



December 21, 2017

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From the Executive Director



About 100 people were in attendance earlier this month at the SmartAg International Symposium, held at Michigan State University's Kellogg Hotel and Conference Center. ASABE leaders Ajit Srivastava and Renfu Lu worked with John Verboncoeur, associate dean for research in MSU's College of Engineering, to develop this unique event, which brought ASABE and IEEE together to explore opportunities for collaboration in food and agriculture. ASABE Past President Norm Scott is the advisory committee chair, and he's working to summarize the symposium outcomes and develop a road map for future activities. For additional background, visit the conference [website](#).

I'm particularly enthusiastic about the possibilities for collaboration with IEEE. John Verboncoeur, who is very active in IEEE, approached us last spring about working together on the symposium. After a presentation to the ASABE Board of Trustees, it became clear that the SmartAg symposium would be an excellent opportunity to build on our tradition of solving problems and working well with other organizations.

In particular, the symposium sparked a lot of ideas for joint conferences, shared publications, and common standards work.

Blockchain technology was one of the many hot topics discussed during the "lighting round" sessions of the symposium. Blockchain has been all over the news recently, mainly because of Bitcoin and other cryptocurrencies, and predictions are that this technology will redefine the food and food safety industries with its low-cost and nearly tamper-proof traceability attributes. ASABE is well positioned to advance this work, and we are equally well positioned to partner with organizations like IEEE to make it happen faster.

Darrin J. Drollinger
Executive Director

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2018 Slate of Candidates Announced: Sue Nokes Nominated for President



ASABE Fellow Sue E. Nokes, PE, nominated for president, leads the list of candidates on the ballot for the 2018 election of Society officers. The complete list of candidates for 2018 is available for [preview](#) on the ASABE website. New this year, members with a valid email address will be sent balloting instructions on January 3 from Intelliscan.

For your ease, voting will be conducted electronically beginning January 5 via a personalized, secure link sent to your email, again from Intelliscan. No need to login to the ASABE website. Those without a valid email address will receive by regular mail information about accessing the ballot.

Contact Joann McQuone by [email](#) or by phone (269/932-7022) with any questions you may have about the process. Balloting will close March 1, 2018.

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Renewal before End of 2017 Earns Annual Meeting Discount!

Here's an end-of-year offer you won't want to pass up: Pay your membership renewal before the end of 2017 and save on your 2018 annual meeting registration. Complete your renewal before January 1 and you can also register for the ASABE 2018 Annual International Meeting (AIM). You'll not only get the early bird rates, you'll also save an additional \$50. The corresponding amount has been added as an option to your online invoice. To take advantage of these savings, you must do so before the end of 2017.

The 2018 AIM will be held July 29 to August 1 in Detroit. To renew online, please log in to the members-only page from the ASABE [home page](#) and follow the payment link from there. Of course, you may always call us at 800/371-2723 or 269/932-7005 and pay over the phone, or fax your payment to 269/429-3852. Thank you in advance for your continued support.

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Ag/Bio PE Exam Financial Incentives Deadline Extended to January 15

Have you ever pondered taking the agricultural and biological engineering PE exam? Would an incentive help influence your decision? ASABE's Professional Engineering Institute, the Dale Wm. Zimmerman PE Fund, and the Board of Trustees have committed funding for two incentives aimed at encouraging members to take our exam. See the exam specifications [here](#).

First-Time Takers: We'll pay your exam application/test fees, up to \$300. And we'll also give you \$150 to be used any way you see fit. All just for sitting for the Ag/Bio Eng PE exam. This offer is open exclusively to ASABE members who are first-time candidates. A *first-time exam taker* is defined as someone who has not attempted to take a professional engineering exam in any discipline prior to the April 2018 administration.

Repeat Takers: Members who wish to take our PE exam, regardless of any previous exam attempts, in any discipline, will be reimbursed \$150.



With
best
holiday
wishes
for
all that
brings
you
JOY!

from
your
ASABE
Staff



These offers are open to 30 members each, on a first-come, first-served basis; openings are still available for each. See complete details of both programs online.

Please sign up by January 15. To reserve a spot, contact [Mark Crossley](#).

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Last Call for Giving Back Fund Applications - Support Your Humanitarian Project

Do you have a humanitarian project that could benefit from financial support? The Giving Back Fund can help. But don't wait to apply: The deadline for 2018 grants is December 31.

The fund exists to showcase the knowledge and skills of the agricultural and biological engineering profession through projects that benefit underserved individuals or groups. An ASABE Foundation fund, the Giving Back Fund has money available annually to support one or more projects. Funds have been awarded since 2014, most recently to the [Village Harvest Center](#) project team, led by ASABE members Floyd Dowell, Dan Martin, Jonathan Zeller, and Danny Rogers.

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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New ASABE Forums Offers Enhanced Document Security

The recently updated ASABE Forums offers users many upgrades, including enhanced security in document sharing. The upgrade, however, now requires that documents be sent to ASABE staff for uploading from headquarters. We think you'll agree that this additional step in committee work is a positive tradeoff, ensuring that the documents you share and receive are clean and safe.

Once uploaded, documents are available for all forum members to open and download as before. As always, to access ASABE Forums, log in at the ASABE website; use the Quicklinks box at the top of the page, or the link on the menu shown on the left side of your My ASABE page.

And please take a few minutes to update your email contact list, because committee email addresses have changed. The new address includes *asabe-* in the prefix and *forums* (not *eforums*) in the extension. Example: asabe-e-05@forums.asabe.org.

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OSU Publishes Video of Marvin Stone Memorial Session at AIM



The work and legacy of the late ASABE Fellow Marvin Stone, an internationally recognized Regents professor emeritus at Oklahoma State University, was commemorated through the Marvin Stone Memorial Session on Agricultural Electronics, held at ASABE's 2016 Annual International Meeting. A [video](#) of the session, developed by the OSU Agricultural Communications Services in partnership with ASABE, features a brief recap of Stone's contributions in research, teaching, and service, along with timely information on communication networks on agricultural and off-road equipment, real-time sensors in crop production, and visions of future advances in sensors and controls in agriculture.

Stone and his wife, Bonnie, passed away October 24, 2015, after being struck by an automobile at the OSU Homecoming parade.

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2018 AETC: Register and Reserve Rooms Now

Upcoming
ASABE
CSBE/SCGAB
Section
Meetings
and
Other Events

Quad City
January 16

Red River Valley
January 25

AETC
February 12-14

Engineers Week
February 18-24

Oklahoma
February 23

Click
for details

WELCOME
New
Members!
November
2017

Click to see who's
joined
your network of
colleagues

Don't wait to register for the 2018 Agricultural Equipment Technology Conference. The room block is nearly sold out, and early bird registration ends January 3. AETC takes place February 12-14 at Louisville's Seelbach Hilton. Highlights of this year's conference include:



- Keynote speaker: Dennis J. Slater, president, Association of Equipment Manufacturers
- Special presentation: Brian Olson, president, Power Pin, Inc.
- AE50 Award presentations and showcases
- CPDs and technical sessions

And don't forget to sign up for the tour! You won't want to miss the fun! This year's tour takes us to Louisville Mega Cavern for the Historic Tram Tour inside the man-made cavern comprising 17 miles of corridors. The cost is \$25 and includes transportation to and from Louisville Mega Cavern.

More details on all of the events and sessions happening at AETC are available online at www.asabe.org/aetc2018.

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Associate Editors Receive Recognition

ASABE recognizes associate editors who meet or exceed best practices while handling at least four refereed-journal 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.

Akinbode Adedeji
Daniel Andersen
Jaume Puig-Bargués
Robert Freeland
Daren Harmel
Kurt Rosentrater
Randal Taylor
Tamie Veith
Jun Zhu

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Help Us Continue to Recognize Outstanding Food Engineers

The International Food Engineering Award is one of ASABE's major awards presented annually at the annual international meeting. Administered by the ASABE Foundation, the award has been presented to 31 individuals over the past 46 years, honoring original engineering contributions in research, development, design, or management of food processing operations of significant economic value to the food industry.

The generous corporate sponsor of the award chose not to renew their five-year sponsorship term following the presentation of the 2017 award. ASABE's Processing Systems Technical (PRS) community and its associated food engineering community wishes to continue this award, as it has become an international hallmark for recognizing food engineering accomplishments around the world and has led to the distinction of the food engineering profession.

PRS is seeking to ultimately endow the International Food Engineering Award and present it annually, without interruption, to a leading food engineer. The ASABE Board of Trustees recognizes the importance of the award and has agreed to provide the \$3,000 required to fund it in 2018. However, we need your help to ensure it lives on. Our short-term goal is to secure a minimum of \$15,000 by August 2018 to fund the award for another five years. However, to fully endow the award so that it will be given in perpetuity, we must raise \$75,000.

We invite you to help us ensure this award continues by donating to the ASABE Foundation and designating it for the International Food Engineering Award. Thank you.

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AIM 2018: Abstracts Due Now

The annual meeting abstract submission site will close January 3. Find a list of sessions topics [here](#), then proceed to the [abstract submission site](#).





To stay up-to-date on all AIM activities, go to www.asabemeetings.org.

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Educational Aids Blue Ribbon Award Entries Due January 25

The Educational Aids Blue Ribbon Competition deadline is January 25. Awards will be presented at the 2018 Annual International Meeting, in Detroit, Mich.

For information about entry categories, submission instructions, and more details, please visit the Educational Aids Blue Ribbon Competition [website](#).

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History Books for Christmas Available on Amazon

Some history books and textbooks are available in our [Amazon store](#), as are Kindle or paperback copies of these two standards:

[ANSI/ASAE S279.17 JUL2013 Lighting and Marking of Agricultural Equipment on Highways](#)

[ANSI/ASAE S390.6 \(ISO 12934:2013\) DEC2016 Tractors and machinery for agriculture and forestry—Basic types—Vocabulary](#)

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Finding Exactly What You Need in the Technical Library

Check out www.asabe.org/TechnicalLibraryHelp on how to use Google to search our library. It also includes tips on how to use our built-in search engine. And be sure to try the new Google Advanced Search link on the search page <http://elibrary.asabe.org>.

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Preprofessional Scholarships Entry Deadline Reminder

All entries for the 2018 ASABE Foundation Scholarship and the Adams Scholarship are due into headquarters on March 15. For eligibility information, application instructions, and more information, please visit the scholarships [webpage](#).

Both of these scholarships are underwritten by the [ASABE Foundation](#).

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Advertising with ASABE: Access to an Elite Audience

[Resource](#) magazine is published six times a year in both print and electronic formats. The magazine features trends, new technologies, issues, and applications related to agricultural and biological engineering. Target your message to those who rely on what your business offers. Advertise for as low as \$95.

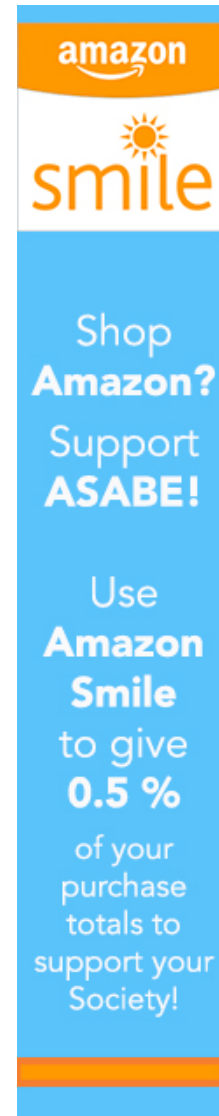
[Resource](#) is distributed to all ASABE members and available to all online. In addition, copies are distributed at [Discover Engineering Family Day](#) in Washington, D.C., and the [FFA National Convention](#), as well as to individuals, teachers, and others requesting career materials.

For more information contact Sandy Rutter, or visit www.asabe.org/advertising.

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Raghavan Serving as President of Canadian Academy of Science

CSBE & ASABE Fellow Vijaya Raghavan, professor, Department of Bioresource Engineering, McGill University; past president of CSBE; and former member of the ASABE Board of Trustees has assumed office as the President of the Academy of Science, Royal Society of Canada (RSC) this year.





Raghavan, a Fellow of the RSC since 2012, began his career at McGill in 1974 as a research associate and lecturer in the Department of Agricultural Engineering at Macdonald Campus. He became a full professor in 1987 and served as chair of the department from 1993 to 2003. The main thrust Raghavan's research efforts over the last two decades has been to study and develop post-harvest or post-production processes and technologies for the drying and storage of produce and crops.

He is a 50-year member of CSBE and ASABE.

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Lyle Among Cotton Research and Promotion Program Hall of Fame 2017 Inductees

On December 6, Cotton Incorporated inducted the 2017 class of the Cotton Research and Promotion Hall of Fame. The event took place in St. Petersburg, Fla., as part of the joint Cotton Board/Cotton Incorporated Board of Directors Meeting. The program, now in its fourth year, recognizes U.S. cotton industry leaders that have made significant contributions to the program or to the cotton industry in general. Former long-time ASABE member William M. (Bill) Lyle was among the three honorees.

Lyle has had a revolutionary impact on the cotton industry with the research and development of the low energy precision application (LEPA) system in the 1980s. His contributions as a cotton farmer, agricultural engineer, and scientist are recognized both nationally and internationally. Lyle has contributed his expertise to the U.S. Congress, John Deere and Company, and ASABE's Water Supply and Conveyance committee. He has previously been honored with ASABE's John Deere Gold Medal Award (1998), the High Plains Research Foundation's Agricultural Research Scientist of the Year Award (1981), the Texas Association of Agricultural Consultant Public Servant of the Year Award (1992), and the Secretary of Agriculture Group Research and Extension Award (1994), among others.

The Cotton Research and Promotion Program was established in 1966 to expand the demand for upland cotton and to increase profitability for both cotton growers and importers of cotton products. Lyle is the third agricultural engineer to be acknowledged since the inception of the program.

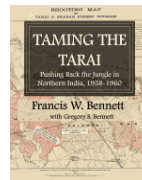
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Member-Authors Offer Holiday Reads



ASABE Fellow Gary Krutz has published a children's book, *Dream Happy, Be Great*. The 24-page fully illustrated book aims "to build a better society by providing insight into treating and respecting all people," according to liner notes. The book is available in hard copy and as an e-book, starting at \$4.99. Search www.amazon.com to find the publication.

Meanwhile, ASABE member Francis W. Bennett has published the autobiographical *Taming the Tarai*, detailing his experiences while working from 1958 to 1960 on the 16,000-acre Tarai State Farm, in northern India. Now the site of the G.B. Pant University of Agriculture and Technology, the farm brought its 3,000 employees, as well as cattle, in close contact with an aggressive tiger population that took advantage of tall kans grass that flourished on the farm. The book chronicles Bennett's experiences as an agricultural engineer hired by the U.S. Department of State to improve agricultural mechanization, turn back the kans-grass jungle, and help make the farm a safe working environment. Bennett's book can be found on www.amazon.com, www.barnesandnoble.com, and www.booksamillion.com.



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Recent Standards Activities

Proposed Projects

- X317.1, Improving Safety on Enclosed Mobile Tanks for Transporting and Spreading Agricultural Liquids and Slurry
- X324.2, Volumetric Capacity of Box Type Manure Spreaders—Dual Rating Method
- X354.7, Safety for Farmstead Equipment

- X434 WD, Aperture for Entry of Electrical Wiring Into Agricultural Tractor Cabs
- X475.3, Design and Management of Storages for Bulk, Fall-Crop, Irish Potatoes (joint project with PAFS-20 and PRS-702)
- X493.1WD, Guarding for Agricultural Equipment
- X591.1, Procedure for Measuring Point Trip Force and Maximum Trip Height of Tillage Shank Assemblies
- X613-2.2, Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Part 2: Cab & HVAC design
- X642, Recommended Methods for Measurement and Testing of LED Products for Plant Growth and Development

Standard Withdrawn

- ANSI/ASAE EP502 DEC1990 (R2012) Adjusting Forage Harvester Test Data for Varying Crop Moisture

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

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