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November 2020

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From the Executive Director



Our hearts go out to our Nigerian colleagues dealing with the senseless killing of agricultural workers this past weekend.

Americans are returning to work after enjoying a long Thanksgiving weekend. Thanksgiving for a lot of us in the U.S. involves family, turkey and watching some football. It also, and most importantly, is a time where we give thanks for all the blessings we have in our lives. This year has been challenging and COVID did not take a break for Thanksgiving. It's a tradition to gather with extended families and enjoy a boisterous feast. Most people I know, however, elected not to gather in large groups in an effort to slow the spread of the disease and connected virtually. This has led some to refer to the 2020 holiday as "Zoomsgiving."

It's clear that virtual meetings will remain with us well into the New Year. While we are eager to meet in-person again, it's exciting that ASABE groups are working to find new and creative ways to network virtually. The Young Professionals Community (YPC) and International Student Branch (ISB) are both planning fun events. This Wednesday, December 2, the YPC graduate student group will be holding a virtual trivia night. If you are interested in participating [sign up here](#). On January 7, YPC and ISB are partnering to hold a mock interview gathering. The event is targeted for students and young professionals who are looking to hone their interview skills. Both interviewers and interviewees are needed and encouraged to [sign up here](#).

Our first virtual conference for 2021 will be the Agricultural Equipment Technology Conference (AETC) on February 8-10. A special celebration is in store, since this year marks the 25th time we have held AETC. Thanks to the [planning committee](#), busy developing sessions on: electro-hydraulics, supply chains, engineering economics, power transfer, software development, the product development process, and a spraying logistics panel. For all the latest on the program planning visit [the AETC event page](#). Be sure to read the great *Resource* article Shane Williams wrote on the [history of AETC](#).

In closing, I'm thankful for your membership and ASABE engagement. We're sure to encounter new challenges and opportunities in 2021, and I'm optimistic we will grow from the experiences we had in 2020!

Darrin J. Drollinger
Executive Director

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AE50 Awards Announced



ASABE and *Resource* magazine are pleased to announce the 2021 AE50 winners.

AE50 awards highlight the year's most innovative designs in engineering products or systems for the food and agricultural industries. The products will be featured in the January/February 2021 special issue of *Resource*.

For a list of the winners, visit the [AE50 webpage](#).

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On Giving Tuesday, #ASABetheChange



December 1 is Giving Tuesday! Join millions worldwide who are participating in this global generosity movement. Donate to the [ASABE Foundation](#) and make a positive impact on the future of our profession.

This year, we're putting our own spin on the event with #ASABetheChange. Share #ASABetheChange on social media and through email outreach. Invite others to give, and watch how fast your impact grows when your colleagues join.

And there's even more reason to give in 2020: Every dollar you give during #ASABetheChange will be matched by a generous grant from the ASABE Foundation. Make any size donation on December 1, 2020, and it will be doubled until we reach \$10,000 in new contributions. Your gift will support [awards](#), [scholarships](#), and [ASABE programs](#), providing opportunities for ABEs at all levels of their careers as they work to create a world with abundant food, water, energy, and a healthy [environment](#).

For more information about how you can #ASABetheChange, watch for your special invitation to our Countdown to Giving Tuesday on the [ASABE website](#) or contact [Susan Lane](#).

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New Awards Policy Reflects Emphasis on Ethics

A new [policy on ethics in awards and recognition](#) was approved earlier this year by the Board of Trustees and will strengthen the integrity of ASABE's honors.

The policy was drafted by an ad hoc committee led by Kati Migliaccio. The policy was modeled after a draft policy created by the Societies Consortium on Harassment in STEM, of which ASABE is a member and represents general consensus of the consortium member organizations. The new policy describes a process for reporting and investigating honors and awards recipients who may have violated ethical conduct expectations. Unethical conduct includes, among other acts, sexual harassment and discrimination based on factors, such as race and ethnicity, that are unrelated to a person's ability and promise, whether alone or in connection with sexual harassment.

The policy also conveys the standards and expectations that we value in each other as individuals and collectively as a professional society.

We encourage you to [read the policy](#) to gain an appreciation of what we value, and of the qualities embodied by those who receive awards and recognition from ASABE.

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Giving Back Awards: Funding Applications Underway

ASABE members have servants' hearts and can often be found sharing their engineering expertise with vulnerable communities. If you are engaged in or considering a humanitarian engineering project that could benefit from financial support, the [Giving Back Fund](#) can help.

The Giving Back 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.

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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Join us from the comfort of your own living room February 8-10, 2021, as we gather, virtually, for the 25th Agricultural Equipment Technology Conference.

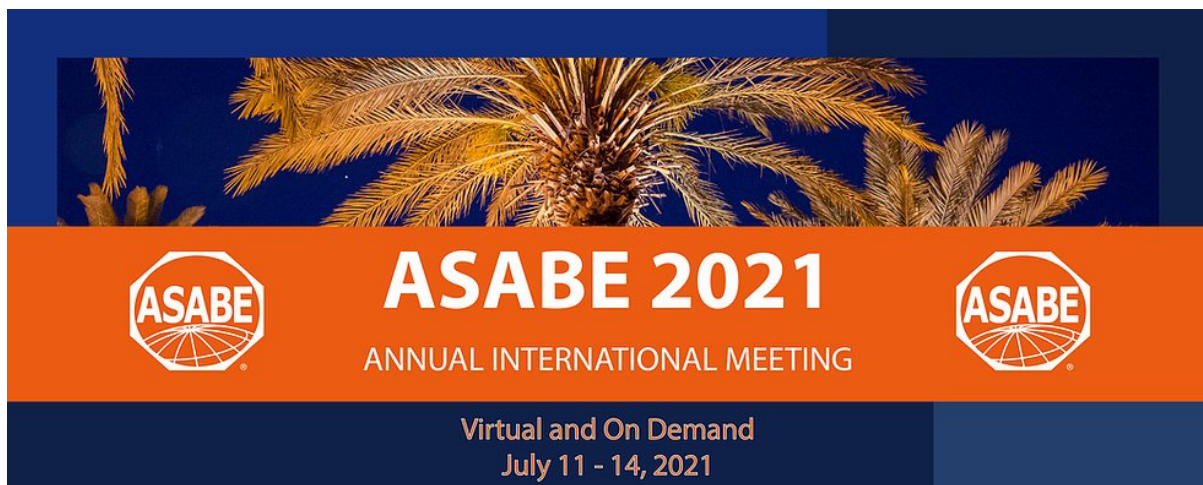
Registration will open soon, and we have a special gift for the first 100 registrants. Watch for details and program information at asabe.org/AETC2021.

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Google Scholar Links to Journal Articles

Institutions with site licenses will see direct links to the full PDF of our journal articles in search results. Google will be re-crawling our content in January, which should increase the number of links present and make it easier to view and cite articles.

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The Call for Abstracts is OPEN!

Submit your abstract now to the 2021 virtual AIM, July 11-14. A full directory of all sessions that are accepting abstracts is available [online](#), as is the link to the submission site with instructions and key deadlines for review. The submission site will only be available until January 11. Answer the Call today!

Suggest a CPD

Have an idea for a Continuing Professional Development course that you'd like to see take place during AIM? Let us know by submitting your topic [here](#). CPD submissions are due by February 1, 2021.

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New BIPOC in ASABE Group Invites Input



Black, Indigenous and People of Color (BIPOC) in ASABE is new group that is focused on providing networking, mentoring, and professional development opportunities for people with shared cultural experiences in agricultural and biological based engineering and technology fields.

The group is open to all who are interested, no matter your race or ethnicity. Please consider joining BIPOC by completing a short [survey](#).

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YPC Task Forces: Your Participated Invited!

The YPC Executive committee invites all young professionals--ASABE members age 35 and younger--to get involved with YPC. Our goal this year is to open up opportunities to our community members to get involved in advancing our mission of confronting issues facing young professionals and providing necessary training and discussion. This year we've established the following subcommittees, or task forces:

- Annual International Meeting YPC Event Planning
- Local Section Involvement
- International Collaboration and Outreach
- Young Professional Outreach
- Technical Committee Involvement
- Sustainable Footprint for Conferences

And if you see any additional areas of discussion that merit task force attention, we would love to hear it! On our [webpage](#) you'll find a committee listing as well as a way to propose a new committee.

Email ypc@asabe.org if you are interested in being on a committee.

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New ASABE Career Resources

Thanks to a new partnership with [Resume Target](#), a professional resume writing service, we are pleased to offer complimentary career-related resources to ASABE members seeking professional development and career tips. Features include a host of resume templates, networking tips, and job searching strategies.

We invite you to check out the [career platform and the free resources](#) available.

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Textbook survey

We need your input to identify a priority list of textbooks in need of revision or creation. Please provide feedback to us using this [Google forms survey](#).

Student Oral/Poster Competition Endowed

ASABE Foundation resources have been combined with a contribution from the KEYS fund to endow the ASABE Student Oral/Poster Presentation competition.

Launched in 2018 as a pilot project of the Society's Initiative Fund, the competition was an immediate success. Participation exceeded 700 in year two, sparking a desire among organizers to seek continuation after the initial funding ended.

Thanks to member donations to the Foundation, and a carefully established investment policy, students will be able to share their work and compete for recognition at annual meetings for many years to come.

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Working to Continue the International Food Engineering Award

ASABE's International Food Engineering award has been presented since 1972, but funding is set to expire after 2023. To ensure uninterrupted programming, the ASABE Foundation has dedicated a dollar-for-dollar match for new donations. Your support will help advance the work of food engineers the world over.

Learn how [you can contribute](#) to this important effort.

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Graduate Student Trivia Night - December 2!

Grad students, enjoy a virtual social event designed just for you. Join us December 2, at 8 pm (EST) for some trivia fun, plus time to network with graduate students across the country. All are welcome, and there's no registration fee. [Sign up now](#) to participate.

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Interview and Career Transition Webinar and Mock Interviews

The Young Professional Community (YPC) and the International Student Branch (ISB) are partnering to present a two-part series on career development focusing on interviewing skills. This event is for students and young professionals who are interested in honing their interview skills. Join us on December 16, 2020, at 1 pm (EST) for a presentation on *Interview Do's and Don'ts*. The webinar presentation will provide tips and tricks for making a good impression, methods to be engaging during interviews, and the new ASABE career transition tools. This presentation will be recorded and will be available for viewing after the webinar. [Registration](#) is required.

Then, on January 7, join us in an opportunity to put those newly acquired skills to use in mock interviews with professionals. You'll have a chance to answer questions and get feedback from the mock interviewer. [Sign up now](#) to be an interviewer or interviewee.

Questions? email [Rebecca Kallal](#).

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Confidently Renewing for the Value of ASABE Membership

As 2021 quickly approaches, remember to renew your dues by December 31 [online](#).

Your ASABE membership provides the opportunity to:

- [Learn and advance](#) your working knowledge of ag, bio, and food systems engineering
- [Find your fit](#) among more than 200 member-led committees
- [Meet and network](#) with more than 6500 industry professionals
- [And help promote](#) the ag and bio engineering profession

For questions related to membership contact [Jasper Cunningham](#).

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ASABE Foundation Boosts Cash Awards for Scholarships

The ASABE Foundation is pleased to announce that the Nye Graduate Fellowship, Adams Scholarship, and Foundation Engineering Scholarship amounts have been increased to \$2,000 annually. Entry deadline for all scholarships is March 15. Applicants must be ASABE student members.

For more details on eligibility, please visit the scholarship websites:

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

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Students! Note Competition Deadlines

Many of our student competition application deadlines have been updated to better align with common semester-based timelines. Students and advisors, please mark your calendars with the following dates:

March 15

Boyd-Scott Graduate Research Competition

April 15

Ethics Essay and Video Competitions
Fountain Wars

May 15

AGCO National Student Design Competition
KK Barnes Student Paper Competition
Gunlogson Design Open Competition

See the ASABE website for more details on [eligibility or competition guidelines](#)

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Benefits of Using the Journal Template

Authors! We encourage you to use a current Microsoft Word [template](#) file when submitting documents to us. These templates make peer review faster for reviewers, save you time, reduce staff processing time, improve indexing, and make papers look more uniform for a

professional appearance. And please be sure to use the [Guide for Authors](#) when preparing your manuscript.

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November/December e-Resource Magazine Now Online



The latest issue of *Resource* reflects the diversity of the ag and bio engineering profession, from the opening column by President Candi Engler to Charles Magee's "Last Word" column on how ASABE is becoming a more inclusive professional society. The feature articles also reflect diversity, covering the history of the upcoming AETC conference, the hazards of grain dust explosions, and the latest advances in biofuels, among other topics.

Read the latest *Resource* issue using a [PDF](#) or [E-reader online](#) or read [past issues](#).

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Das Presents to National Academies, USAID Audience



ASABE member KC Das is currently serving as a Jefferson Science Fellow at the National Academies of Science, Engineering, and Medicine (NASEM), through which he is a senior science advisor to the US Agency for International Development. Recently he was a featured speaker in NASEM's Distinguished Lecture series, with a presentation entitled "Opportunities in Transdisciplinary Integration: A Journey from Agricultural Engineering to Social Cohesion Theory." In it, he discussed frameworks and theories in positive youth development and related opportunities that could lead to economic development and greater well-

being. The presentation also included an overview of social cohesion theory, to provide a canvas for defining broader development goals, as well as opportunities for integrating food security programming with health, education, and other targeted programming.

Das's webinar has since been archived and made available for viewing on the [National Academies website](#).

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Standards Updates

Proposed Projects

- X4254-6:2020, Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors

Revisions

- ANSI/ASABE S604.3 OCT2020, Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment

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Inside **ASABE**

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