American Society of Agricultural and Biological Engineers



News for and about ASABE members

August 29, 2019

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From the Executive Director

If you or your employer introduced a new product or advanced technology in 2019, consider nominating it for <u>an AE50 award</u>. There's still time, but with the September 1 deadline looming, you need to act fast. Fortunately, entering the AE50 program is easier than ever thanks to a new <u>online submission process</u>. From start to finish, it's possible to complete the submission process in just a few minutes.

AE50 winners include machines, systems, components, software, and services that are ranked highest in innovation, significant engineering advancement, and market impact. The next AE50 awards will be presented in February at the annual <u>Agricultural Equipment Technology Conference</u>, in Louisville. In addition to bragging rights, the AE50 winners will be highlighted in a special issue of ASABE's *Resource* magazine.

Join us in welcoming our most recent NEW MEMBERS

July 2019

ASABE will once again team up with the Association of Equipment Manufacturers to present the <u>Davidson Prize</u>, which is an elite award presented to the best of the best among the AE50 winners. The top ten AE50 winners will be judged by a second panel to determine the Davidson Prize winners, and those ten winners will be announced at the <u>Commodity Classic show</u> in 2020.

Darrin J. Drollinger Executive Director

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ASABE Committees: Now Begins the Work

The annual meeting and associated committee meetings are in the books, and your Society sincerely thanks you for your participation. Now begins the work of digging in to the follow-up tasks. Are those minutes drafted? Have the updated rosters been sent to headquarters? Are you making headway on those tasks for which you volunteered? ASABE staff is ready to help when questions or a need for resources arises. Don't hesitate to reach out.



Did you volunteer to be a committee officer? In general, committee bylaws describe officer responsibilities, but in the absence of bylaws, <u>this description</u> of typical duties can be helpful.

If you're new to ASABE committee work, or if you're interested in joining a committee, the <u>ASABE website</u> is the best place to find information about technical and non-technical committees. Be sure to log in to enjoy unrestricted access to members-only resources.

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2020 Agricultural Equipment Technology Conference



ASABE's Agricultural Equipment Technology Conference is quickly approaching its 24th year. We're heading to the Hyatt Regency in downtown Louisville this coming February.

Watch for registration, program information, and sponsorship opportunities <u>here</u>.

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"Related Articles": New Tech Library Widget to Boost Pageviews, Citations

In the Technical Library on the abstract web page, you will now see a list of related articles. Some will be from ASABE journals and some from other journals. Follow



this link for an example: https://doi.org/10.13031/jash.12453

In turn, other participating journal websites will display our related content. This feature will help authors more quickly find what they need. The TrendMD widget is expected to increase total pageviews, resulting in articles being more likely to be cited.

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2019 Presidential Citations Awarded

Progress made by the Society is a direct result of individual and team efforts, and presidential citations recognize those members whose extraordinary service contribute toward those efforts.

The following individuals were presented presidential citations at the 2019 Annual International Meeting.

Indrajeet Chaubey and Indra Mani

For their tremendous work planning and co-chairing the Global Water Security Conference for Agriculture and Natural Resources, in Hyderabad, India, on October 3-6, 2018—ASABE's second major Global Initiative conference held outside the United States.

Morgan Hayes

In recognition of her excellent leadership chairing the 10th International Livestock Environment Symposium (ILES X) along with the 1st US Precision Livestock Farming Symposium held in Omaha, Nebraska, September 25-27, 2018.

Ann Kenimer, Michael Hirschi, and Donald Slack

For their exceptional service representing ASABE within ABET on the Engineering Accreditation Commission for a number of years and with high distinction.

R. Andres Ferreyra

In recognition of his outstanding leadership to expand ASABE's role in precision irrigation standardization and for fostering cooperation between ASABE and other groups regarding digital agriculture.

Carol Jones and Daniel Wambeke

For their leadership in the development of the standard ANSI/ASABE S624 AUG2018, Grain Bin Access Design Safety. The need for enhanced safety for grain bin entry had been discussed among ASABE members, and the overall agricultural safety community, for over three decades. The creation of a relevant consensus standard required years of determined persistence and leadership.

Kati Migliaccio

For leading the work resulting in the Editor in Chief position description and associated oversight structure, and in appreciation for serving as guest editor resulting in the special Women of ASABE edition of *Resource* magazine.

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Have You Snapped a Great Photo This Year? Submit It to VisualChallenge9



If you've been traveling or doing field work this summer, perhaps you've snapped some great images that illustrate the world of agricultural and biological engineering. We'd love for you to enter them in VisualChallenge 9. The best images will be selected by ASABE staff and published in the January/February 2020 issue of *Resource* magazine.

Here is your chance to convey and celebrate the beauty of your work, your research, or your technical community. It's up to you and your camera, so be creative! Submit as many entries as you want. All entries should be original work, and the image resolution must be 300 dpi or greater.

E-mail your entries, as attachments to <u>Melissa Miller</u>. Write *VisualChallenge9* in the subject line, and include a title and brief description for each image. If necessary, include a name for crediting the image and written assurance that permission has been granted to submit and publish the image.

Submit your images by October 4, 2019. To see the winning entries from previous Visual Challenges, visit www.asabe.org/VisualChallenge.

Previous VisualChallenge entry (above) courtesy of ASABE member John Lumkes.

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Preprofessionals Earn Awards, Scholarships

Congratulations to these teams and individuals for outstanding achievements in ASABE Preprofessional competitions.

Boyd-Scott Graduate Research Award

MS Category

First Place: Baljeet Kaur, University of Guelph Second Place: Laljeet Sangha, Auburn University Third Place: Dideolu Daniel, Louisiana State University

PhD Category

First Place: Isaac Rukundo, University of Nebraska-Lincoln Second Place: Femeena Pandara Valappil, Purdue University Third Place: Aishwarya Mahadevan, Texas A&M University

K. K. Barnes Student Paper Award Winners

First Place: Carrie Sanford, North Carolina State University

Second Place: Breuklyn Opp, Iowa State University Third Place: Adam Hemmelgarn, Purdue University

AGCO National Student Design Competition Winners

First Place: Texas A&M University, Lucas Mitchell, Hannah Monroe, Carrie Sanford Second Place: North Carolina State University, Sam Beavans, Ryan Jackson, Ryan Phillips

Third Place: North Carolina State University, Haley Forbes, Kendra Bailey, Martin

Jeffers

Robotics Student Design Competition

Beginner division

First Place: Henan Agricultural University, Team 2 Second Place: University of California-Davis, AgBotics

Third Place: Zhejiang University, Accelerator

Advanced division

First Place: China Agricultural University, Future Gardeners

Second Place: Henan Agricultural University, Team 1

Third Place: Knights of the Round Table, Zhejiang University

G. B. Gunlogson Environmental Student Design Competition

Fountain Wars

First Place: Kansas State University
Second Place: Iowa State University
Third Place: Oklahoma State University

Open Competition

First Place: University of Tennessee, Knoxville

Second Place: University of Arkansas Third Place: Oklahoma State University

International 1/4-Scale Tractor Student Design Competition

First Place: University of Nebraska

Second Place: South Dakota State University

Third Place: University of Missouri

Ag & Bio Ethics Essay Competition

First Place: Hannah Thomascall, Auburn University

Second Place: Megan Boland, North Carolina State University

Third Place: Margaret Anderson, Auburn University

ASABE Ethics Video Challenge

First Place: Lise Montefiore and Mahmoud Shehat, North Carolina State

University, "Research Ethics: Episode 1"

ASABE Scholarship

William J. Adams, Jr., and Marijane E. Adams Scholarship Courtney Travis, University of Kentucky

ASABE Foundation Engineering Scholarship Sara Weyer, Iowa State University

Student Honors Award Winners

Engineering Branches: Olivia Bures, University of Nebraska-Lincoln; Sara Weyer, Iowa State University

Technology Branches: No Recipients

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ORCID for Authors

We encourage journal authors to obtain a unique <u>digital identifier</u> from ORCID. This ID can be entered into ScholarOne when you submit your manuscript to a journal. It will uniquely identify you and provide a better means of linking you to your work. This ID can also be used to login to ScholarOne.

See the ScholarOne guide for details.

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Call for Abstracts: Irrigation and Soil Erosion Symposia, AIM2020

Did you know, there are currently two upcoming conferences with open calls for abstracts? The 6th Decennial National Irrigation Symposium and the 2021 Soil Erosion Research Symposium are both seeking quality abstracts for presentations.

• October 18, 2019, is the deadline for the <u>6th Decennial National Irrigation Symposium</u>. This event will be held in San Antonio, Texas, November 30–December 4, 2020, during the 2020 Irrigation Show.

• The 2021 <u>Soil Erosion Research Symposium</u> will be held in Puerto Rico January 10-15, 2021. February 15, 2020, will be the last day to submit your 400- to 600-word abstract.

The 2020 Annual International Meeting's call for abstracts will be opening soon as well. Don't wait until the last minute to submit your abstract for this meeting! The deadline for abstract submission will be January 5, 2020. Please watch www.asabemeetings.org or your email for notification on when the submission portal will open.

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ASABE Major Awards: Deadline October 31



Planning to submit a nomination for an ASABE major award? Mark your calendar for the deadline, October 31.

Find more details and a complete list of ASABE major awards here.

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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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In Memoriam - Bobby L. Clary



Bobby Leland Clary, 81, passed away on Wednesday, August 21, 2019, at his home in Stillwater, Oklahoma. A funeral service was held on Saturday, August 24.

Clary was born on August 14, 1938, in Jesup, Ga., where was raised and attended school. In 1960 he graduated from the University of Georgia with a bachelor of science degree in agricultural engineering and then took a position as an assistant professor of agricultural engineering at the State University of New York, Agricultural and Technical Institute, in Alfred, N.Y. In 1969 he was awarded a PhD in agricultural engineering from Oklahoma State University, where he spent the remainder of his

professional career. He was named professor emeritus in 1993. He was the president of Wayne Engineering from 1980 to 2009.

In addition to earning numerous national and regional awards for his accomplishments as an educator, researcher, and engineer, Clary also served for one year as the chief of the agricultural and food industries branch of the Energy Research and Development Administration in Washington DC, during which time he also was a NATO representative in Brussels.

Clary is survived by his wife, Irene, three children, four siblings, six grandchildren, and seven great-grandchildren. Memorial donations can be made in his name to the Parkinson Foundation, c/o Dighton Marler Funeral Home, 5106 N. Washington St., Stillwater, OK 74075. A complete obituary can be found online. Clary had been a 46-year member of ASABE.

In Memoriam - Bernard R. Tennes

Longtime former ASABE member Bernard Robert Tennes, 81, of Charlotte, Mich., died Sunday, August 25, 2019. A funeral mass was celebrated on Thursday, August 29, at St. Mary Catholic Church, in Charlotte.

Tennes was born November 15, 1937, in Mt. Carmel, III., where he was raised on the family farm. After service in the US Army, he earned his bachelor's degree at the University of Illinois. He then went to work for the USDA and eventually earned his master's and doctorate degrees in agricultural engineering from Michigan State University. Tennes created several patented agricultural inventions involving mechanization and robotics that are still used to this day. He remained passionate about engineering throughout life. In lieu of flowers, the family requests memorial contributions to St. Mary Catholic School Robotics Club.

A full obituary can be found online.

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Recent Standards Activities

Proposed Projects

 X542.1, Procedures for Using and Reporting Data Obtained with the Soil Cone Penetrometer

New Standards

- ANSI/ASABE AD8759-3:2018 AUG2019, Agricultural tractors Frontmounted equipment - Part 3: Power take-off: General specifications and location
- ANSI/ASABE AD8759-4:2018 AUG2019, Agricultural tractors Front-mounted equipment Part 4: Three-point linkage

New Revisions

 ANSI/ASABE AD8759-1:2018 JUL2019, Agricultural tractors - Frontmounted equipment - Part 1: Power take-off: Safety requirements and clearance zone around PTO

Press Releases

 August 16, 2019, ASABE Adopts Three ISO Standards for Front-Mounted Agricultural Equipment

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