

Dear DEED Members,

Happy June! This is an early installment of the June 2015 newsletter because the usual newsletter distribution date will fall during the ASEE conference. Read below for a digest of ASEE activities and other announcements.

The intent of this newsletter is to inform the DEED community about upcoming events and related news in DEED, ASEE, and engineering design. Newsletters are typically sent on the 15th of every month; submissions are welcome.

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1) DEED Sessions at ASEE (full program attached)

DEED has a full program this year - see the COMPLETE schedule on the attached file. You can also pick up a hard copy of this program as a convenient bookmark from the DEED table at the Division Mixer (see below).

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2) DEED Table at Division Mixer (Sun, 6/14, 4:15-5:45 PM)

Speaking of the Division Mixer - this year's DEED table is not to be missed. Stop by Table 17 for some DEED fun, including a hands-on activity, a raffle, giveaways, and design-related resources. AND, if you have information to share on design-related events (conferences, competitions, research projects, etc.), please feel free to bring handouts to the mixer itself or send them to DEED Chair Susannah Howe (showe@smith.edu) in advance.

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3) DEED Fun Run/Walk - NEW! (Mon, 6/15, 7 AM)

Bring your sneakers to ASEE and join other interested runners/walkers for the inaugural DEED fun run/walk on Monday, June 15, at 7 AM. Meet in the lobby of the Sheraton Seattle Hotel, pick up a route map (provided), and join other interested runners/walkers. Groups pick their pace and distance. Everyone is welcome - start your Monday on the right foot InDEED!

4) ASEE Workshop for Leaders, Designers, and Liberal Educators
(Sun, 6/14, 1-4 PM)

Post-secondary education is a time for students to explore and (re)create their personal and social identities. Engineering students have the additional challenge of developing compatible personal and professional identities, both as individuals and as members of teams. The engineering design classroom provides a context in which personal values and identity can be explicitly linked with engineering education and professional practice.

In this FREE workshop facilitators will introduce a suite of activities that help engineering students (and their instructors) better integrate values, identity, design thinking, and leadership in the engineering classroom. These activities help students to (1) see themselves as legitimate stakeholders in design activities, (2) establish professional identities that go beyond their disciplinary designations, (3) explore their responsibilities to themselves, their profession, and broader society, (4) differentiate themselves through integrity and praxis, and (5) navigate the challenges of working with and across diversity.

Coming out of this workshop you will have (a) acquired a set of proven activities that you can adapt to your classroom, (b) explored your own values as engineers, designers, leaders, and members of society, and (c) collaborated with members of (hopefully!) at least two other ASEE Divisions.

The workshop is Sunday, June 14, from 1:00-4:00 PM in Room 304 of the Washington State Convention Center.

5) Call from the ASCE Committee on Sustainability
(Sun, 6/14, 2:00-3:30 PM)

How can ASCE help programs meet the new [ABET Civil Engineering Program Criteria to include principles of sustainability in design](#) in their programs? The [ASCE Committee on Sustainability](#) wants to know and invites your input and ideas at an open session for all interested faculty from 2 - 3:30 PM on Sunday, June 14, 2015 at the ASEE Annual Meeting in Seattle. The meeting is at the Washington State Convention Center, Room 209.

6) Capstone Design Community Gathering (Sun, 6/14, 7-9 PM, at Seattle University)

Join the Capstone Design Community gathering at nearby Seattle University to connect with capstone colleagues, see Seattle University's Project Center facilities for their capstone programs, and look ahead to the 2016 Capstone Design Conference. All involved and/or interested in capstone design are welcome! This is a free event, separate from the ASEE conference, refreshments included. Location: Sullivan Hall, 901 12th Avenue, Seattle University.

7) Post-doc Position at ISU and UofM in Engineering Education

Iowa State University and the University of Michigan have begun the review of applications for a Post-Doctoral Research Fellow for an engineering education/design education research project funded by the National Science Foundation with a start date of July-August 2015. We will continue accepting and giving full consideration to applicants until the end of December, although we prefer hiring the Post-Doc ASAP. The successful candidate will be part of a team with colleagues from Engineering Education, Cognitive Psychology, Social Psychology, and Industrial Design. The project will focus on creating new knowledge and research

publications about the dissemination of design pedagogy. For more information and to apply, follow this link to the job posting: <http://www.iastatejobs.com/postings/11578> Please feel free to send your application to either sdaly@umich.edu or seda@iastate.edu

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8) Seeking Faculty Partners for Research about Student Resistance to Active Learning

(due June 8)

Our research team is studying student resistance to faculty's use of active learning in the classroom in an effort to identify evidence-based strategies instructors can use to reduce that resistance. We are currently recruiting faculty partners to participate in our research during the coming year. If you are interested, please read more below and complete [this application](#) before June 8, 2015.

If you use active learning in your teaching (e.g., have students solve problems in class or use think/pair/share activities), and if you will be teaching an introductory engineering course (i.e., a course in which more than 80% of the enrolled students are typically first- or second-year engineering students) during the coming academic year, we invite you to apply to be a faculty partner. Our partners will have an opportunity to reflect on their use of active learning, will have early access to our research findings, and will be offered a \$200 honorarium as compensation for their efforts. Please contact Cindy Finelli (cfinelli@umich.edu) with questions.

Thank you in advance from the StRIP (Student Response to Instructor Practices) team: Maura Borrego (UT Austin), Cindy Finelli (Michigan), Charles Henderson (Western Michigan), Mike Prince (Bucknell), Cindy Waters (NC A&T)

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9) Submitting to the InDEED Newsletter

To submit an item to the InDEED newsletter, please prepare a short description (no more than 2 paragraphs) including any relevant URLs and contact info. Email this information to showe@smith.edu. The newsletter will typically be sent out on the 15th of each month.

Cheers,
Susannah Howe
Chair, ASEE DEED 2014-2015