

---

**[k12\_div] ASEE PCEE Chair Updates - May 2022**

1 message

---

**Andrea Carneal Burrows** <Andrea.Burrows@uwoyo.edu>  
To: "k12\_div@asee.org" <k12\_div@asee.org>

Fri, May 27, 2022 at 2:10 PM

Hello PCEE members,

The ASEE Conference is almost here!

Thank you for all that you do for engineering education every day and especially pre-collegiate engineering education. We hope to see you in Minneapolis.

Remember that you are always welcome to join in:

The next **PCEE Meeting is** in June at the conference and then again in July online.

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* -

*Other set meetings:*

**July** - Wednesday, 13th - @ 9 am MT/ 11 am ET

**August** - Thursday, 18th - @ 2 pm MT/ 4 pm ET

**September**- Tuesday, 13th - @ Noon MT/ 2 pm ET

The following notes are from our PCEE Division:

1. **Congratulations!**

**Executive Board election results** are in, and a huge thank you to each person who ran for office. The winners of the election include:

Program Chair elect - Marcelo Caplan  
Secretary/Treasurer - Rebekah Hammack  
Member-at-Large - Elizabeth (Liz) Parry -and- Vemitra White  
K-12 Representative, PK-5 - Tracy Babcock  
K-12 Representative, 6-12 - Lynn Basham  
K-12 Representative, Other - Jamie Kennedy

2. **Business Meeting in June** –

The PCEE business meeting has been moved to **Monday, June 27<sup>th</sup> at 1:45-3:15 p.m. CT**. Please join us.

3. **Awards to be announced at the 2022 ASEE PCEE business meeting:**

- ...2022 PCEE Lifetime Achievement Award Recipient
- ...2022 PCEE Meritorious Service Award
- ...Best PCEE Paper 2022
- ...Best Diversity Paper 2022

Don't miss it.

4. **Resource Exchange notice-**

Calling all past and present PCEE Resource Exchange authors! The ASEE Commission on P-12 Engineering Education invites you to widen your audience by sharing your resource at the ASEE Commission on P12's exhibit hall booth during the peak Exhibit Hall functions. The Commission will have a lounge-type space with some tabletops. If you are interested, please [click here](#) to get on the list. Past PCEE Program chair [Katey Shirey](#) will help coordinate a time slot that works for you to share in the booth during the conference.

5. **Engineering Outreach Efforts -**

PCEE wants to help you recruit for your awesome P-12 engineering outreach efforts. We are keeping a map to show all engineering offerings by grade: [https://www.google.com/maps/d/u/0/edit?mid=1aZiaQZUCD2MFsMJPbaZ51DWxq\\_RHSrvA&usp=sharing](https://www.google.com/maps/d/u/0/edit?mid=1aZiaQZUCD2MFsMJPbaZ51DWxq_RHSrvA&usp=sharing)

Please add your engineering offerings to the map with this form: <https://forms.gle/EExFWKi7GZuHv7F89>

Email [katey@edukatey.com](mailto:katey@edukatey.com) if you have any questions.

6. **June 2022 Conference reminders -**

- Sunday, June 26th 3:00 PM - 4:30 PM CT PCEE Resource Exchange
- Sunday, June 26th 4:30 PM - 6:00 PM CT Division Mixer (PCEE Table)
- Monday, June 27th 7:00 PM - 9:00 PM CT PCEE/WIED /MIND Social
- Monday, June 27th 1:45 PM - 3:15 PM CT PCEE Business Meeting
- Tuesday, June 28th 9:45 AM - 11:15 AM CT PCEE Poster session

7. **Be a PCEE moderator –**

If you are interested in being a moderator at the ASEE Conference, contact Program Chair Manuel to see if there are any available spots.

Manuel Alejandro Figueroa, Ph.D.  
Associate Professor and Chair  
Department of Integrative STEM Education  
[manuel.figueroa@tcnj.edu](mailto:manuel.figueroa@tcnj.edu)

8. **PCEE Conference (workshop) reminder -**

The PCEE Conference (previously the Saturday workshop) event will be in-person in Minneapolis on **Saturday, June 25, 2022, from 9-3 PM.**

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.

Contact PCEE division chair-elect Merredith Portsmore for more information: [merredith.portsmore@tufts.edu](mailto:merredith.portsmore@tufts.edu)

9. **Post-doc opportunity:**

The Department of Education at Montana State University seeks to hire a post-doctoral scholar, starting Fall 2022, to contribute to a multi-institution NSF-funded study. The project "Investigating how intensive and modest supports effect rural, elementary teachers' science and engineering practice" aims to build foundational knowledge on the sustainability of targeted science and engineering instructional improvements in rural schools and the viability of extending these programs through the implementation of modest teacher supports. The project brings together a team of researchers from the University of North Dakota, University of Wyoming, Montana State University, and Wested. This post-doctoral position will be located in the Bozeman, MT area.

#### Duties and Responsibilities:

Work directly with the entire team (CA, ND, MT, WY) to help coordinate the collaboration of teachers from small schools in each state to ensure participants who engage with specific supports are connected with each other.

Dissemination of project results through development of conference papers and manuscripts for peer reviewed journals.

Mentor graduate and undergraduate students working on education research projects

#### Minimum Qualifications:

Doctorate in Science Education, Engineering Education, or related field

Demonstrated ability to publish and present peer-reviewed scientific products

#### Preferred Qualifications:

Qualitative data collection and analysis skills, including videos of classroom instruction

Teaching and research experience in K-12 schools

Experience with engineering education research

Experience with practice-based professional development

Knowledgeable of rural education research

#### Appointment Terms:

This position is a 12-month contract with the potential for renewal, based on performance

Compensation is up to \$55,000/year (commensurate with qualifications) + benefits and travel/research funds

#### To Apply:

Please submit the following materials as a single PDF file:

Cover letter

CV

Names and contact information for three references

Sample of professional writing

Please email application materials to Dr. Hammack ([Rebekah.hammack@montana.edu](mailto:Rebekah.hammack@montana.edu)).

Review of applications will begin immediately and continue until the position is filled. Please address any questions about the position or application process to Rebekah Hammack - [Rebekah.hammack@montana.edu](mailto:Rebekah.hammack@montana.edu)

#### 10. **Women of Color Scholarships -**

I founded and serve as Executive Director of STEAM Sports Foundation, a 501c3 in Atlanta.

Our primary task currently is to provide scholarships to young "Women of Color" in the automotive/motorsports engineering space.

This year, we will award a pair of \$10,000 grants (2 years at \$5,000 per year) to a rising college junior and a two-year technical student.

Release: <https://conta.cc/3KgpzXX>

**“Women of Color” scholarship applications** for these \$10,000 grants are needed before the June 15 deadline.

While the release provides most all the details, feel free to go to the website [www.steamsportsfoundation.org](http://www.steamsportsfoundation.org) for more information or the specific application site <https://steamsports.wufoo.com/forms/scholarship-application>

Sincerely,

Bob Dickinson, President

Dickinson Partners Group/STEAM Sports Foundation

770-815-0125

<https://www.linkedin.com/in/dickinsonbob/>

[www.dickinsonpg.com](http://www.dickinsonpg.com)

11. **Free STEM summer camp for upcoming 5<sup>th</sup>/6<sup>th</sup> graders -**

There might be some free, virtual openings for upcoming 5<sup>th</sup> and 6<sup>th</sup> graders in a summer STEM camp called The Artful Craft of Science (TACoS), hosted by the University of Wyoming the last week of June (June 27 – July 1). The camp is sponsored by MilliporeSigma.

If interested contact Elizabeth McMahan – [emcmaha2@uwyo.edu](mailto:emcmaha2@uwyo.edu)

-----

You all are the superstars of engineering education – thank you!  
Feel free to reach out with any questions or ideas for the PCEE Division.

See you in Minneapolis,

Dr. Andrea Burrows

PCEE Division Chair