded a 2014 ASABE superior paper award. He studied about an automated soil macronutrient sensing system based on ion-selective electrodes to simultaneously measure the concentrations of nitrate, phosphate, and potassium ions in soil (H.J. Kim, K.A. Sudduth, J.W. Hummel and S.T. Drummond. 2013. Validation testing of a soil macronutrient sensing system. Trans. ASABE 56(1): 23-31).

**4. Dr. Jeong-Yeol Yoon** (associate professor in department of agricultural and biosystems engineering, University of Arizona) was selected as an ASABE superior paper awardee in 2014. His research about Optofluidic lab-on-a-chip monitoring of subsurface bacterial transport has been published on Biological Engineering Transactions (P. S. Liang and J. Y. Yoon. 2013. Optofluidic Lab-on-a-Chip Monitoring of Subsurface Bacteria. Biological Engineering Trans. 6(1): 17-28).

**5. Dr. Jeong-Yeol Yoon** was elected as President-Elect for the Institute of Biological Engineering (IBE). The IBE was founded in 1995 and host international conference annually. Journal of Biological Engineering is the official journal of the IBE (www.ibe.org).

**6. A PhD candidate Jangho Kim** (advisor: **Dr. Jong Hoon Chung**) at the department of biosystems engineering and biomaterials science in Seoul national university won the 20th Samsung humantech paper award from the Samsung Electronics. In the paper, the multiscale topography-based tissue adhesive patch was developed as a next generation of adhesive platforms.

## Wanted

### Volunteer Webmaster for AKABFE website and LinkedIn

We have launched a new website: <http://www.akabfe.org/> and a LinkedIn group site for networking among student members: [AKABFE-LinkedIn](#). We are recruiting an AKABFE Webmaster to maintain both sites. If you are interested in volunteering, contact Dr. Christopher Yeonsik Choi at cchoi22@wisc.edu.

### Seeking for post-doctoral research position

**Joon Yong Kim**, a PhD candidate (advisor: **Dr. Joong-Yong Rhee**) in Seoul National university, is looking for a post-doctoral research position starting from spring semester, 2015. He has 7 years of experience in programming and his dissertation topic was interoperability of farm management information system. His research interest is multidisciplinary field of study based on information technology. If you are interested, please contact him: tombrad@snu.ac.kr.