



Pre-College Engineering Education

A division of the American Society for Engineering Education

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September 24, 2020 Newsletter

Thoughts from the Chair

Dear PCEE Division. As I speak with colleagues in our educational community, I am constantly reminded about all the great things our division members are doing during these challenging times. Keep your head up and know that you are making a difference.

Bradley Bowen, PCEE Division Chair (bowenb@vt.edu)

ASEE Annual Conference– Abstract Submissions due Oct. 12

New PCEE Division Paper Review Rubrics!

To better support our membership during the paper submission process, the division has revised the rubrics to better align with the ASEE organizational best paper rubric. This allows our members to be more competitive and provide a better opportunity to win an organizational best paper award. This only applies to the Evaluation, Fundamental, and RTP categories since these are the only types of papers that are eligible for an organizational best paper award. As we go through the current paper submission process, please align your manuscripts and reviews in these three categories to the new and improved rubrics. They can be found in the call for papers, also linked here: [call for papers](#).

Paper Reviewers

The division is always in need of additional reviewers. If you did not receive an invitation to review and would be willing to participate in the process, the current program chairs are Katey Shirey (chair) and Manuel Figueroa (chair-elect). You may reach Katey at katey@edukatey.com with any questions or to volunteer as a reviewer.

2021 PCEE Conference will be Virtual

The 2021 PCEE conference, typically held the Saturday before the annual conference will be virtual. This provides an amazing opportunity to reach a broad audience of P-12 educators. Please consider presenting and spread the word to any colleagues that may benefit from attending. More information will be provided as the PCEE Conference Committee works through the details. If you are interested in being part of this planning committee please contact Andrea Burrows at andrea.c.burrows@gmail.com.

The ASEE Commission on Diversity, Equity, and Inclusion Spotlight Series

Dr. Homero Murzi: Creating culturally responsive environments by focusing on the voices of our engineering students. You can view the story [here](#).

Implement Engineering! Teacher Grants

The PCEE Division is thrilled to continue our grant program for P12 teachers who seek support for the implementation of an engineering project in their classroom. The awarded funds are supporting the purchase of classroom materials and/or teacher professional learning expenses.

The awardees for the 2020-2021 school year are:

- Revitalizing Northridge Elementary's After School Engineering Program; Grades 3-5; Longmont, CO
- Engineering Our Way Through 6th Grade; Grades 6-8; Washington, DC
- Processing of Human Sensors; Grades 9-12; Houston, TX
- African Photovoltaic and Clean Water Project; Grades 9-12; Dayton, OH
- Helping the the World Around Us: The Practical Application of Earth, Space, and Life Science;

With a generous donation from Ofinno, we were able to award three additional teacher grants. The awardees are:

- Adafruits for Remote Learning; Grades 6-8; Northglenn, CO
- Charlotte Engineering Early College Senior Design EXPO; Grades 9-12; Charlotte, NC
- Water You Waiting For?; Grades 9-12; Houston, TX

Stay tuned for details about the application for the 2021-2022 school year which will be available this spring.

Engineering Challenges for P12 Instructors and Parents

ASEE has established a Facebook page to provide engineering challenges for P12 instructors and parents. Please go to <https://www.facebook.com/groups/687366151802693/> to join and see all the awesome design challenges. If you have a challenge you would like to post on the page, please email Stacy Klein-Gardner at stacy.klein-gardner@vanderbilt.edu.

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 Bradley Bowen  September 23, 2020  News, Newsletters  No Comments

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