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October 2022 Newsletter from ASEE LEAD Division

In the October Edition of the ASEE LEAD Division Newsletter you will find:

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YOU are What Makes ASEE 2023 Conference Great! Submit your Abstract Today!

ASEE 2023 Annual Conference – Information, Call for Reviewers and Call for Abstracts

This year, the ASEE Annual Conference is in Baltimore, MD June 25 – 28th. For up-to-date information on the annual conference, see the ASEE 2023 Annual Conference site.

Call for Abstracts

- This year, ASEE will use the "NEMO" system for paper management. This system is related to the Monolith system.
- Abstract Submissions are OPEN (as of Oct. 1)
- Abstracts are due October 31 by 11:59 PM EST
- The Call for Papers guidelines for LEAD can be found here.

General information on ASEE Annual Conference abstract submissions can be found here.

Call for Abstract / Paper Reviewers

- ASEE LEAD division is looking for abstract and paper reviewers this year to evaluate the abstract and paper submissions.
- If you would like to be an abstract and/or paper reviewer, and you have not received an invite:
  - Log onto ASEE Paper Management System and check your list of paper review requests on the NEMO homepage
  - Check your spam and junk folders for the review invitation
  - Once the above two options are exhausted, contact Kim Wolfinbarger (kim@ou.edu)
- A note about reviewer acceptance:
  - In this version of NEMO, the system asks how many TOTAL papers you would like to review. This total includes abstracts and papers together.
    - Example: A LEAD member would like to review 2 abstracts and 2 paper drafts for the conference. This LEAD member would put "4" in the total number of papers they wanted to review.

ASEE LEAD Officer Announcement – 2022 to 2023

ASEE LEAD Division would like to proudly introduce the executive Board Members for the 2022 – 2023 Academic Year.

Chair: Dr. Cindy Rottmann – University of Toronto

Outgoing Program Chair / Chair-Elect: Dr. Kimberly Wolfinbarger – University of Oklahoma

Incoming Program Chair / Chair-Elect:	Dr. Meg Handley – Penn State University
Treasurer:	Dr. Kenneth Lamb – Cal Poly Pomona
Webmaster, Secretary:	Dr. Brett Tallman, P.E. – University of Texas, El Paso
Membership and Nominating Chair:	Dr. Elizabeth Melvin – Louisiana State University
Outreach Liaison / DEI Representative:	Dr. Denise Simmons – University of Florida
Director of Scholarly Activities:	Dr. Rebecca Komarek – University of Colorado, Boulder
Director of Strategic Planning:	Dr. Kyle Gipson – James Madison University
Awards Chair:	Dr. Andrea Chan – University of Toronto
Past Chairs:	Dr. Meagan Kendall – University of Texas, El Paso Dr. David Nino – Massachusetts Institute of Technology Dr. Gregg Warnick – Brigham Young University / Micron Technology, Inc.

**If you are interested in becoming a member of the executive board or becoming more involved with ASEE LEAD, contact the ASEE LEAD Membership and Nominating Chair at lizmelvin@lsu.edu

ASEE LEAD Leadership Lounge Update

October Leadership Lounge

By: Meg Handley, Brian Novoselich and Meagan Kendall

On October 5th we kicked off our first Leader Lounge of the Academic year! We discussed the ASEE Lead Division's 2023 call for papers, which was built off of the 2022 research workshop during the conference in Minneapolis. Our aim during the Leader Lounge was to brainstorm ideas for papers that align with this year's call and facilitate connections for paper collaborations. We had a great time connecting with others researching in this area and generated lots of ideas for advancing engineering leadership. In the future, our goal is to host Leader Lounges every month or two. So stay tuned for details on our November Leader Lounge!

November Leadership Lounge

By: Kenneth Lamb and Brett Tallman

How do we assess leadership? There are so many frameworks, instruction methods, and learning levels that it is overwhelming to decide. Is each approach, framework, or method independent and exclusive from the others or are there relationships among them? If we knew the relationships could we simplify the targets of our assessments? During our next leader lounge,

we want to discuss leadership assessment with a goal to simplify the conversation around which assessment techniques would be most appropriate. Stay tuned for your email for an announcement of the date and time of our November Leadership Lounge.

ASEE LEAD LinkedIN

Don't forget to follow us on the LEAD Division LinkedIN page! You can find us on LinkedIN [here](#).

NEW ASEE LEAD Division – Cheers and Congratulations

The LEAD Division's membership is comprised of folks who work hard and put forth tremendous programs for engineering students. Now, we'd like to have a place in our newsletters to help get the word spread about our members' tremendous accomplishments so we can celebrate together as a community.

Jena Asgarpoor (University of Nebraska) received the 2022 *Keating Award for Innovation and Leadership in Lifelong Learning in Graduate Engineering Education*. This award is given by the ASEE Graduate Studies Division after a national call for nominations and selection process. This award was established in memory of Donald A. Keating, who, during his association with the ASEE Graduate Studies Division, epitomized the best in innovative graduate engineering education and scholarship. This award is given to an individual who over a period of time demonstrated commitment and leadership to the advancement of the mission of the ASEE Graduate Studies Division, especially in the area of professional graduate education, as was demonstrated by Donald A. Keating. This award is reserved to recognize an extraordinary level of support for professional graduate education.

Jena Asgarpoor (University of Nebraska) and Neal Lewis won the *2022 Best Paper Award from the Engineering Management Division* (EMD) for their paper, "Reclaiming Engineering Management's Position Among Engineering Disciplines".

Jena Asgarpoor (University of Nebraska) received the *2021 Best Presentation Award from Engineering Management Division* for her paper "An Integrated Platform of Active Learning Techniques in a Supply Chain Management Program" which she presented at the 2020 virtual conference. EMD chooses the Best Presentation Award at the end of each conference and presents it the following year at the Awards Banquet.

Rebecca Komarek (University of Colorado)**, Angela Bielefeldt** and Daniel Knight received both the *2022 LEAD Division Best Paper Award* and the *2022 PIC III Best Paper Award* for their paper "Self-Assessment of Leadership Behaviors Over Time Among Students in a Mechanical Engineering Capstone Course"

Pictured from left to right: *John Estell, Cindy Rottman, Meagan Kendall, Rebecca Komarek, Daniel Knight, and Denise Simmons*

Cindy Rottmann (University of Toronto), **Emily Moore**, **Andrea Chan**, Lee Weissling and **Dimpho Radebe** won the *2022 ASEE Engineering Management Division's Best Diversity Equity and Inclusion Paper Award* and the *2022 ASEE Engineering Management Division's Best Presentation Award* for their paper and presentation titled: "What's getting in the way? Personal and professional barriers to engineering leadership."

Denise Simmons (University of Florida) won the American Society of Civil Engineers Editor's Choice Award for her paper: Bae, H. , **Polmear, M**., & **Simmons D. R.** (2022). Bridging the gap between industry expectations and academic preparation: Civil engineering students' employability. *Journal of Civil Engineering Education.148*(3). For a link to this paper, see below in Paper and Publications Spotlight.

Kenneth Lamb was recently promoted to Full Professor in the Civil Engineering Department at Cal Poly Pomona. Kenneth also serves as the Director of Student Innovation Idea Labs.

Denise Simmons was recently named the Associate Dean of Workforce Development in the Herbert Wertheim College of Engineering at University of Florida in Gainesville. Denise also serves as an associate professor in the Herbert Wertheim College of Engineering.

**Would you like to have yours or someone else's accomplishment(s) to be highlighted in the next ASEE LEAD newsletter? If so, complete this short Cheers and Congratulations JOTFORM so we can give you a shout out in the next newsletter!

Division Paper Spotlights

This month we are highlighting Denise Simmons' paper published in the Journal for Civil Engineering Education titled *"Bridging the gap between industry expectation and academic preparation"* where her team reports on the disconnect or gap between what industry is looking for in a successful civil engineering entry level candidate and the perception of what training and experiences students need to get to that point. Denise and her team found that "(1) students developed career motivation inside and outside the classroom; (2) students participated in school organizations and internships to improve professional skills and emotional intelligence;

and (3) students expressed uncertainty about learning professional skills in class." If you would like to learn more about their findings and read this award-winning paper, you can find it here.

**Would you like to have your recent publication to be highlighted in the next ASEE LEAD newsletter? If so, complete this Paper Spotlight JOTFORM so we can spotlight it next month!

Engineering Leadership Development Program Spotlights

**Would you like to have your engineering leadership development program to be highlighted in the next ASEE LEAD newsletter? If so, complete this Engineering Leadership Development Program Spotlight JOTFORM so we can share your program with the rest of our ASEE LEAD members!

Open Position Announcements

Assistant Professors of Engineering Pathways (3 open positions) – University of Oklahoma

Position Description:
The Gallogly College of Engineering is rapidly growing with a strategic focus on increasing the number of engineering graduates and increasing our research portfolio. Our plan for student body growth is built around new programs that support and educate our student body in meaningful ways to recognize and encourage new ways of thinking, understanding and experiencing. We have recently launched a new Engineering Pathways Program and are seeking 3 additional teaching-focused faculty members who are passionate about teaching and mentoring students. These faculty will be instrumental in designing and implementing our student-centered plan for growth and will be working collaboratively with each other, with our Gallogly Student Affairs Team, and with faculty and staff across the college.

We are seeking candidates aligned with two particular areas of expertise:
1) an education- and research-focused background in engineering leadership, or
2) experience or expertise in first-year engineering education.

The successful candidates will be expected to have a passion and commitment for supporting the retention of engineering students coming from all backgrounds.

These positions are part of a larger initiative defined in the Gallogly College of Engineering strategic plan for growing enrollment and improving retention. The State of Oklahoma is investing in engineering in support of growing engineering graduates for the state workforce. Successful candidates will have a demonstrated commitment to excellent and innovative instruction, an ethos of care and support of students, and effective mentorship and guidance of students. Candidates with an interest in educational research are welcome and will have opportunities for research collaboration with current and new faculty.

Position Requirements:

Applicants must have earned a Ph.D. in an engineering discipline. Candidates with Ph.D. degrees in engineering education or engineering leadership are strongly preferred. Experience with engineering student education through teaching and student mentoring is expected.

Application Instructions:

Applicants should provide a cover letter, curriculum vitae, a statement that describes how their background and career goals will support success of engineering students, and the contact information for at least three references. A statement of research experience may be included but is optional.

Documents should be uploaded to http://apply.interfolio.com/112210. Initial screening of applicants will begin on October 17, 2022 and will continue until the position is filled. The positions are expected to be 12-month appointments and start date is negotiable not to be earlier than January 1, 2023. Questions may be emailed to Dr. Randa Shehab (rlshehab@ou.edu).

Full Job Opening Ad can be found [here](#).

Associate Professor in Engineering Education and Leadership – University of Texas, El Paso

Job Description:
The University of Texas at El Paso (UTEP) (https://www.utep.edu/) seeks exceptional candidates for a faculty position in the Department of Engineering Education and Leadership (E-Lead, https://www.utep.edu/engineering/eel) in the College of Engineering. This position will contribute to advancing research in engineering education, to developing the department's graduate program, and to delivering our innovative B.S. program in Engineering Leadership. The position is available for a Fall 2023 start, and appointments will be at the Associate Professor level; competitive salary will be commensurate with experience.

The University of Texas at El Paso is a Carnegie R1 and Community-Engaged doctoral research university located in one of the largest binational communities in the world. The University enrolls 24,000 students, expends more than $100 million in research annually, and offers 170 bachelor's, master's and doctoral degree programs in nine colleges and schools. The University maintains an operating budget of $543 million and employs approximately 5,000 people. It has one of the lowest out-of-pocket costs of any research university in the U.S., underscoring its commitment to make education accessible to all. The search committee seeks applicants:

- Who have an appreciation of the bilingual, multicultural nature of our border community.
- Whose record in research, teaching, or service has prepared them to contribute to UTEP's strategic efforts as America's leading Hispanic-Serving University.

The successful candidate will work collaboratively with E-Lead faculty to further build the department's research program in engineering education. Candidates with a research focus on engineering education at the college level, and particularly in leadership development for engineers, are specifically encouraged to apply.

The department emphasizes innovative teaching with an entrepreneurial perspective that thrives in an active student-centered learning environment; most of our courses are co-taught and project-based. The successful candidate must be committed to the educational goals of the E-Lead program and enhance as well as promote it toward national prominence. The candidate's experiences beyond the Ph.D. in engineering or related field is pertinent to this position and should be discussed in the application materials; these might include experience with leadership, business, start-ups, social-benefit organizations, a complementary profession, among other examples.

Position Requirements:

A successful candidate for this position will receive a tenure-track appointment as an Associate Professor in the Department of Engineering Education and Leadership in the College of Engineering. Successful applicants will possess a Ph.D. in engineering, engineering education, or related field; at least one degree (BS, MS, or PhD) in engineering or computer science is desirable.

Application Instructions:

Review of applications will begin immediately and will continue until the position is filled. For consideration, applicants should submit: 1) A letter of application describing your interests, emphasizing your abilities, qualities, and the reasons for your application; 2) Your detailed curriculum vitae; 3) Statement of your career objectives and vision for engineering education and engineering leadership; 4) Statement of education philosophy and teaching experience; 5) A description of research accomplishments and plan; 6) a statement of contributions to diversity, equity, inclusion, and accessibility, and 7) List of three professional references including full contact information. If desired, applicants may also submit links to personal websites or portfolios that detail the applicant's research, design work, business experience, etc. Please limit sections, except the CV, to two pages.

Full Job Opening Ad can be found [here](#).

**Does your program or department have an open position that you'd like to announce in the next ASEE LEAD newsletter? Are you an ASEE LEAD Division member? ASEE will post all positions requested by ASEE members (for engineering leadership development related positions and others) and all engineering leadership development-related positions (even if requested by someone not a member of ASEE LEAD). Complete this short [Open Position Announcement JOTFORM](#) so we can get the open position posted in the next ASEE LEAD newsletter! Open position announcements will run as long as the position is open and your institution is accepting applications.