
[k12_div] ASEE PCEE Chair Updates - April 2022

1 message

Andrea Carneal Burrows <Andrea.Burrows@uwoyo.edu>

Mon, Apr 18, 2022 at 2:20 PM

To: "k12_div@asee.org" <k12_div@asee.org>

Hello PCEE members,

As always it is a pleasure and an honor to bring you the hard work of our division (see six opportunities below). As spring makes its way into each of our lives, feel free to reach out and grow with our amazing team!

Remember that you are always welcome to join in:

The next **PCEE Meeting** is Friday, May 13th - @ Noon PT/ 1 pm MT/ 2 pm CT/ 3 pm ET

Our meetings and meeting notes are open to our PCEE members.

Please fill out this google survey if you want access:

<https://forms.gle/VYJRVm6gEPitdF6s9>

...ASEE Conference June 26-29, 2022 -
Minneapolis, Minnesota

Thank you for all that you do for engineering education and especially pre-collegiate engineering education!

Take care,

Andrea

ASEE PCEE Division Chair

1. **PCEE Conference (Workshop)** - From Merredith Portsmore:

SAVE THE DATE - June 25, 2022, 9AM - 3PM CT - PCEE Conference (formerly the Workshop) in Minneapolis.

The event will be in-person in Minneapolis on **Saturday June 25, 2022, from 9-3 PM CT**. The location, Dunwoody Technical College, is a short walk or drive from the convention center area. We are very grateful to the Minneapolis State Engineering Center for Excellence and Dunwoody Technical College for partnering with us for this event.

**We are soliciting proposals from PCEE members for engineering workshops.*

Details on the location, timing and proposal submission materials are all available via the workshop **submission link** <https://forms.gle/HP9odhbLLM5fBBLp8>

Please submit your workshop proposal by APRIL 25th.

2. **PCEE Papers update** - From Manuel Figueroa:

Authors

The conference is "publish to present."

At least one author must register and present at the conference.

The deadline for author registration is Monday, May 2nd, 2022.

6. The final paper is due Monday, May 16th, 2022.

THIS IS A HARD DEADLINE!

Everyone

1. Please remember that SLAYTE runs on Eastern Standard Time.

2. Please update your bio as this did not automatically transfer from the old system

3. From the conference website, early conference registration runs from April 4th - May 17th, and the conference is still in person! Hotel reservations are now open.

<https://www.asee.org/events/Conferences-and-Meetings/2022-Annual-Conference>

If you have any questions, please feel free to ask.
Thank you, Manuel Figueroa, Ph.D., PCEE 2022 Program Chair

3. CDEI Update - From Christa Crawford Alston:

The ASEE CDEI virtual workshop team is excited about our upcoming workshops! We hope you can join us **on Friday, April 15, 2022, at 2:00 PM (ET)**! Please refer to the information below to learn more and register for our upcoming workshops!

Upcoming Workshops

- **May 20, 2022, at 2:00 PM (ET)**—Making Engineering Departments More Accessible to and Inclusive of Faculty with Disabilities [[Learn More and Register](#)]

- **Facilitators:** Dr. Briana Blaser, Dr. Sheryl Burgstahler, and Dr. Canan Bilen-Green

If you are interested in hosting a workshop, please complete the **form!**
If you have any questions, please let me know.

Best, Bri
Brianna Benedict McIntyre, Ph.D. Candidate, Purdue University

4. Autodesk Social Change Challenge - From Geraldine Gooding:

<https://www.autodesk.com/education/educators/asee>

ASEE/Autodesk Social Change Challenge 2022

ASEE and Autodesk are partnering to sponsor a [contest to inspire social change](#)—connecting your classroom to your community. Faculty and lecturers are invited to create a lesson plan challenging students to design a solution that makes a positive impact in their community. The lesson plan might focus on solving a lack of access to high-speed internet, transportation, playground equipment—or any other issue that will light up students’ imagination.

Open to faculty/lecturers/teachers at post-secondary institutions in the United States.

**We especially encourage faculty at 2-year institutions to apply. **

1st place: **\$5,000**, 2nd place: **\$3,000**, and 3rd place: **\$2,000** prizes will be awarded, and winners will be announced at the 2022 ASEE Annual Conference

Submissions open: Now through May 13

Winners announced: June 28, 2022

[Please click here](#) for contest information.

Any questions, please contact Geraldine Gooding, g.gooding@asee.org

Thank you.

Geraldine E. Gooding, CSM

Senior Manager, PreK-12 Activities and Diversity, Equity, & Inclusion Initiatives
HQ Liaison, Commission on P-12 Engineering Education
HQ Liaison, Commission on Diversity, Equity, & Inclusion

5. Engineering for US All (e4usa) - From Stacy Klein-Gardner:

[Engineering for US All \(e4usa\)](#) is an NSF-funded high school engineering program that opens engineering to a new generation of students. The e4usa curriculum empowers, engages, and excites students to use what they know and find what they are passionate about to take control and boldly influence the world. To date, **3,399 students** in **47 high schools** have enrolled in the e4usa course. You can hear directly from a handful of e4usa students about their experiences by watching this short [video!](#)

Our e4usa team is working with institutions from across the country to establish pathways for students to earn college credit upon their successful completion of the e4usa curriculum. To date, seven institutions have created credit-bearing pathways for these students. We are excited to share details of these credit pathways with you today through the publication of our inaugural **e4usa Credit and Placement Prospectus**. This publication will be updated annually as additional institutions continue creating credit or placement pathways. **We would be thrilled to include details of a credit pathway at institutions affiliated with the ASEE PCEE division the next time we publish this prospectus!** The 2021-22 prospectus is available at <https://e4usa.org/families> under the “Earn College Credit” heading. Please note that we are actively engaged with community colleges in Arizona and Florida, with plans to include additional two-year schools in the next version of our prospectus. If you have any questions or would like to schedule a meeting to discuss how a credit pathway can be created at your institution, please email the e4usa Credit and Placement team at credit@e4usa.org.

6. Follow ups:

*There is a flyer attached as a reminder about the Excellence Through Diversity Student Showcase too (Wed., June 29th 1-4 pm CT, Exhibit Hall A).

To apply, fill out this form before May 15th: <https://www.surveymonkey.com/r/7VS67CB>

Contact Rachel Koroloff with questions.

*Don't forget about the American Rocketry Challenge:

<https://rocketcontest.org/>

Contact Norman Fortenberry with questions.

--

Dr. Andrea C. Burrows

University of Wyoming - College of Education

Associate Dean for Undergraduate Programs

Professor - Science Education - School of Teacher Education

President-elect: Association for Science Teacher Education (ASTE)

Office: UW ED 9; Phone: 307-766-3463

Email: Andrea.Burrows@uwyo.edu

Mailing address: 1000 E. University Ave., Laramie, WY 82701

Twitter: @SciEdBurrows

https://calendly.com/andrea_burrows

 **ASEE_Student_Showcase_Flyer_March2022.pdf**
200K

ASEE 2022 ANNUAL CONFERENCE
**Excellence Through
DIVERSITY**

STUDENT SHOWCASE

Wednesday, June 29, 1:00—4:00 P.M., Exhibit Hall A

The ASEE Annual Conference and Exposition, 26 – 29 June 2022, to be held at the Minneapolis Convention Center, Minneapolis, MN, will host a student showcase poster session featuring projects from students at the high school, associates, bachelors, masters, doctoral and postdoctoral levels.

All are welcome! Apply now! There are a limited number of slots available on a first-come-first-served basis!

The ASEE STUDENT SHOWCASE is an opportunity

- for students at all levels to share their creative engineering projects (including capstone design, mini-Baha, solar racers, intro to design projects, makerspace projects, extracurricular projects, and others)
- for mentors to help foster the professional networks of their students
- for employers to meet young innovators

But most importantly, the ASEE STUDENT SHOWCASE is an opportunity

- for students to meet one another and establish the kinds of professional and scholarly relationships that will carry them forward and affect the long-term future of engineering.

To apply, fill out this form: <https://www.surveymonkey.com/r/7VS67CB>

First application deadline: **March 30, 2022**

Second, final application deadline: **May 15, 2022**

Poster presentations will be accepted on a first-come-first-served basis.

There is no fee to apply, nor will student presenters be required to register for the Annual Conference and Exposition, however all students and any guest attendees must be ASEE members at the time of the showcase.

All students under the age of 18 must have a chaperone to attend.

Students are encouraged to bring physical artifacts and devices if they have them. Ample room will be given in the Exhibit Hall for each student presenter.

Questions? Please contact r.koroloff@asee.org