



Inside ASABE

News for and about ASABE members

July 27, 2018

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From the Executive Director



Bob Gustafson

In just a few days, ASABE Foundation President Bob Gustafson will be passing the gavel to Lalit Verma. Bob has served two terms, or six years, as president, and he did an excellent job. All of the endowed funds that the Foundation manages for awards, scholarships, and special programs have been positioned to meet their for-purpose giving levels in perpetuity. The total assets under management during Bob's tenure grew from approximately \$2,633,000 on June 30, 2012, to \$4,350,000 on June 30, 2018. That's a key indicator of the Foundation's success.

Growing the assets was a great accomplishment; however, Bob led a number of even more important efforts. The Foundation continued the work started under President Allen Rider to improve and document its operating procedures. Bob effectively reinforced the point that the Foundation exists to serve the Society. The director of advancement position was established on staff, and we are working with the Development committee to create a culture of philanthropy

WELCOME
New
Members!

June
2018

Click to see who's
joined
your network of
colleagues

Upcoming
ASABE
CSBE/SCGAB
Section
Meetings
and
Other Events

ILES X
Sept 25-27

GWSC
Oct 3-6

Texas Section
Oct 10

Click
for details

within ASABE. Most importantly, the overall perception of the Foundation and the impact that it's making on ASABE have grown tremendously.

Thank you, Bob, for your leadership and a job well done. For those planning to be in Detroit next week, be sure to join us Tuesday evening for the Foundation's dinner cruise, where we'll toast Bob for his outstanding service.

Darrin J. Drollinger
Executive Director

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2018 AIM: Check Out the Optional Events and Tech Session Schedule



We hope you will be joining us at the next week for the 2018 AIM in Detroit. If you haven't registered yet and would like to attend, onsite registration will be open starting July 28.

Need to apply for PDH credits? Stop by the ASABE

registration desk in the Cobo Center to pick up a form. ALL of the technical sessions qualify! There are still spots available for five of the Continuing Professional Development courses. These will take place on Sunday and range in cost.

A list of available tours will be posted at the ASABE registration desk for those interested in seeing some of the city.

For a full list of all the technical sessions, events, committee meetings, and hotel accommodations go to www.asabemeetings.org.

And don't forget to download the meeting app! Build your itinerary, check out all the events, find a floor plan, and more. The app will put all program information quite literally at your fingertips. Check your email for the message sent July 23: It contains the instructions and pass codes for access to the app.

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Financial Incentives Offered for April 2019 Ag/Bio PE Exam

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 ASABE 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, for 30 first-time takers of the exam. 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 only open 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 2019 administration.

Repeat Takers: Members who wish to take our PE exam, regardless of any previous exam attempts, in any discipline, will be reimbursed \$150. This offer is available to 30 members on a first come, first served basis.

See complete details of both programs [online](#). Deadline for sign-up is January 1, 2019.

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New ASABE Editor in Chief Position: Candidates Invited to Apply

To further expand the dissemination of knowledge to our constituents, ASABE has created a new paid position for a journals editor in chief (EIC). The EIC will oversee the entire peer-reviewed journal process and provide strategic guidance for improvements.

The ideal candidate will have an outstanding publication record and a strong reputation in the ABE profession and will be respected by Society members. See the [position description](#) for additional details. Candidates should send a cover letter and curriculum vitae to JournalsEIC@asabe.org.

Review of applicants begins September 15, 2018, and the position will remain open until filled.

NEW!
Remote
Weather
Monitoring
Kits



Starting at
\$1730!

ONSET

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Your Kit!

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Upgrade to Member Database Requires Password Reset



It launched last month: Have you had a chance to check out the newly redesigned asabe.org?

If not, we cordially invite to you to explore the site. And while you're there, take a few moments to reset your password, a requirement necessitated by a database upgrade that accompanied the site redesign.

The retooled site offers a cleaner, mobile-friendly design that will enable smoother digital engagement with your Society. Over the past three years, ASABE Board members, Board-appointed task groups, and other volunteers, as well as staff, put in countless hours to understand the needs and pathways of site visitors. A site-

usability study was followed by user research that included dozens of interviews, both face-to-face and telephone, supplemented by online user surveys. The result is a site that more closely aligns with the user experience asabe.org visitors expect.

We've put together a little video that provides a Cook's tour of the project and highlights of the new site. Watch it straight from the new [homepage](#).

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The Best in New Product Innovations: AE50 Nominations Now Open

Do you have innovative products made available for purchase or ordering during the 2018 calendar year?

Today's AE50 winners typically include machines, systems, components, software, and services ranked highest in innovation, significant engineering advancement, and impact for the markets they serve. Awards are presented at ASABE's annual Agricultural Equipment Technology Conference (AETC). The award-winning products are also highlighted in a special issue of ASABE's *Resource* magazine. AEM is once again teaming up with ASABE to present the prestigious Davidson Prize, an elite award presented to the best of the best within the AE50 winners. The top 10 placing AE50 products will be judged by a second panel to determine the winners of the 2019 Davidson Prize.

Entry deadline is September 5, 2018. For more details, see the guidelines and entry form online at www.asabe.org/AE50. If you have questions about the AE50 Awards program or the Davidson Prize, please contact [Sandy Rutter](#), 269-932-7004.

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All Welcome at Student Awards Breakfast

Please join us to honor our student competitors at the annual AEM/ASABE Student Awards Breakfast on August 1, 2018, at Cobo Center in Detroit, during the ASABE Annual International Meeting

This event begins at 7:30 am and includes a hot breakfast buffet. Tickets are available at the registration desk during the Annual International Meeting; \$5 for students and \$20 for all others.

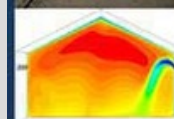
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Coming to AIM? Don't Miss the Foundation Silent Auction!

Beginning with the Welcome Reception, stop in the atrium to bid on several great prizes. Premier offerings include a weekend cabin getaway for two at Torch Lake, a beautiful glacier-carved gem located in lush northwest lower Michigan. The getaway includes several extras. Capture the action with a GoPro HERO Session. This convenient, grab-and-go everyday camera is great for the first time GoPro user, or as a second camera. Many accessories included.

The auction will also include unique, specialty items that AIM attendees have come

10th International
**Livestock
Environment
Symposium**
(ILES X)
and
1st US
**Precision
Livestock
Farming
Conference**



**September
25-27**

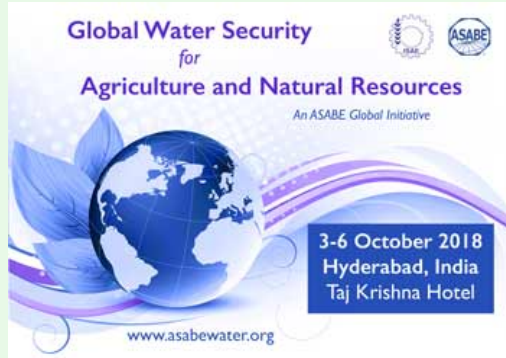
**Omaha,
Nebraska**

*Registration
Open*

to expect from the Silent Auction. Proceeds benefit the KEYS Fund. Find a gift for someone back home or a special item for yourself while supporting the Foundation.

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Global Water Security Conference: Registration, Abstract Deadline, and a Special Offer for Students



This elite conference includes several globally recognized leaders in water conservation and management, a topic that concerns us all. Be a part of this Global Initiative conference and register to secure your spot today. There is limited capacity for attendance; don't let it fill up without you! Registration is available online only until August

31. Don't wait, register today!

This is the second installment in the ASABE Global Initiative conference series and is jointly organized by ASABE and the Indian Society of Agricultural Engineers. Visit www.asabewater.org for information on registration, accommodations, and program content.

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Editors, Reviewers Recognized for Outstanding Contributions

The high quality of ASABE'S peer-reviewed journals could not be maintained without reviewers willing to spend hours evaluating author manuscripts and making suggestions for improvements.

The reviewer recognition program developed by the refereed publications committee honors 10 to 11 outstanding reviewers each year. For the 2017 publication year, more than 900 reviewers participated in the review process. During the year, associate editors ranked reviewer timeliness and review quality. Each technical community then selects an allotted number of reviewers based on the number of manuscripts reviewed.

Outstanding Reviewers for 2018

Kingsly Ambrose
David Fleisher
Dan Jaynes
Han Li
Kamalakanta Sahoo
John Smith
Gary Marek
Md. Abdul Matin
Kelly Nelson
Jie Zhou

Outstanding Associate Editors

The high quality of ASABE peer-reviewed journal publications could not be maintained without the dedicated service of associate editors, who spend hours working closely with reviewers, authors and editors during the peer review process for each manuscript.

The Associate Editor Recognition program developed by the Refereed Publications Committee honors up to six outstanding associate editors each year. Editors of individual technical communities first submitted an allotted number of nominees to the P-511 Selection Committee, based on workload, timeliness and review quality over the previous three years, from more than 140 associate editors. The P-511 Selection Committee then applied the same criteria plus the editor's justifications for each nominee to make the final selection of the award recipients.

Michael D. Dukes
Robert S. Freeland
Daren Harmel
Freddie R. Lamm
Tamie L. Veith
Jun Zhu

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ASABE Journals Name Superior Award Winners

The articles published by ASABE in its peer-reviewed journals during 2017 are eligible for 2018 superior paper awards. Each technical community selects up to 5% of the papers published by their community for paper awards based on the articles timeliness, fundamental value, originality, and benefits to society, as well as for the quality of writing. Winning paper award authors are presented with a certificate at the Annual International Meeting.

Energy Systems

H. Nam, A. L. Maglinao, S. C. Capareda, Effective Use of Dairy Manure Mixed with Sand Bedding for Gasification; *Transactions of the ASABE* 60(1): 5-16

Ergonomics, Safety, & Health

J. M. Beswick-Honn, T. M. Peters, T. R. Anthony, Evaluation of Low-Cost Hydrogen Sulfide Monitors for Use in Livestock Production; *Journal of Agricultural Safety and Health* 23(4): 265-279

Information Technology, Sensors, & Control Systems

S. Sunoj, S. Sivarajan, M. Maharlooei, S. G. Bajwa, J. P. Harmon, J. Nowatzki, C. Igathinathane, Identification and Counting of Soybean Aphids from Digital Images Using Shape Classification; *Transactions of the ASABE* 60(5): 1467-1477

M. Zhang, C. Li, F. Takeda, F. Yang, Detection of Internally Bruised Blueberries Using Hyperspectral Transmittance Imaging; *Transactions of the ASABE* 60(5): 1489-1502

Machinery Systems

Y. Cho, K. A. Sudduth, S. T. Drummond, Profile Soil Property Estimation Using a VIS-NIR-EC-Force Probe; *Transactions of the ASABE* 60(3): 683-692

A. R. Womac, G. Melnichenko, L. Steckel, G. Montgomery, J. Reeves, R. M. Hayes, Spray Tip Configurations with Pulse-Width Modulation for Glufosinate-Ammonium Deposits in Palmer Amaranth (*Amaranthus palmeri*); *Transactions of the ASABE* 60(4): 1123-1136

B. Richardson, T. Strand, H. W. Thistle, A. Hiscox, M. O. Kimberley, W. C. Schou, Influence of a Young *Pinus radiata* Canopy on Aerial Spray Drift; *Transactions of the ASABE* 60(6): 1851-1861

Natural Resources & Environmental Systems

L. Rasche, R. A. J. Taylor, A Generic Pest Submodel for Use in Integrated Assessment Models; *Transactions of the ASABE* 60(1): 147-158

K. R. Thorp, D. J. Hunsaker, K. F. Bronson, P. Andrade-Sanchez, E. M. Barnes, Cotton Irrigation Scheduling Using a Crop Growth Model and FAO-56 Methods: Field and Simulation Studies; *Transactions of the ASABE* 60(6): 2023-2039

R. L. McDaniel, C. Munster, J. T. Cothren, Crop and Location Specific Agricultural Drought Quantification: Part I. Method Development; *Transactions of the ASABE* 60(3): 721-728

D.L. Pratt, T.A. Fonstad, Geochemical Evolution and Leachate Transport Beneath Two Carcass Burial Sites: A Field Investigation; *Transactions of the ASABE* 60(6): 1895-1911

R. Wayne Skaggs, Coefficients for Quantifying Subsurface Drainage Rates; *Applied Engineering in Agriculture* 33(6): 793-799

Plant, Animal, and Facility Systems

J. D. Harmon, S.J. Hoff, T. J. Baas, Y. Zhao, H. Xin, L. R. Follett, Evaluation of Conditions during Weaned Pig Transport; *Applied Engineering in Agriculture* 33(6): 901-912

L. Li, Y. Zhao, J. Oliveira, W. Verhoijisen, K. Liu, H. Xin, A UHF RFID System for Studying Individual Feeding and Nesting Behaviors of Group-Housed Laying Hens; *Transactions of the ASABE* 60(4): 1337-1347

Processing Systems

H. Shi, R. L. Stroschine, K. Ileleji, Differences in Kernel Shape, Size, and Density between Healthy Kernels and Mold Discolored Kernels and their Relationship to Reduction in Aflatoxin Levels in a Sample of Shelled Corn; *Applied Engineering in Agriculture* 33(3): 421-431

Y. Lu, R. Lu, Development of a Multispectral Structured Illumination Reflectance Imaging (SIRI) System and Its Application to Bruise Detection of Apples; *Transactions of the ASABE* 60(4): 1379-1389

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Conference Recognitions

ASABE annually recognizes leadership during specialty conferences. This year, the Society honored Andy Theisen for his service coordinating the 2018 Agricultural Equipment Technology Conference (AETC), held in February, in Louisville.

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2018 Standards Development Awards Presented

The following standards projects will be recognized at the 2018 Annual International Meeting for major contributions in ASABE standards development.

Revision ANSI/SAE S318.18 JUN2017, Safety of Agricultural Field Equipment

ESH-03/2, Internal Standard Development

Generally accepted as the North American overall product safety standard intended primarily for use by design engineers and product safety validation work and originally published in 1964, the standard was revised based on the evolution of technology for design and use of agricultural equipment. The driving force and inspiration for upgrading content has some reflection of the structure of the EU Machinery Directive - not as a statutory document, but as a discipline to an overall approach to integrating product safety measures into agricultural machinery design. The standard is a result of a collaborative effort by colleagues, normally considered competitors, in the agricultural machinery industry led by Karl Klotzbach as project lead with Chris Bursiek, Mike DeSpain, Howard Douglas, Todd Howatt, Dan Moss, Randy Renze, Eric Smith, and Mike Weber.

New standard ANSI/ASABE S613-4 AUG2017, Tractors and self-propelled machinery for agriculture—Air quality systems for cabs—Part 4: Performance test of a cab

MS-23/2/1, Environment Within Ag Vehicle Enclosures

S613-4 is the final part of the series, but it is also the final result of work that began in the mid-1990's. The original standard on this topic, ANSI/SAE S525, was withdrawn, and beginning in 2007, a management system approach was pursued in S613. This standard provides a means to ensure protection of the operator working in contaminated environments associated with agricultural crop production. It supports development of a cab that is capable of meeting the operator protection needs in an application, as well as other factors to be considered in successful use and maintenance of the system. It is applicable in protection against both particulate and vapor contaminants. Major contributors were Richard Job who was the project lead, also Eugene Arenholz, Jason Dohrman, Al Leupold, Jeff Moredock, John Organiscak, Melinda Pell, Michael Schmitz, and Eric Smith.

New standard ASABE EP621 JUN2017, Guidelines for Calibrating, Validating, and Evaluating Hydrologic and Water Quality Models

X621, Standard Development Committee and NRES-21, Hydrology Group

Although information to support application of Hydrologic and Water Quality models abounds, model practitioners commonly use inconsistent methods to conduct, document, and report model calibration, validation, and evaluation. When applied, this engineering practice should facilitate sound model development and meaningful results. During the development of the content, the committee collaborated with industry leaders within and outside of ASABE. Industry leaders contributed to the draft by providing early feedback about the scope and format that would be most useful to the industry, as authors of two related special issue papers, and by serving on the advisory committee to review, comment on, and approve the final draft. This development effort was led by Claire Baffaut and Daren Harmel with the support of many experts from industry academia and research organizations.

New standard ANSI/ASABE S640 JUL2017, Quantities and Units of Electromagnetic Radiation for Plants (Photosynthetic Organisms)

ES-311, Electromagnetic Radiation Application for Plants

Prior to the development of this standard, the industry did not have consistent and clear definitions for metrics used in horticultural lighting. In July 2014 industry and academia began Round Table discussions to develop a strong standardized consensus for metrics, testing and performance. This standard is the result and provides consistent and clear definitions that will guide the wide-range of practice for producers, users, regulators, and those interested in horticultural lighting. The project leader, Jianzhong Jiao, had broad support from participation of industry and academia with representatives of IES Testing Procedures Committee, Design Light Consortium, and CIE (International Commission on Illumination).

Revision ANSI/ASABE AD6489-3:2004 JUL2017, Agricultural vehicles—Mechanical connections between towed and towing vehicles—Part 3: Tractor drawbar.

MS-23/4/5, Tractor/Implement Interface and MS-23/4, Tractors

Tractor drawbars are commonly used in North America. The dimensions in this standard must relate with PTO drive shafts, drawbar pins and implement hitch rings. ISO 6489-3 was originally based on SAE S482, a historic standard. This project focused on permanently capturing important North American design details. These include adding pictorials to further clarify the drawbar clearance for tracked tractors and addressing uploading on hitches. Nolan House was instrumental in developing the highly debated draft language and creating the tracks pictorial. Ed Kreis and Tom Tuttle assisted with additional draft input.

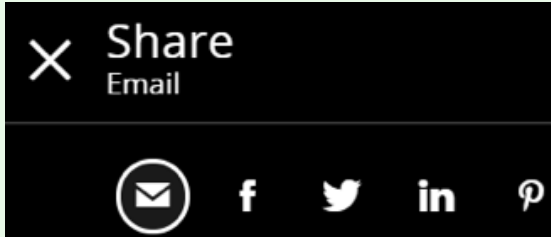
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Then select the channel you wish to use--email, Facebook, Twitter, LinkedIn, or Pinterest:



Try it on the [recent issue](#).

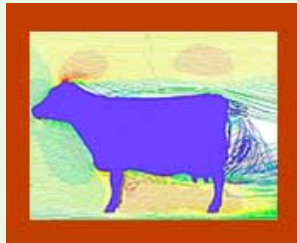
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Convert Your AIM Paper to a Peer-Reviewed Journal Article

Get published in one of ASABE's 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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ILES X, Precision Livestock Farming Symposium - Registration Open!



10th International Livestock Symposium (ILES X)
with 1st US Precision Livestock Farming Symposium
DoubleTree by Hilton, Omaha, Nebraska
September 25-27, 2018

The 2018 ILES X is the event to attend for those in livestock and related fields. Invited speakers will present on their expertise throughout the symposium while the technical sessions are filled with quality presentations

from authors in the US and from more than 15 different countries.

Online registration is open until September 3 with Early Bird discounts until August 6. For program information, please visit www.asabe.org/ilesx2018. Registration includes a networking reception, a keynote luncheon and a technical tour. Among the list of stops in this tour are the Lincoln Premium Poultry Chicken Farm, J&S Feedlot Beef Cattle Feedlot, and Larson Farms Robotic Dairy. The full agenda for the tour and the symposium program will be posted to the website once finalized.

Authors Register by August 6

All authors that are scheduled to present at ILES X are required to register. The registration deadline for authors is August 6. Those that are not registered by the deadline will have their presentation removed from the schedule.

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Georgia Section Hosts Annual Meeting



The Georgia section of ASABE met in Savannah, Ga., on May 31 and June

1. The meeting was vibrant, with five excellent presentations during in the technical session of the program. As dinner speaker, ASABE President-Elect Maury Salz talked about the scope, goals, and opportunities within ASABE and future initiatives. There was excellent networking among the 30 people who participated (see accompanying photo). The business meeting produced a slate of officers for 2018-2019 and a list of possible future events of interest to the section. On June 1, attendees toured Lummus Corporation's state-of-the-art production facility.

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ASABE Member Roster Advertising - Deadline October 1, 2018

Advertise your business in the *ASABE Member Roster* for only \$140.

You can also advertise in *Resource* magazine, *Inside ASABE* monthly e-newsletter, and the *Guide to Consultants*.

Advertise your agricultural or biological engineering expertise. Published annually in the fall, the print-only 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 a complete listing of committees, including description and appointments, and organizational and historical details of the Society, like the Constitution and Bylaws, section officers, directories of past presidents and Fellows, and a staff directory. For more information www.asabe.org/Advertise.

Need to order your 2018-2019 roster? Call 1-800-371-2723 or www.asabe.org/OrderPubs to reserve a copy. \$38 US; outside the US \$45.

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Jayas Named New VP of NSERC Council



Digvir S. Jayas has been named council vice president of the Natural Sciences and Engineering Research Council of Canada (NSERC). As vice president of the council, Jayas primarily will be responsible for leading and managing the council, working in close collaboration with NSERC's president and corporate secretary. In his three-year term, he will assist in planning the work of the council; leading council meetings; working and liaising with the president of NSERC; managing the performance of the council, its committees, and members;

and representing the council to outside parties.

The council works to advance Canada's research and development agenda. Its primary responsibilities are to set the strategy and high-level policies for NSERC, and to review and evaluate performance. The council approves funding to broad program areas for scholarships, grants, and fellowships.

Jayas is a Fellow of both CSBE-SCGAB and ASABE, and a 35-year member.

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New iAABE Fellows Inducted; Zazueta Elected President

ASABE member Fedro Zazueta was recently installed as president of the International Academy of Agricultural and Biosystems Engineering (iAABE).

The Academy recognizes individuals distinguished by their scientific and professional contributions to agricultural and biosystems engineering. iAABE comprises elected Fellows from all parts of the world. Fellows are agricultural and biosystems engineers, who have made exceptional contributions in research, education and industry for advancing agricultural and biosystems engineering.

Two ASABE members were recently inducted into the academy: John K. Schueller, professor, mechanical and aerospace engineering, University of Florida, for his contributions including the early research in yield mapping and agricultural robotics; and Lalit Verma, professor and head, University of Arkansas, for his contributions including leadership of the Global Initiative, past president of ASABE, and research in rice and forage post-harvest engineering.

iAABE's main purpose is to identify and recognize individuals distinguished by their scientific and professional contributions to agricultural and biosystems engineering. They also foster international cooperation and exchange of information; promote agricultural and biosystems engineering and other sciences and technology for importance in this area; and stimulate international education and training in agricultural and biosystems engineering.

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In Memoriam - Blaine F. Parker, Sr



ASABE Fellow Blaine Frank Parker, Sr, died peacefully at home on June 17, 2018 at 94. He was born in rural North Carolina, on June 12, 1924, the sixth of ten children. He was president of his high school class and attended Berea College briefly before enlisting in the Army Air Corps, where he taught aerial gunnery during World War II. After the war, Parker earned his BS and MS degrees in agricultural engineering at Virginia Polytechnic Institute (1950, 1952) and his PhD at Michigan State University (1954). Blaine was an assistant professor at North Carolina State University until 1957, when he was invited to head UK's fledgling agricultural engineering department. He presided over a period of growth and excellence and retired from the department in 1992. He was a former chairman of the Southeast section of the American Society of Agricultural Engineers (ASAE). He was listed in Who's Who in America in 1962. He published more than 60 technical papers and was invited to consult internationally in his specialty, solar energy. He holds two patents for solar collectors.

Blaine was a longtime active member of Centenary United Methodist Church, where he had served as chair of the board of trustees. He was also an active member of the local Rotary Club and a Paul Harris fellow of that organization. In addition, he belonged to the Squire's Roundtable, an informal history group that included Kentucky Historian Laureate Tom Clark.

Parker took pride in healthy living, bicycling to work long before it was fashionable. Into his 90s he frequently exercised at the YMCA and mowed his own lawn. His grandchildren fondly remember his "orange parties" where he peeled oranges and handed out sections to each. They also remember picking raspberries and blackberries with Papaw and swimming in his indoor solar-heated pool.

Parker was preceded in death by his wife of 57 years, Mary Margaret (Peggy) Isenberg Parker, who passed in 2010. He was also preceded in death by his second wife of six years, Harriett Jenkins Parker, who passed June 7, 2018. He is survived by his son, Blaine Frank Parker, Jr. (Amy) and his daughters, Penny Parker Landen (Jeff) and Kathryn Parker Broadbent (John). He is also survived by seven grandchildren: Blaine Hobson Parker; Daniel Frank Parker; Mary Beth Broadbent (Ted Pudlik); John Edward Broadbent; William Parker Broadbent; Allyson Parker Landen; and Kate Landen Anderson (Austin). He is also survived by four of his nine brothers and sisters: Evelyn Leatherman (John), Edna Brendle (John), Stowe Parker (Patricia), and Ray Parker (Anna).

Memorial donations may be made to [The Nathaniel Mission](#), 1109 Versailles Road, Suite 400, Lexington, KY 40508.

Parker was a 68-year member.

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Recent Standards Activities

Proposed Projects

- X583.2, Safety for Agricultural Front End Loaders
- X619.1, Safety for Tractor-Mounted, Boom-Type Post Hole Diggers
- X620.1, Safety for Anhydrous Ammonia Application Equipment

New Standards

- ANSI/ASABE S632-1 JUN2018, Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects
- ANSI/ASABE S632-3 JUN2018, Precision Agriculture Irrigation Language: Precision Agriculture Irrigation Language: Irrigation System Operations

New Revisions

- ASAE EP415.3 JUN2018, Safety Color Code for Educational and Training Laboratories

Press Releases

- July 2, 2018, ASABE to Revise Ag Scraper Tractor Safety Standard
- July 9, 2018, Continued Development of International Standards to Support Solid Biofuels Industry
- July 13, 2018, ASABE Announces New Standard for Droplet Size in Aerial Application Nozzles
- July 16, 2018, ASABE Announces a New Project to Update Engineering Standard for Mechanically Laminated Wood Assemblies
- July 16, 2018, ASABE Announces Revision of Standard for Broadcast Spreaders

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