



Inside ASABE

News for and about ASABE members

November 28, 2018

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From the Executive Director



If you enjoy innovation and entrepreneurship, I hope you found the November/December issue of *Resource* on ag startups as stimulating as I did. Hearty thanks to guest editors Steve Zahos and Tony Grift for bringing this special issue together.

A great way to continue the innovation theme is to survey the just-released list of 2019 [AE50 winners](#). These 50 products are an impressive display of the latest in ag and bio engineering technology. The very top AE50 product or products will also be selected for the new Davidson Prize. In partnership with AEM, we will present the Davidson Prize(s) at the Commodity Classic in Orlando, Florida. Learn more about the Davidson Prize [here](#).

It especially warms my heart to see that the EvaKuula, developed by ASABE member William Kisaalita and his team at the University of Georgia, has been recognized with an AE50 award. The EvaKuula is an off-grid biogas/wind-powered milk cooler that allows small-holder dairy farmers in sub-Saharan Africa to store their evening milk and sell it at a later time. Here's a short [video](#) on the EvaKuula. The EvaKuula is a perfect example of how ag and bio engineers are creating useful, affordable, sustainable

Upcoming
ASABE
CSBE/SCGAB
Section
Meetings
and
Other Events

Quad City
Dec 4

AETC 2019
Feb 11-13

Click
for details

WELCOME
New
Members!

October
2018

Click to see who's
joined
your network of
colleagues

technology that alleviates poverty and advances the quality of life for people all over the world. That's what our profession is all about.

Darrin J. Drollinger
Executive Director

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Time to Renew Your Membership



A friendly reminder that ASABE membership renewals are due no later than January 1, 2019. Here are your options for renewing, if you haven't already done so.

Renew online. This is a fast and easy way to renew. Simply log in to the members-only section of the website from www.asabe.org. Click the *Renew Now* button and follow the directions from there.

Renew by mail. Please return your original invoice with payment by check or credit card in the envelope provided. Be sure to supply us with updated contact information. Invoices will be mailed this week.

Renew by phone. Call us at 800/371-2723 x 7028 or 269/932-7028 and we'll be happy to take your dues payment over the phone with a credit card.

Renew by Fax: Fax your completed invoice and credit card payment information to 269/429-3852.

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Board Approves 2019 Initiative Funds

If you've had a new project or service in mind that would benefit the Society, now is the time to bring it forward.

The ASABE Board of Trustees, at its November meeting, approved Initiative Funds of up to \$50,000 for 2019. Groups within the Society are now invited to prepare proposals for putting these funds to most effective use. Initiative Funds make possible new projects and services that further the interests of the Society. Proposals can represent a one-time investment, or a pilot project that, if proven valuable, can become an ongoing activity of the Society. Proposals are accepted at any time of the year and should align with the Society's strategic priorities. Submission deadlines and details about the submittal process may be found [here](#).

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AE50 Winners Announced



ASABE and *Resource* magazine are pleased to announce the 2019 AE50 winners.

AE50 awards honor the year's most innovative designs in engineering products or systems for the food and agriculture industries. The products will be featured in the January/February 2019 special issue of *Resource*.

For a list of the winners [click here](#)

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New in 2019: Nye Graduate Fellowship

Beginning in 2019, ASABE is proud to offer the newly endowed Nye Graduate Fellowship. The Nye Graduate Fellowship is a \$1,500 scholarship given to a minority PhD student member. The annual application deadline will be March 15.

More information about this new scholarship is available [here](#).

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Tractor History Books for Christmas on Amazon

Tractor-history books make a unique gift. Order from our [Amazon store](#) quickly with Prime shipping.

Can't find what you're looking for? Call us at 800-695-2723.

Available Titles

A Century of Ford and New Holland Farm Equipment
A Guide to Allis Chalmers Farm Tractors
A Guide to Ford, Fordson and NH Tractors 1907-1999
A Guide to Hart-Parr, Oliver, and White Farm Tractors, 1901-1996
Agricultural Tractor 1855-1950
Cockshutt: The Complete Story
Designing the New Generation John Deere Tractors
J.I. Case Agricultural & Construction Equipment 1956-1994, Vol. 2
The Proud Heritage of AGCO Tractors

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Online Holiday Shopping? Support ASABE with AmazonSmile

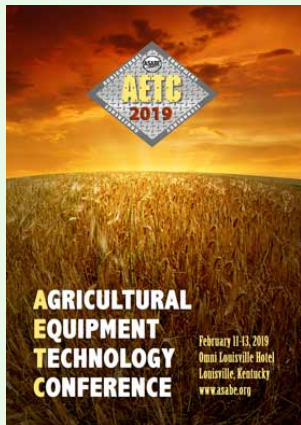


Did you know that ASABE participates in AmazonSmile, a program started by Amazon to give back to your favorite charity? Simply follow [this link](#), and Amazon will select ASABE as your charity of choice.

Every time you shop through Amazon, 0.5% of your purchase will be donated to ASABE. It's as simple as that! No need to pay extra or donate separately; Amazon automatically donates a percentage of your purchase to the Society.

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AETC 2019 - Save the Date!



2019 Agricultural Equipment Technology Conference
February 11-13, 2019
Omni Louisville Hotel, Louisville, Kentucky

Registration is open for the 2019 AETC! Join us this coming February in Louisville for this premier conference. AETC will offer CPDs, a tour to the Louisville Slugger Museum, a distinguished lecture, professional development hours and plenty of opportunity for networking-all in a brand new venue!

Visit www.asabe.org/AETC2019 for information on how to register, the conference agenda, accommodations, and more. The Early Bird registration discount expires January 2.

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Virtual Career Fair Open to ASABE Members



Please join us for a Virtual Career Fair on March 6, 2019. Employers will be available to recruit science and engineering professionals live online. This recruiting event will be held from 11:00 am to 3:00 pm eastern time. Find registration and more information [here](#).

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AIM 2019 - Call for Papers, Registration Now Open



ASABE 2019 Annual International Meeting
Marriott Copley Place, Boston
July 7-10, 2019

Authors! The submission site for the 2019 AIM is now open. If you are interested in presenting your research in either a poster or oral session at the 2019 Annual International Meeting, now is your chance.

Abstracts will be accepted until January 4, 2019. Full details are available on [the abstract-submission portal](#).

Registration is also open! Bookmark www.asabemeetings.org for all information on registration and accommodation as well as the call for abstracts, sessions, and instructions. Details on the agenda, optional events, and tours will be coming soon.

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New Faces of ASABE: Deadline December 10!

Nominations are open for 2019 New Faces of ASABE, the outreach program that recognizes the outstanding talents and passions of the rising generation of engineering leaders, whose work is already having significant impact on public welfare around the globe. The program has two categories: [College Edition](#), for undergraduates, and [Professionals](#), for engineering graduates 35 years of age and younger. ASABE offers its College Edition winner a \$1000 scholarship, while the winner in the Professionals category is invited to travel to Washington, DC, to represent ASABE at Engineers Week activities.

Entry deadline: December 10, 2018.

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Support Your Humanitarian Project with a Giving Back Fund Award

Do you have a humanitarian project that could benefit from financial support? The Giving Back Fund can help.

The fund exists to showcase the knowledge and skills of the agricultural and biological engineering profession through projects that benefit underserved individuals or groups. Past fund recipients include the Purdue PUP vehicle project, and a Village Harvest Center, in Laos. An ASABE Foundation fund, the Giving Back Fund has money available annually to support one or more projects. Submissions are due to ASABE headquarters by December 31 of each year. Visit the [website](#) for complete details.

Like the concept of the Giving Back Fund? Giving Back projects are underwritten by the ASABE Foundation, and donations are strongly encouraged so that more projects may receive financial support. Donors will be asked to designate what portion of their contribution is to be used in the year given, and which portion is to be placed in the endowed fund, from which the future earnings can be used to support projects.

Contact [Dolores Landeck](#) for additional information.

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Convert Your AIM Paper to a Peer-Reviewed Journal Article

Get published in one of our peer-reviewed journals. Your annual meeting paper has a very similar format to our journals, making it easy to move ahead.

To get started quickly, read the [overview](#).

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ASABE Member Roster Ready to Ship

The printed member roster, available exclusively to ASABE members, remains a popular publication thanks to its ease of use and rich content. Within its pages you'll find not only contact information for your fellow ASABE members, 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.

Cost is only \$39, plus postage and handling. Call 800-695-2723 to order your copy, or simply order it with your dues renewal.

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Young Professionals Convened at ASABE Headquarters

Members of the Young Professionals Community Executive committee recently came to ASABE headquarters, in St. Joseph, Mich., for their annual retreat. They had a full agenda, covering everything from planning for the Boston meeting to improvements to the online mentoring program. It was a pleasure hosting them at headquarters.

In photo, from left: Veronika Vazhnik, Rebecca Kallal, Sarah Yeo, Joshua Sander, Noel Menard, Gayle Baker, Bailey Thomas, Austin Roepke, Shane Williams.



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ASABE Student Competitions: New Timelines for Participation

Good news for preprofessionals interested in ASABE student competitions! Many application deadlines have been updated to better align with common semester-based timelines:

- Boyd-Scott Graduate Research Competition—March 15
- Ethics Essay and Video—April 15
- AGCO National Student Design Competition, KK Barnes Student Paper Competition, Gunlogson Design Open Competition—May 15

For more details on eligibility or competition guidelines, please visit our [website](#)

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Scholarships Available to ASABE Preprofessionals

ASABE offers three \$1,500 scholarships annually. Entry deadline for all scholarships is March 15. Applicants must be ASABE student members. For more details on eligibility, please visit the scholarship web pages linked below.

[William J. Adams Jr. and Marjane E. Adams Scholarship](#)
[ASABE Foundation Engineering Scholarship](#)
[John C. Nye Graduate Fellowship](#)

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Associate Editors Receive Recognition

ASABE recognizes associate editors who meet or exceed best practices while handling at least four manuscripts during the past year. Associate editors are key to achieving our goals of a quality peer review in a timely manner.

We are pleased to recognize the following individuals for their excellent work.

Carmen Agouridis	Loren Gautz	Jaume Puig-Bargués
Srinivasulu Ale	Matthew Helmers	Shafiqur Rahman
Daniel Andersen	Isaya Kisekka	Sanjay Shah
Claire Baffaut	John Lawrence	Randal Taylor
Arend-Jan Both	Zifei Liu	Harold Thistle
Kendall DeJonge	Sudhagar Mani	Kelly Thorp
Garey Fox	Kati Migliaccio	Lin Wei
Bradley Fritz	David B. Parker	Mark Wilkins
John Fulton	Marvin Paulsen	

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Choi Wins Giuseppe Pellizzi Prize

Daeun "Dana" Choi, Penn State University, was announced as the sole winner of the prestigious Giuseppe Pellizzi Prize in Bologna, Italy, earlier this month. The award honored the best PhD dissertation worldwide during 2016 and 2017 related to agricultural machinery or mechanization.

Choi's dissertation, "Development of intelligent vision systems to support precision agriculture practices in Florida citrus production," was written at the University of Florida.



Choi has been on the Penn State faculty since receiving her PhD in 2017. She is a 6-year member of ASABE.

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In Memoriam - Stanley J. Clark



Former ASABE member Stanley J. Clark passed away on November 19, 2018.

Clark was born on September 22, 1931. He was the son of Swedish parents, Joe and Nan Clark. His family farmed in the New Gottland Community, McPherson County, Kansas their whole lives. He attended McPherson High and graduated with high honors in 1950. He was active in FFA, and a member of Student Council. He was prom king his senior year.

Following in his older brother Maurice's footsteps, he attended Kansas State University. Clark was in the ROTC program during this time, and graduated in 1954 as a 2nd lieutenant in the air force.

Clark met the love of his life while at KSU, Diana Kay Kientz. After a short courtship, they married, June 1, 1958. Their deep love lasted a lifetime, as their 60 years of marriage, were built on their deep and abiding faith in Jesus Christ. Their testament of love continued through the last three years of Clark's life which were spent at Baldwin Care Center.

After graduation, he went to work for three months at John Deere before going into the Air Force for three years. He served most of his time at Bryan Air Force Base, Tex, where he was an installation engineer. After leaving the Air Force as a captain, he returned to K-State to get his master's degree in agricultural engineering, which he completed in 1959.

By the time he got the call to come back to KSU to teach in 1966, Clark had also completed his doctorate in ag engineering at Purdue University and was a research engineer at Colorado State University. He continued to research and teach at KSU for 30 years. The last 9 years, he was department head, and served on the faculty senate.

Although he enjoyed teaching, his real love was for research and getting grants to enable the department to do this. The energy crisis of 1973, prompted extensive testing of soybean esters as a viable diesel fuel source. Economics kept soybean oil from entering the diesel fuel market, but the research done by their department was invaluable. His second major career accomplishment was getting a name change to the department in 1994. They changed the department name to ag technology management. This provided name recognition. They also added several programs, food and environmental engineering which opened up the field to more women.

Clark was a world traveler. He served as international consultant for agricultural engineering affairs in the Philippines, Egypt, Nigeria, and India. He made many trips abroad for this purpose. A highlight of his career came during a sabbatical summer in 1970, when he worked along with other engineers at NASA to design a space vehicle that traveled on the moon.

Survivors include his devoted wife, Diana, five daughters and sons-in-laws, 14 grandchildren, and 11 great grandchildren.

Memorial contributions may be made to the Lighthouse Baptist Church of Baldwin, or to Gideons International. Memorial contributions may sent in care of Crick-Christians Funeral Home, 103 N. Washington, Lindsborg, KS 67456.

Clark was a 47 year member of ASABE.

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In Memoriam - Arthur W. Cooper

ASABE Fellow Arthur Wiggins Cooper passed away on October 26 at his home in Auburn, Ala. He had celebrated his 100th birthday on March 3 of this year at three jubilant parties. He lived an interesting, accomplished, and distinguished life.

Cooper was born in Fairfield, Ala., on March 3, 1918, and grew up in Montevallo, Alabama. He came to Auburn University (then API) to study forestry, but changed to agricultural engineering in his junior year. He received his degree as a member of the first class to graduate with a BS in ag engineering from Auburn. He received his MS in



the same field in 1941. In 1956, Cooper received his PhD in ag engineering from Michigan State University. Returning to Auburn afterward, Cooper helped establish the first PhD program in agricultural engineering. During his career Art both taught and did research at Auburn and also Purdue University.

Cooper returned to Auburn he became the assistant director, and later director, of the National Tillage Machinery Laboratory, USDA, from 1958 to 1970. This laboratory is the only research facility of its kind in the United States and international respect for the work of the lab was greatly enhanced by Cooper's research, technical papers, letters, and travels.

Cooper was one of the first exchange scientists to the USSR, and afterward his talk on mechanization of agriculture in that country was presented over 60 times throughout the United States. He visited 21 foreign countries to consult, lecture, exchange information, and do cooperative studies.

Under his supervision, the lab attained a position of leadership in research in the US and the world. In 1969, Cooper was named recipient of the John Deere Gold Medal for his distinguished achievements as Director of the National Tillage Machinery Laboratory and as an outstanding ASAE Fellow. In 1989 he received the Outstanding Alumni Award from the ag engineering department at Auburn. At one point Cooper was recognized as the oldest living member of ASABE. He held many other honors recognizing his professional efforts.

Cooper moved from Auburn to Washington, DC, in 1970 to become the deputy administrator for soil, water, and engineering for the USDA Agricultural Research Service. He was appointed to be the regional administrator for the southern region of ARS, in New Orleans. His region included 13 southeastern states, Puerto Rico, and the US Virgin Islands, with research sites in Mexico and El Salvador. The region included 1,000 scientists and 2,800 total staff, with more than 30 different scientific disciplines, including physical chemistry, vet medicine, plant sciences, microbiology, environmental quality, and others.

Upon returning to Auburn after retirement, Cooper and his wife, Dorothy (married 63 years before her death in 2002), took on a wonderful project. Together they happily managed 900 acres of timber on their land and renovated Dorothy's grandfather's plantation house, which had stood on the land since 1837. At the end of the restoration of the Summers-Cooper House, it was placed on the National Register of Historic Places.

Surviving are four children, Arthur Wiggins Cooper, Jr. (Julia), of Dallas, Tex; Mary Cooper Kitchen (Robert) of Fairfax Station, Va.; Robert Wayne Cooper (Bonnie) of South Dartmouth, Mass.; and Donald Summers Cooper (Hyun Chu) of Tampa, Fla.. Also included in the gathering are his eight grandchildren, a baker's dozen great grandchildren, and many other nieces, nephews, relatives, and friends.

In lieu of flowers donations may be sent to Auburn University Department of Agriculture at <http://www.auburn.edu/give> or the Carl and Jessie Summers Scholarship Fund, which sends deserving students from Lee County to Auburn University. Send to that fund at Attn: Sarah Morris, 4680 Hwy 280 East, Birmingham, AL 35242.

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Recent Standards Activities

Proposed Projects

- X639.2, Safety Standard for Large Row-Crop Flail Mowers

New Standards

- ANSI/ASABE S647 OCT2018, Seed Cotton Module Identification System
- ASABE S573 OCT2018, Procedures for Evaluating Variable-Rate Granular Material Application Accuracy

New Revisions

- ANSI/ASABE S602.3 OCT2018, General Safety Standard for Agricultural Tractors in Scraper Applications
- ASAE/ISO 5687:2018 OCT2018, Equipment for harvesting - Combine harvesters - Determination and designation of grain tank capacity and unloading device performance

Press Releases

- October 23, 2018, ASABE Completes Standard for Seed Cotton Module Identification
- October 25, 2018, ASABE Announces the Publication of a New Standard for Testing Granular Material Application
- November 1, 2018, ASABE Revises Ag Scraper Tractor Safety Standard
- November 1, 2018, ASABE Revises Combine Harvester Equipment Standard

- November 1, 2018, ASABE Announces the Publication Of a New Lighting Standard for Horticulture

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