January 31, 2020

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From the Executive Director

January is often a slow time for ASABE activities, but not this year. On January 6, we welcomed the International Preprofessional Community (IPC) student officers to headquarters for their annual retreat. IPC president Hannah Thomascall led the group as they discussed goals and plans for 2020, including a number of student activities for the Omaha AIM. The retreat provided an opportunity for the leaders to visit with ASABE staff and get to know each other better. The IPC leaders are asking the members to consider including student in
the group’s name. The concern is that the term *preprofessional* may not indicate that the group is open to all students, and a new name may convey this better.

The California/Nevada section held its inaugural student rally on January 17-20 at UC Davis. By all accounts, it was a great success. More than 75 participants took part, including more than 40 students from five universities. The four-day rally included tours of UC Davis labs and shops, local businesses, an engineering challenge, social discussions and activities, an Order of the Engineer ceremony, and much more. Congratulations to the entire team for hosting such a successful event! Financial support for the rally was provided by the ASABE Initiative Fund, and planning is already underway for next year’s rally, to be hosted by California Polytechnic State University in San Luis Obispo.

During the same weekend as the student rally, ASABE Trustee and Fellow Paul Burkner held a banquet celebrating the 40th anniversary of *Ag Industrial Manufacturing*. Paul, his brother Charles, and Claude Brown originally launched a custom grape harvesting company in Lodi, California, and quickly realized that they needed to manufacture products of their own to meet their customers’ needs. Reaching the 40-year mark is no small feat, especially for a small business. Congratulations, Paul and your team, and we wish you all the best for the next 40 years!

Lastly, planning is underway for a rededication ceremony at ASABE headquarters on April 16, 2020, to recognize the 50th anniversary of the building and to offer a special tribute to our friend Jimmy Butt (1921-2018), who was the long-time chief of staff and then ASABE president. Watch for more information in the coming weeks, and please consider attending. Those wishing to stay at the host hotel (*Boulevard Inn*) will need to act soon. Contact Joann McQuone for booking details.

Darrin J. Drollinger
Executive Director

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**2020 Election Reminder - Check Your Email and Vote Now!**

Choose your Society leadership! Members were sent an electronic letter on January 9 with instructions from Intelliscan, along with your secure link to the balloting website. If you haven't voted, check for your email message, click on the link, and vote. It’s that simple! Not seeing the email? Please check your junk file.

Thanks to those who have already voted! Your vote validates the importance and worthiness of the work performed by these volunteer candidates, for you personally, and for ASABE.

Contact Joann McQuone (269/932-7022) with any questions or comments you may have about the process.

**Renew Now to Avoid Member Service Interruption**

We all know life gets hectic with work and personal demands, so why not take a few minutes now to renew your membership? You can pay in one of the following ways: online with a credit card by logging into the member-only page on the ASABE website and clicking the “Renew Now” link; on the phone by calling 800/371-2723, or 269/932-7005; by faxing your invoice to 269/429-3852; or by returning your invoice in the mail.
ASABE is made stronger by your continued membership.

2019-2020 ASABE Member Roster Available

The printed member roster, available exclusively to ASABE members, remains a popular publication thanks to its ease of use and rich content. This excellent reference publication offers not only contact information for fellow ASABE members around the world, but also organizational and historical details of the Society, like the constitution and bylaws, section officers, directories of past presidents and Fellows, and a staff directory. All at your fingertips—no clicking, typing, or login required.

Contact us at www.asabe.org/OrderPeriodicals or call 800-695-2723 to order your copy. Cost is only $39, plus postage and handling.

AE50 Winners to Be Recognized at AETC

The recently announced AE50 Award winners will be recognized at the 2020 Agricultural Engineering Technology Conference next month, in Louisville. Each year AE50 awards honor companies offering the best engineered products for agricultural, food, biological, and related systems. These companies continue to push the envelope of new equipment design through innovation. Join us at the AE50 luncheon, February 11, at noon in the Regency North Ballroom. Look for the AE50 showcases, which will follow in Park Suite.

The AE50 products featured in these sessions were new to the marketplace in 2019, and all have the potential for a broad impact in their area of industry. This is an excellent opportunity to learn of new features incorporated into these products and share a portion of their journey to the marketplace. The session is open to all and will feature presentations on a sampling of those products receiving 2020 AE50 awards.

IPC Officers Visit Headquarters, Impress Locals with Trivia Win

Imagine the auditory instrumentals of the final Jeopardy question. Visualize the picturesque, lakeside community of St. Joseph, Mich. And place in that setting a few of the brightest students pursuing a degree in the agricultural or biological engineering field. The plot can only mean one thing—team trivia following a productive ASABE International Preprofessional Community (IPC) executive council meeting.

In early January, five officers of the IPC gathered at ASABE headquarters to chart their course leading up to the Annual International Meeting (AIM). The officers met with numerous departments and staff to learn about the operations and structure of the Society—from councils to technical communities. This effort provided an in-depth look at the organizational structure and how that positions the Society in
reaching its mission. Avid discussions took place amongst the group, including efforts to improve student participation and onboarding at AIRM, balloting a name change for the IPC, updating bylaws, and creating resources for student branches.

One of the officers in attendance was IPC president and Auburn University student, Hannah Thomascall. “With the officer team spread across several states and even up in Canada, it can be difficult to arrange meetings that work for everyone's schedule—we are typically limited to an hour-long video call once a month,” she said. “Being able to set aside an entire day to work with the fantastic staff at the ASABE headquarters allowed us to make so much progress on our goals for the year! It was so helpful to sit down with staff and learn more about the structure and organization of ASABE. It was great to be able to lead the meetings in the direction we wanted with the staff showing us the possibilities but not limiting us.”

At the conclusion of the meeting the IPC executive council gathered for dinner and competed in a local team trivia contest with topics ranging from pop culture, weather, scientific terminology, movies, and tourism. The group took top honors out of more than ten teams. Needless to say, the IPC is in great hands being led by a group of sharp, well-rounded, strategic minds. More information about the IPC and the 2019-2020 IPC executive council is available here.

In photo, clockwise from right: Hannah Thomsacall, Abyy Schaefer, Cameryn Taylor, Aidan Morrow, ASABE Membership Director Jasper Cunningham, and Sara Weyer.

ASABE Scholarship Deadlines

March 15 is the deadline for applying for these ASABE scholarships. Follow the links below for details on eligibility information and entry forms.

Undergraduate Students
- William J. Adams, Jr. and Marijane E. Adams Scholarship—$1,750
- ASABE Foundation Engineering Scholarship—$1,750

PhD Students
- John C. NYE Graduate Fellowship—$1,750

Inaugural Student Rally Packs in the Events

Sponsorship from the ASABE Initiative Fund and five organizations, along with intense committee planning, made possible an energizing and successful California/Nevada section student rally held at the University of California, Davis, in January.

During four days of programming, students toured UC Davis labs and shops and local renewable energy, fertilizer, and ag machinery companies; participated in career panel discussions; enjoyed social events; conducted business meetings; took part in the Order of the Engineer ceremony; engaged in an engineering design challenge; and much more. Student representatives ratified bylaws, elected an executive council, and laid plans for next year's event.
LAST DAY for AETC Advance Rates; Students - Enter Poster Session for Prizes!

Today is the last day to take advantage of advance registration rates for the Agricultural Equipment Technology Conference, February 10-12, 2020, at the Louisville Hyatt Regency. Onsite registration will be available, but rates will be higher. Find registration, program, hotel, and sponsorship information here.

New this year! All students that are registered and attend AETC are eligible to enter the student poster session and competition. Prizes will be awarded for both undergraduate and graduate student categories ranging from $250 to $50.

Call for Nominations: Standards Development Award

The ASABE Standards Development award recognizes the significant efforts of those teams who devoted time and energy to revision and development of ASABE standards during the previous calendar year. To be considered for this award, nominations must be submitted by the chair of the committee responsible for the standard. This year’s nominations are due March 1, 2020.

For further information please contact Carla VanGilder vangilder@asabe.org

2020 Student Awards and Competitions Entry Dates

ASABE hosts a variety of student competitions for a wide range of interests. Please see the link following each competition or award for eligibility details and entry forms. Please visit the ASABE student awards and competitions webpage for more details and entry instructions for each competition.

ASABE Robotics Student Design Competition—April 15

Boyd-Scott Graduate Research Award—March 15

G.B. Gunlogson Environmental Fountain Wars Design Competition—April 15

Student Honor Award—April 20

K.K. Barnes Student Paper Competition—May 15

AGCO National Student Design Competition—May 15

G.B. Gunlogson Environmental "Open" Design Competition—May 15
AIM Student Oral/Poster Presentation Competition
All students who submitted an abstract to present at the 2020 AIM will automatically be contacted to participate in this competition; keep an eye on your email for more details!

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Final Call for Abstracts: ASABE's Erosion Research Symposium

Mark your calendar for the 2021 Soil Erosion Research Symposium, to be held in Puerto Rico January 10-15, 2021. Abstract submissions have been underway; February 15 will be the last day to submit your 400- to 600-word abstract.

Find more information [here](#).

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Note on Technical Library Site License

Last month, we provided a way to test whether your institution is a subscriber to the ASABE Technical Library. We failed to include a caveat that the test would not work for certain cases, such as institutions using software such as EZProxy to access licensed content.

Please consult your librarian to verify that you do not have a site license. You may be able to use software provided by your library.

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ASABE Peer-Reviewed Journals - Read and Publish with the Best in Ag/Bio Engineering

Stay abreast of the latest research with ASABE journals. Member and nonmember pricing and ordering information is available [here](#).

And if you're looking for a venue to publish your work, the rising impact factors and reduced time to publication make ASABE journals an excellent choice.

**Transactions of the ASABE**
The full-length technical articles published in *Transactions* describe the application of engineering principles to the solution of agricultural problems—the world's most comprehensive compilation of selected research on engineering in agriculture and biological systems. Contains approximately 200 articles in six bimonthly issuers per year.

*Publish in Transactions*

*Read Transactions*

**Applied Engineering in Agriculture**
*Applied* focuses on practical applications of current research in areas related to engineering for agriculture. Contains approximately 100 articles in six bimonthly issues per year.

*Publish in Applied Engineering*

*Read Applied Engineering*

**The Journal of Agricultural Safety and Health**
*JASH* emphasizes areas such as engineering, occupational safety, public policy, education, and public health. Includes articles on engineering design and application, safety and health intervention, and the identification, reporting, treatment, and prevention of trauma and illness. Contains approximately 250 pages in four quarterly issues per year.
ICYMI: ASABE Members in Mainstream News

Ag and bio engineering impacts so many lives and livelihoods, but we all know that much of the work and expertise lies beyond the view of the general public. That’s why we smile when we see ASABE members featured in mainstream media.

Two recent examples: Joel Cuello, University of Arizona was featured on an Economist podcast. He spoke on the potential and challenges of vertical farming. Meanwhile, Mike Sama and Josh Jackson showed off their work on the use of drones in monitoring cattle health, in an article published by CNET, a trusted source of technology news.

Communicating the profession to the public is important work, so join us in communicating a big Thank You to these three for their clarity, willingness, and enthusiasm.

Recent Standards Activities

Press Releases

- X575.3, Farm and Agricultural Injury Classification (FAIC) Code

New Revisions

- ASAE S317.1 JAN2020, Improving Safety on Enclosed Mobile Tanks for Transporting and Spreading Agricultural Liquids and Slurry

Press Releases

- January 14, 2020, ASABE Revises Safety Standard for Operating Agricultural Mobile Liquid and Slurry Tanks

In Memoriam: John Chapman, Marvis Gollum, Cernyw Kline, Kenneth McFate, Ralph Nave, Berthol Ryberg

John Chapman
ASABE Fellow John Chapman passed away November 8, 2017. Chapman grew up in Greenfield, Illinois. Following military service, he earned a degree in agricultural engineering from the University of Illinois. He began his career with Oliver Corp and later joined Valmont Industries in Valley, Nebraska, where he spent 34 years and attained the position of vice president of engineering and director of research and chief product manager. Chapman was a registered professional engineer and finished his requirements for his Master of Science degree at the University of Nebraska. As an inventor, he held 12 patents, all related to irrigation equipment. Chapman was a 60-year member of ASABE and inducted as a Fellow in 1995. He was honored by the Irrigation Manufacturers Association with an Industry Lifetime Achievement Award. Full obituary

Marvis Gollum
Marvis Neal Gollum passed away October 25, 2019, in Las Cruces, New Mexico. After graduating from the University of Missouri in 1961 Gollum began a lifelong work in agricultural engineering and research. He was employed by USDA-ARS Southwestern Cotton Ginning Research Laboratory retiring in 2002 and continued working as a consultant until 2016. He received several patents and was published in professional journals. He was a noted authority in roller ginning. Gollum was
Proceeded in death by his wife of 59 years, Judy Anne Gillum. Their three sons survive. Gillum was a 58-year member of ASABE. Full obituary

Cernyw K. Kline
Cernyw K. "Cernie" Kline, of Eaton Rapids, Michigan, passed away May 16, 2019, at the age of 97. Kline was born in Connecticut, in 1922. He attended Michigan State College where he studied agricultural science. After serving in the army in World War II, he joined the U.S. Army Reserves, where he earned the rank of colonel. Kline saw much of the world during his career. While a professor at the University of Kentucky he lived in Bogor, Indonesia, and established the department of energy for the University of Indonesia. Later he lived in Africa and worked to help increase food production in the region through the Aid for Africa program. Upon returning to the United States, he continued his education at Michigan State University obtaining his PhD in engineering. He worked the majority of his adult life as a professor for Lansing Community College where he was instrumental in developing the Solar Energy Department. He also worked a few years for the State of Michigan. He is survived by five children; two wives preceded in death. Kline was a 64-year member of ASABE. Full obituary

Kenneth L. McFate
ASABE Fellow Kenneth L. McFate passed away August 6, 2019, at the age of 95. McFate was born in eastern Iowa in 1924. After serving in World War II, with help from the GI bill, he worked his way through Iowa State College, receiving a bachelor's degree in agricultural engineering. McFate joined the Iowa State College agricultural engineering department in 1951 and five years later moved on to the University of Missouri, where he focused on applying new energy technologies to food production and processing in the US and globally. His early work through the University of Missouri extension service helped farmers in Missouri and the Midwest adopt new labor saving energy technologies; he produced numerous technical guides and research reports while doing hands-on outreach with Missouri farmers. He was a contributing author to Electricity on the Farm for 20 years. His professional and personal interests took him to China, where he fostered a dialogue between Chinese and American agricultural experts about how to expand Chinese food supplies with more efficient energy use; he considered this work a highlight of his university career. After 30 years at UMC, McFate served as the president of the National Food and Energy Council. He was a 69-year member of ASABE. Full obituary

Ralph Nave
ASABE Fellow Ralph Nave of Roseville, California, passed away. Nave was a 66-year ASABE member. No other details are available at this time.

Berthol E. Ryberg
Berthol E. "Bert" Ryberg, of Minneapolis, passed away peacefully on Monday, July 29, 2019, at the age of 97. He is survived by his wife, Vi, a son, Jim, and a brother, Roger. Ryberg was born and raised in Harris, Minnesota. During his career, he was employed by Massey Harris, Farmhand, and eventually Cargill, where he worked for 39 years. Ryberg was a member of ASABE for 70 years. Full obituary

Endorsed Events

Check out these events hosted by ASABE partners and endorsed by ASABE and the ASABE Meetings council.

- The Indoor Agriculture Energy Solutions Conference
- Phenome2020
- The International Fluid Power Exposition
- 2020 Watershed Management Conference

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For details about these and other activities of interest, see the ASABE events calendar.