



January 29, 2018

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From the Executive Director



Because ASABE headquarters is located near Lake Michigan, we are accustomed to receiving some snow in January. Visitors, however, are less common. Well, you can imagine staff's excitement to have a lot of both this year!

The International Preprofessional Community, or IPC,

*Upcoming
ASABE
CSBE/SCGAB
Section
Meetings
and
Other Events*

AETC
February 12-14

CA/NV
February 14

Engineers Week
February 18-24

Oklahoma
February 23

Alabama
April 6-7

*Click
for details*



leadership team held their annual retreat here, and they brought a lot of energy as they worked on upcoming student activities. IPC President Grace Skarlupka is leading the charge to raise funds to help defray the lodging expenses for undergraduates to come to the 2018 Annual International Meeting (AIM), in Detroit. Their goal is to have a record number of students attend the AIM. If you have suggestions, or would like to financially support these efforts, please contact [Grace](#) or [me](#). We schedule our annual staff chili cook-off for when the students visit and generally a colleague from membership wins. Not this year: Bookkeeper Karen Dolohanty gave the accounting department it first-ever victory!

One week later we hosted the Young Professionals Community leadership, and they spent a very full Saturday reviewing and refining the membership proposition for individuals in this community. They are also planning unique experiences for Detroit and intend to build on the skyrocketing amount of graduate student engagement. Graduate students represented nearly a third of overall AIM attendees in Spokane, and I bet there will be even more in Detroit.

Darrin J. Drollinger
Executive Director

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Election Reminder - Check Your Email and Vote Now!



Elect your Society leadership! Corporate members who haven't yet voted were sent an electronic letter on January 24 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 by [email](#) or by phone (269/932-7022) with any questions or comments you may have about the process.

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ASABE & IEEE SmartAg International Symposium



An enthusiastic group of about 100 met early last month at the [SmartAg International Symposium](#), co-hosted by IEEE

and ASABE at the Kellogg Center, on the campus of Michigan State University. Working with John Verboncoeur, associate dean for research in MSU's College of Engineering, ASABE Fellows Ajit Srivastava and Renfu Lu organized the event, which focused on creating a platform to facilitate collaboration, development, and adoption of smart technologies to enhance global agro-food systems. Speakers included ASABE members Douglas Britton, Hongda Chen, Gerrit Hoogenboom, Yanbin Li, Susan O'Shaughnessy, Terrence Pickett, Harminder Singh Sidhu, Ken

Sudduth, Juming Tang, and Qin Zhang.

There was strong consensus that additional cooperative activities will be valuable, and ideas that emerged for future activities included joint conferences, shared publications, and common standards work. ASABE Past President Norm Scott, the advisory committee chair, will lead the work to summarize the symposium outcomes and develop a road map for future activities. Stay tuned for plans to hold a subsequent event this summer immediately following the ASABE 2018 Annual International Meeting, in Detroit.

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A Stellar Year for Foundation Donations - Thanks to our Donors

Your donations brought in more than \$140,000 to the ASABE Foundation in calendar year 2017. Donations that support outreach initiatives that positively impact the profession, such as grants to encourage professional licensure, scholarships to help students complete their education, and programs to honor the accomplishments of agricultural and biological engineers across the globe.

We could not have done it without your generosity—thank you! See the complete list of donors [here](#).

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IPC Officers Conduct Retreat at ASABE Headquarters



The current slate of International Preprofessional Community (IPC) officers traveled to Society headquarters, in St. Joseph, Mich., earlier this month for their annual officers' retreat.

They spent their

time coordinating IPC activities, planning events for this year's annual international meeting, and discussing ideas to better engage students in ASABE activities. They also enjoyed a staff chili cookoff that has become an officers' retreat tradition in recent years.

In photo, from left: Parliamentarian: Elizabeth Tedder, Purdue University; 2nd Vice President: Montana Wells, Oklahoma State University; 1st Vice President: Carlyn Chappel, University of Florida; Secretary: Travis Vazquez, Cal Poly San Luis Obispo; President: Grace Skarupka, University of Wisconsin–Madison

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AETC 2018: Advance Registration Closes January 31



Advanced registration for AETC 2018 closes on Wednesday,



AETC 2018
Feb 12-14

Featuring
Keynote speaker

DENNIS SLATER

President
AEM

Plus

Brian Olsen
President
Power Pin, Inc

AE50 Awards & Showcase

Supplier Tech Display



January 31. Don't miss this one-of-a-kind industry event, taking place February 12-14, at the Seelbach Hilton in Louisville.

Dennis J. Slater, president and secretary of the Association of Equipment Manufacturers, headlines the Monday keynote

luncheon, with a presentation titled, "AEM and ASABE: A History of Cooperation." Slater will discuss the organizations' shared history as well as highlight some exciting new collaborations being planned.

Tuesday's awards luncheon will honor the 2018 AE50 award winners. Stick around for the AE50 Showcases that afternoon, to hear several selected awardees discuss their products. AE50 awards celebrate companies for their developments in agricultural, food, and biological systems. Many entries are submitted each year, and up to 50 products are selected for recognition by an expert panel of engineers.

Students! ASABE is proud to be able to offer sponsored registrations to undergraduate students and graduate students that qualify through the generous contributions of industry leaders. There are still a few openings available for this opportunity. Contact Jessica Bell at bell@asabe.org for more information.

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Promote Your Department and Students in "Discover" Magazine

ASABE's *Resource* magazine is seeking inspired content for the eighth edition of "Discover," our colorful special issue that promotes agricultural and biological engineering to prospective students.

This special issue is only published every three years. Will your school be represented? Copies are distributed via Engineers Week activities, the FFA National Convention, requests for career materials, and other outreach. Your school may also place an advertisement and order extra copies. See the last edition at <https://www.asabe.org/Discover> for ideas.

We are looking for current students and recent graduates who:

- have an internship that has proven to be a decision-making opportunity for future study or career choices,
- have study-abroad experience that would entice other students and be fun to read about,
- have employment that is a great fit for a recent grad, perhaps because the new employee is an exemplary worker, creative, etc., or
- are an inspiration, to help others "discover" the possibilities.

We would like to interview your students and grads as soon as possible!

Please email [Sue Mitrovich](#) with the student's name, contact information (email address and phone number), and a brief introduction to them, perhaps only a paragraph or so, by February 7.

"Discover" spotlights schools like yours that are leading the way and promotes agricultural and biological engineering to prospective students. It explores the academic, industry internship, and study abroad opportunities that are available. In addition, it highlights students and job newcomers with interesting backgrounds and provides up-to-date career possibilities and fulfilling work scenarios.

"Discover" will be published in September 2018, in time for the start of the academic year.

Please act soon so that your school may be represented. We look forward to hearing from you!

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On an ASABE Committee Forum? Please Update Your Contacts List

ASABE committee email addresses changed with the recent Forum upgrade. If you're on an ASABE committee, please take a few minutes to update your email contact list. The new address includes *asabe-* in the prefix and *forums* (not *eforums*) in the extension. Example: asabe-e-05@forums.asabe.org.

Questions? Contact [Jean Walsh](#), ASABE standards administrator.

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AE50 Awards to Be Presented at AETC 2018



The recently announced [AE50 Award winners](#) will be recognized at the 2018 Agricultural Engineering Technology Conference next month, in Louisville. Each year AE50 awards honor companies offering the most innovative 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 13, at noon, in the

Grand Ballroom. Look for the AE50 showcases, which will follow in Medallion A/B.

The AE50 products featured in these sessions were new to the marketplace in 2017, 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 2018 AE50 awards.

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Renew Now to Avoid Service Interruption



Tie a string on your finger, set a popup reminder on your computer. Whatever it takes—don't forget to renew! Even though the deadline for paying 2018 member dues has come and gone, it's not too late.

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 800/3712723, or 269/932-7005, by faxing your invoice to 269/4293852, or by returning your invoice in the mail.

Thank you! ASABE is made stronger by your continued membership.

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Resolution: Job Search

Whether you're looking to move up the career ladder, start a new career, or make more money with a new position, there's no time like the New Year to make some job search resolutions. So how do you prepare for the strong hiring period the first quarter of the year tends to bring? The answer is simple: by investing in yourself. Search open positions or upload your resume. Posting your resume on the [ASABE Career Center](#) will show employers that you are the most qualified candidate, as evidenced by your most up-to-date experience, skills, and abilities.

Kick off the New Year the right way by visiting the [ASABE Career Center](#) and engage with some of the top employers in the industry.

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YPC at HQ



The YPC Executive Committee recently came to St. Joseph for their annual retreat. They had a full agenda covering everything from planning for the Detroit meeting to

communication outreach strategies for the coming year. It was a pleasure hosting them at headquarters, which was a first-time visit for many of them.

In photo, from left: Sarah Yeo, Rebecca Kallal, Gayle Baker, Amelie Sirois-Leclerc, Bailey Thomas, Jason Schuster, Meg Sheehan, Shane Williams, Austin Roepke, Joshua Sander, Qualla Ketchum

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Latrine Project Selected for 2018 Giving Back Funds

The Giving Back Fund (GBF) committee is pleased to announce that the 2018 recipient of funding is the Kansas State University Engineers Without Borders team for their project in Guatemala. The KSU-EWB team previously assisted the village of El Amate with constructing a new school. The current challenge is a latrine for the students at the school. The design calls for use of a self-cleaning biodigester. The funds from the GBF will be used to purchase construction materials in Guatemala. Watch for results to be shared in 2019. The team includes two ASABE members, Nicole Young and Jodie Ladner.

The GBF committee is pleased to report that they received three requests for funding in 2018. With limited funds available, the committee chose to support one

project instead of dividing the available money. However, 2017 was a record year for donations to both the endowed portion of the GBF and the capital fund portion, both managed by the ASABE Foundation, where it is part of the KEYS effort. The committee especially wishes to thank ASABE leadership for their personal contributions to the Giving Back Fund. Donors in 2017 included past and present ASABE leaders Maury Salz, Tony Kajewski, Darrin Drollinger, and Sonia Maassel Jacobsen.

Does the Giving Back Fund sound like something that aligns with your charitable-giving goals? Contact [Mark Crossley](#), ASABE director of advancement, for more information about this and other worthwhile funds.

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ASABE Technical Library--One of Your Most Valuable Member Benefits!

Want to stay up to date on the latest research, technology, and best practices? Of course, you do. And that's what makes the ASABE Technical Library an indispensable benefit of ASABE membership.

Take note of the following to make the most of your access:

* Check out www.asabe.org/TechnicalLibraryHelp on how to use Google to search the technical library.

* Member credits for the Technical Library are being restocked for 2018. Your annual membership in ASABE provides you with credits for five standards and 100 other full downloads from <https://elibrary.asabe.org>.

* The DOI number is the best way to share and link to an article in our library. If ASABE changes web servers, the DOI will continue to point to the new location. For example, the URL <https://doi.org/10.13031/trans.59.11347> will redirect users to the current location of the article in our library.

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Global Water Security Conference - Call for Papers Now Open



Abstract proposals are currently being solicited for presentation at the Global Water Security for Agricultural and Natural Resources Conference. The deadline is March 15, 2018. Daily themes for the conference include:

- Agricultural Water Scarcity and Security: Weathering Water Resource Extremes
- Irrigation & Drainage, Conservation, and Water Management for

Sustainable Agricultural Growth

- Identifying, Managing, and Treating Conventional and Alternative Agricultural Water Supplies

Visit www.asabewater.org for more details.

Jointly organized by ASABE and the Indian Society of Agricultural Engineers, the conference will take place October 3-6, 2018, in Hyderabad, India. This is the second installment in the ASABE Global Initiative conference series.

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In Memoriam - Gaylen Kromminga



Gaylen J. Kromminga, 52, of Morton, Ill., passed away Nov. 5, 2017, at Unity Point Health–Methodist Hospital in Peoria.

Kromminga was born May 10, 1965, in Waterloo, Iowa, to Arlen and Carol (Jungling) Kromminga. He was united in marriage with Roxie Silver on March 9, 2011, in Las Vegas, Nev. Surviving are his wife, Roxie, of Morton; two step-sons, Neil (Jenny) Bochmann of Toledo, Ohio, and Jared Bochmann of Aredale, Iowa; two grandchildren, Ava and Adam Bochmann; his parents

of Aplington, Iowa, and sister Pam (Dale) de Neui of Dunkerton, Iowa.

Kromminga was a 1983 graduate of Dumont Community High. He attended Iowa State University and graduated in 1988 with a B.S. degree in agricultural engineering. He graduated with distinction and was a member of the university's honor program.

Kromminga worked in the agriculture industry at CNH in Goodfield, Ill., in the engineering department for 29 years. He was instrumental in obtaining multiple patents.

He was currently attending Morton United Methodist Church and was a member of Bethel Reformed Church in Aplington, Iowa. Kromminga was a classic-car enthusiast and was a member of a classic-car club. He enjoyed snowmobiling, waterskiing, and was also an avid hunter.

He was a 12-year member of ASABE.

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In Memoriam - James L. Steele



James LeRoy Steele (Jim), formerly of Centerville, Iowa, Suffolk, Va., and Manhattan, Kan., died on January 4, 2018, after a long battle with cancer.

Steele grew up in Centerville, Iowa, in Appanoose County, on the family farm. He graduated from Centerville High School in 1956 and attended Centerville Community College, majoring in engineering preparatory studies. From there he attended Iowa State University from 1957-1967. While at Iowa State Jim earned

bachelor's and master's degrees in agricultural engineering and his Ph.D. in agricultural engineering, engineering mechanics and plant physiology. During his tenure at Iowa State, Steele married his high school sweetheart, Diane Sumpter. Together they moved to Ames, Iowa, where they started their lives together. They

were married 58 years.

In 1967 Jim's work took them South, to Suffolk, Virginia where Jim worked for the USDA at the Virginia Agricultural Experiment Station in Holland, Va., from 1967 to 1987. His research on peanuts included disease research, artificial drying, storage, and curing conditions of directly harvested peanut seed, and computer-controlled drying related to peanut seed production. He also studied the deterioration and storage life of shelled corn. In 1993 he was invited to present testimony on grain dust and grain dust explosions before the U.S. Senate subcommittee on Agricultural Research, Conservation, Nutrition and Forestry on Capitol Hill. While working in Virginia, he held an adjunct professor appointment in the Department of Agricultural Engineering at Virginia Tech.

From there, after 20 years in Virginia, his career took Steele back to the Midwest, to Manhattan, Kan. He finished out his career in agricultural research, working for the USDA at the Grain Marketing Research Lab. There he worked with a group of agricultural engineers to develop an instrument called a Single Kernel Wheat Characterization System (SKWCS). This SKWCS unit measured single wheat kernels for hardness. He was a lead person involved in obtaining the patent for the SKWCS unit and transferring the SKWCS unit from the USDA to a manufacturer of wheat systems, Perten Instruments. Steele and a fellow developer of the SKWCS unit were invited to Vienna, Austria, in 1994 to present a talk on the SKWCS unit development.

During his career he was a published author. He held offices and served on committees in both professional and honorary societies. He was frequently consulted by agricultural extension specialists and other scientists on peanut drying, curing, and design of research equipment and facilities. He was often asked to discuss peanut harvesting and storage with foreign visitors from Japan, Israel, Egypt, West Germany, and the Peoples Republic of China.

Steele retired in August of 2000 from the USDA and remained in Manhattan. After retiring from government research, he acquired his childhood family farm in Centerville, Iowa, and returned to his roots, farming, where he seemed happiest.

Steele was a devoted and loving husband, father and grandfather. He was preceded in death by his parents Joseph Elmer Steele and Dena Barnes Steele of Centerville, Iowa, and a sister, Joanne Steele Melody of Kennett Square, Pa.

Left to cherish his memory are his wife Diane L. Sumpster Steele of Manhattan, Kan.; daughters Kimberly Steele Tucker and her husband James S. Tucker, Jr. of Greeneville, Tenn., and Heather Steele Holborn and Melvin Ty Holborn of Manhattan, Kan.; two grandsons, Joshua A. Tucker and Peyton S. Holborn. He is also survived by one sister, Jeanne Steele Virtue and her husband Terry Virtue of Onawa, Iowa, and their two sons and their wives; Mark and Sandra Virtue of Belleview, Washington and Todd and Caroline Virtue of Boston, Mass.

In lieu of flowers, memorial gifts of remembrance can be made to the American Cancer Society, the Appanoose County 4-H Youth Foundation, and the Sharon Chapel Cemetery Association Fund.

Steele was a 62-year member of ASABE and was elected a Fellow in 1998.

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Recent Standards Activities

Proposed Projects

- X572.2, Spray Nozzle Classification by Droplet Spectra

- X241.5, Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage
- X243.5, Thermal properties of grain and grain products
- X487.1, Moisture Measurement—Tobacco

New Revisions

- ASAE EP484.3 DEC2017, Diaphragm Design of Metal-Clad, Wood-Frame Rectangular Buildings

Press Releases

- January 5, 2017, New International Standard Approved for Speed Signage on Agricultural Equipment

Click [here](#) for a complete listing of ASABE Standards project activities, including recent press releases.

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