

# Student Essay Competition

## Imagining the Future of Engineering Design Education

Sponsored by: ASEE Design in Engineering Education Division

**Provocative. Visionary. Aspirational. Innovative.**

You love to design. You have taken design classes. As the ultimate stakeholder of design education, we look to you to imagine ...

### What is the future engineering design education?

Inspire us all to look forward to the future of design. Challenge our current assumptions. Consider the far-reaching and expansive or one dimension in great depth. From the lens of a student, what would learning about design be like in 2040? Consider ...

*How will technology change and influence the design process? What tools might you have access? How will the classroom experience change? What types of projects will you work on? How will you report your work? How will you collaborate with your peers, your stakeholders ... will you collaborate?*

Four winning student essay submissions will get to present their work as part of part of the ASEE DEED Postcard Poster Session. At the session, the winners will be honored, including the official awarding of \$500 (to offset part of the cost of attending ASEE) and a certificate to each winning submission.

### Evaluation and Selection of Winners:

A panel of judges from the Design in Engineering Education Division will review applications and select two undergraduate and two graduate student winners. Criteria used in evaluating the submissions will assess the degree to which the submission is:

- **Aspirational** - it sets a high bar for what might be,
- **Innovative** - it breaks beyond traditional assumptions about EDE in envisioning what might be,
- **Grounded** - it provides a strong basis and rationale for what might be, and
- **Well Communicated** - it paints a clear picture of what might be.

**Submissions are due April 7, 2017**

**Winners will be informed no later than May 1, 2017**

### Submissions:

- Maximum of two 8.5x11 pages of text and one page of images/drawings/figures as appropriate.
- On the first page:
  - Start with a title for your submission,
  - Include prominently a one sentence takeaway for your entire submission (i.e., if you only had one sentence to convey the future of engineering design education, what would that sentence be?).
- Submissions can be from individuals or pairs, but the award will be shared if the submission is from a pair of students. If submitting as a pair, both students should be undergraduate or both graduate (i.e., not one undergraduate and one graduate student)
- Submit a single PDF file to [asee.deed.officers@gmail.com](mailto:asee.deed.officers@gmail.com) by 23:59:59 04/07/17.
- Do not include any identifying information in the submitted PDF. Instead, in the email accompanying your submission indicate your institution and if you are an undergraduate or graduate student in the email. If you are submitting as a pair, indicate the name and institution of the other author. Note: this email is not checked regularly, so do not send questions to this email address. We only use it to collect submissions.
- Winning authors must attend the ASEE Conference.



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