



Division Objective

To provide a forum for the interchange of ideas between those people interested in lower division engineering. We promote scholarly work relating to educational activities for first-year engineering students.

About Us!

<https://sites.asee.org/fpd/>

Common Topics:

Methods of integrating

- Design
- Problem-solving
- Computing
- Student success
- and more!

into the first-year experience

Contact Us!

Division Chair 2021-2022

Tim Hinds

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We hope you will join us at the 2022 ASEE Annual Conference at Minneapolis, MN and the 2022 FYEE Conference at Michigan State!



ASEE 2022 ANNUAL CONFERENCE

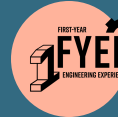
The 2022 ASEE Annual Conference will take place in Minneapolis, MN, June 26-29.

- Abstract reviews are in progress and nearly complete!
 - THANK YOU to all who have helped review!
- Draft paper submissions open on Dec. 12, 2021, with a due date of **Feb. 7, 2022**
- Future important due dates include:
 - Workshop applications due. Jan. 17, 2022



FPD/ASEE IMPORTANT NOTES

- In case you missed it - New [ASEE Website](#) - Member accounts have been created, but you will need to reset your password!
 - If you need to access the old site, use <https://monolith.asee.org>



FYEE 2022 CONFERENCE

Save the date! The next FYEE conference is to be held at Michigan State University, July 31st-August 2nd, 2022! Call for papers will come out early in the new year.



EVENTS and OPPORTUNITY ANNOUNCEMENTS

NETI-1A and 1B online workshops open

Questions should be directed to [Emily Ohland, Workshop Administrator](#). Register at <https://www.neti-workshop.org/events/>.

NETI-1A: Introduction to Successful Teaching for STEM Faculty, January 2-3, 2022, 1:00 – 5:00 p.m. EST. This online workshop is designed for instructors who have taught for 1-5 years or more experienced faculty looking for an introduction to instructional design. NETI-1A focuses on effective strategies for getting started in STEM courses in both face-to-face and online classes, covering content traditionally offered in the in-person NETI-1 workshop. Topics explored in the NETI-1A workshop include: crafting meaningful learning objectives, developing effective assessment, designing policies to support student and faculty success, and common crises and their management in STEM classes.

NETI-1B: Strategies For Promoting Student Engagement, January 4-5, 2022, 1:00 – 5:00 pm EST. This online workshop is designed for instructors who have taught at least one year and is also useful for experienced faculty interested in improving their teaching. NETI-1B focuses on research-based strategies for engaging students in both face-to-face and online classes, covering content traditionally offered in the in-person NETI-1 workshop. Topics explored in the NETI-1B workshop include: enhancing student motivation, implementing proven student-engagement techniques (active learning), and engaging all students in an inclusive class environment.

1st and 2nd Year Student Opportunity

Help 1st and 2nd year students discover how **Network of Developers/Mentors can impact their professional identities in Engineering!** This study is funded by National Science Foundation (NSF). Click on the [Flyer link](#) which gives participant criteria and benefits including monetary incentive. Here is the Sign-Up Link: https://drexel.qualtrics.com/jfe/form/SV_3n6NdYC1cFp4nAO



OPEN POSITIONS

Open Renewable Term Lecturer Position at Santa Clara University

Santa Clara University's [General Engineering programs](#) invite applications for a full-time 3-year Renewable Term Lecturer (RTL) beginning in the 2022-2023 academic year to teach undergraduate level courses and labs. The desired specialization for this position is engineering design education, project-based learning and community outreach. The ideal candidate will have related expertise in cross-disciplinary engineering design, hands-on teaching experience, and the ability to leverage experience to address themes of technical innovation and entrepreneurial thinking. Contact General Engineering Director [Jessica Kuczenski](#) for more information. The full job posting can be found at

https://wd1.myworkdaysite.com/en-US/recruiting/scu/scu/job/Santa-Clara-CA/Renewable-Term-Lecturer---Engineering_R1809-1

Teaching Faculty/Freshman Engineering Advisor, Northwestern University, McCormick Undergraduate Engineering

The McCormick School of Engineering and Applied Science plans to hire a continuing, full-time Assistant Professor of Instruction (non-tenure track; rank negotiable) to serve as a freshman adviser in undergraduate engineering. The adviser will support first year students in academic and career planning. In addition to these duties, the adviser will be expected to teach three quarter-length courses annually, emphasizing freshman design.

Full job listing

here: <https://www.mccormick.northwestern.edu/offices-services/undergraduate-engineering-jobs.html>

Applications accepted here: <https://openposition.mccormick.northwestern.edu/apply/index/Nzk>

Lecturer, Oshman Engineering Design Kitchen, Rice University

The School of Engineering at Rice University seeks unique and energetic applicants for a non-tenure track faculty appointment with a full-time focus on undergraduate engineering design education at the Oshman Engineering Design Kitchen (OEDK). The OEDK provides undergraduate engineering students with ready access to design tools, prototyping equipment, computational facilities, meeting rooms and ample space for prototype design and development. Classes and programs at the OEDK challenge students to solve real-world design challenges brought to them by clients. OEDK offers courses for students from freshman through senior year that are part the Engineering Design minor. Specifically we are looking for an individual who is passionate about undergraduate teaching, has a rich experience in engineering design, and is highly motivated to contribute to a dynamic and growing academic maker-space. Complete post can be found here: <https://apply.interfolio.com/96207>

College of Engineering, Computer Science, and Technology at Cal State Los Angeles

Cal State LA is searching for teacher-scholars in **Mechanical Engineering, Civil Engineering, Engineering Technology, Computer Science, Engineering Education (specifically for first-year programs), and Fire Protection Administration and Technology**. Cal State LA is a comprehensive urban university with a highly diverse population, recently **ranked #1 in the nation** for the upward mobility of its students. We are committed to the inclusive classroom and seek to hire faculty who will be committed to diverse undergraduate and masters-level student learning, as well as to developing funded research and projects with federal, local and regional partners. More detail on each position as well as application information can be found at www.calstatela.edu/ecst/faculty-search.