

LEAD

April 2023 Newsletter from ASEE LEAD Division

In the April 2023 Edition of the ASEE LEAD Division Newsletter you will find:

- **ASEE 2023 Conference News – LEAD Division**
 - **ASEE 2023 Annual Conference**
 - General Information
 - Paper Revisions – Due April 14, 2023
 - Division Social Updates
 - Business Meeting Updates
- **ASEE LEAD Officer Elections and Nominations – 2023 to 2024**
- **ASEE LEAD LinkedIn**
- **LEAD Divisions – Cheers and Congratulations**
- **Division Paper Spotlights**
- **Engineering Leadership Development Program Spotlights**
- **Open Position Announcements**

(Use the hyperlinks to jump to your section of interest)

ASEE LEAD Division 2023 Annual Conference News

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](#).

General Information for Sessions

The ASEE LEAD Division is thrilled to be able to see everyone again this year and we are looking forward to hearing about the amazing work being done in Engineering Leadership Development programs! We have an exciting list of sessions and events and we hope to see you all there.

- **Important Deadlines:**
 - April 14 – Draft Revisions Due
 - May 1-
 - Upload Final Papers without Anonymous Markers
 - Last day for Early Bird Conference Registration
- The LEAD Division has requested the following for sessions:
 - 2 Technical Sessions
 - 1 Special Session: “Engineering Leadership and Cultural Change”
 - 1 Panel Session: “Bringing Engineering Leadership Pedagogy to Life”
- LEAD Division ASEE Events:
 - Social:
 - **Good news! Social tickets are now open for sale.** We have been informed by ASEE that members need to be logged in and registered for the “add ticket” item to be ready to access the direct link. [M755 LEAD Division Social American Society for Engineering Education \(asee.org\)](#) Tickets are \$20. We will leave the ticketing link open until we reach the maximum capacity for the venue, so please secure your tickets soon.
 - Sponsored By: California State Polytechnic University, Pomona
 - Date / Time: Monday, June 26 – 6PM to 8PM
 - Location: Pratt Ale House
 - Space is limited (up to 50 guests)
 - Business Meeting:
 - Tuesday, June 27 – 3:15PM
 - Tentative Agenda:
 - Division Updates
 - Updates from Executive Board
 - Update from PIC Chair
 - Elections. For open seats, ASEE LEAD Division Executive Board – Open Seat Nominations

ASEE LEAD Officer Elections and Nominations – 2023 to 2024

The ASEE LEAD Division has several positions available for the next academic year. Elections will be held in person at the ASEE LEAD Business Meeting on Tuesday, June 27. The meeting begins at 3:15 PM, but elections will be one of the last items on the agenda. Anyone interested in voting or running in the election should plan to attend.

Information on each of the open chair positions and the responsibilities of each should refer to the current [ASEE LEAD Division bylaws](#).

If you'd like to nominate someone (including yourself) for any open position in ASEE LEAD, please complete [this form](#) by 11:59 PM (ET) Sunday, June 25. Nominations will be able to be received after this date / time at the ASEE LEAD Division annual business meeting. If completing the online form, be ready to enter the nominee's name, email address, current institution and title.

Open Executive Board Positions for 2023-2024:

1. Program Chair – Elect (Program Co-Chair)
 - a. 1 year term
 - b. Must have held an ASEE LEAD Executive Board Position previously
2. Secretary
 - a. 1 year term
3. Treasurer
 - a. 2 year term
4. Membership and Nominating Chair
 - a. 2 year term

****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 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**

****Would you like to have yours or someone else's accomplishment(s) to be highlighted in the next ASEE LEAD newsletter? If so, email your kudos to Liz Melvin at lizmelvin@lsu.edu. Be sure to include the name, institution, and title of the person you are congratulating and why you are congratulating them.**

Division Paper Spotlights

****Would you like to have your recent publication to be highlighted in the next ASEE LEAD newsletter? If so, email your kudos to Liz Melvin at lizmelvin@lsu.edu. Be sure to include the**

name, institution, and title of the person who is lead or corresponding author, as well as the title and publication information of the paper.

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, email your kudos to Liz Melvin at lizmelvin@lsu.edu. Be sure to include the name of the program, institution, and why you would like them to be in the spotlight.

Open Position Announcements

Assistant Professor, Teaching Stream – Contractually Limited Term Appointment – Engineering Team Skills

Application Close Date = April 11

Position Description:

The Institute for Studies in Transdisciplinary Engineering Education and Practice (ISTEP) in the Faculty of Applied Science and Engineering (FASE) at the University of Toronto invites applications for a three-year Contractually Limited Term Appointment (CLTA) in the field of Engineering Team Skills. The appointment will be at the rank of Assistant Professor, Teaching Stream, with an expected start date of July 1, 2023, or shortly thereafter, and an end date of June 31, 2026.

The successful candidate will be expected to teach concepts and applications of leadership in engineering classes principally in the undergraduate program. They will be expected to contribute to supporting the core engineering curriculum by enhancing students' experience of and capability for working in teams and groups and their development as job-ready professionals. This will include maintaining an integrative approach to curriculum delivery across FASE's undergraduate and graduate engineering degrees.

Evidence of excellence in teaching and commitment to excellent pedagogical inquiry will be demonstrated through teaching accomplishments, a teaching dossier (with required materials outlined below), awards and accolades, and presentations at significant conferences; as well as strong letters of reference from referees of high standing familiar with relevant aspects of the applicant's work.

Equity, diversity, and inclusion (EDI) are essential to academic excellence and to the success of our department. Evidence of a commitment to EDI will be demonstrated by a statement describing views, experiences and/or plans furthering EDI via student mentorship, pedagogy, outreach, and/or other activities.

The Institute for Studies in Transdisciplinary Engineering Education & Practice (ISTEP) is U of T Engineering's newest extra-departmental unit and the first institute of its kind in Canada. Bringing together teaching and scholarship in education, entrepreneurship, leadership, and communication, ISTEP seeks to lead in teaching and research on transdisciplinary competencies. Founded in 2010, Troost ILead offers curricular and co-

curricular, undergraduate and graduate programming and corporate training related to Engineering leadership.

Salary is commensurate with qualifications and experience.

Position Requirements:

ISTEP seeks applications from individuals with demonstrated excellence in leadership pedagogy and design teamwork, preferably in an engineering context. Applicants must have a demonstrated record of excellence in teaching and experience teaching within an engineering or science program. They will have a PhD in engineering, education, or a related field, by the time of appointment or shortly thereafter, or a Master's degree at the time of application in one of these or related fields alongside extensive teaching experience (5+ years minimum). We seek candidates whose teaching interests complement and enhance the existing strengths in instructing engineering teamwork of ISTEP, and more particularly, the Troost Institute for Leadership Education in Engineering (Troost ILead).

Application Instructions:

All qualified candidates are invited to apply online via the link below. Application materials must include the following components: a cover letter outlining suitability to teach at the undergraduate level; a detailed curriculum vitae; a complete teaching dossier including a strong teaching statement, a statement of leadership philosophy, sample syllabi and course materials, and teaching evaluations; and an EDI statement.

Applicants must also provide the name and contact information of three references. The University of Toronto's recruiting tool will automatically solicit and collect letters of reference from each once an application is submitted (this happens overnight). Applicants remain responsible for ensuring that references submit letters (on letterhead, dated and signed) by the closing date. At least one reference letter must primarily address the candidate's teaching. More details on the automatic reference letter collection, including timelines, are available in the [FAQs](#).

Submission guidelines can be found at <http://uoft.me/how-to-apply>. Your CV and cover letter should be uploaded into the dedicated fields. Please combine additional application materials into one or two files in PDF/MS Word format. If you have any questions about this position, please contact istep@utoronto.ca

All application materials, **including reference letters**, must be received by the closing date of April 11, 2023.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Program Director, Graduate Engineering Leadership Program (GradEL) – Massachusetts Institute of Technology

Position Description:

PROGRAM DIRECTOR, [Riccio Graduate Engineering Leadership Program \(GradEL\)](#), to lead the operations and administration of the overall GradEL program. Will plan, manage, execute, expand, and fundraise for the program; lead expansion of an existing graduate certificate program in engineering leadership with new academic graduate classes; develop and implement the Industry Projects Program; set and implement strategy for administration, finance, fundraising, compliance, marketing, communications, outreach, and strategic planning; manage staff and contract external consultants; allocate financial, technical, and personnel resources; develop and manage relationships with external stakeholders; ensure the tracking of key program metrics; prepare program documentation and reporting; collaborate with the [Gordon Engineering Leadership \(GEL\) Program](#), [Communication Lab](#), and programs in [Technical Leadership and Communication \(TLC\)](#); and develop scalable resources for the graduate community.

Position Requirements:

REQUIRED: seven years of experience in operations or program management; bachelor's degree in engineering or management field; experience in industry settings and in an engineering or engineering-coupled context; initiative; flexibility; ability to listen carefully, communicate tactfully, and engage in teamwork; proficiency with MS Office; and discretion and judgment with confidential information/issues. **PREFERRED:** master's or doctoral degree in an engineering or management/administration field; experience developing and overseeing graduate-level academic courses and activities; experience with marketing and communication strategy, programs and events, and fundraising; familiarity with corporate relations, recruiting, or other hiring processes; and experience with MIT systems and SAP. **Job #22475-12**

Must be able to work occasional evening and weekend hours. Some domestic travel will also be required.

Application Instructions:

Apply via the MIT website: <https://gelp.mit.edu/jobs> (Job #22475-12)

Engineering Leadership Lecturer, Graduate Engineering Leadership Program (GradEL) – Massachusetts Institute of Technology

Position Description:

ENGINEERING LEADERSHIP LECTURER, [Graduate Engineering Leadership Program \(GradEL\)](#), to create, deliver, and co-deliver new and existing graduate academic classes. Will develop an intense, “boot camp” style class on the topic of Industrial Product Development, targeting doctoral and master's engineering students during January's Independent Academic Period; work with senior program manager to create

and implement a new graduate student “externship” program and co-teach/teach existing graduate classes on negotiations and teamwork and others in future; and teach workshops during each semester as part of the graduate certificate program and teach summer professional education course. Class delivery involves teaching, assessing, grading, coaching, and advising students. Will work with GRADEL’s staff and teaching assistants in planning and updating classes and perform additional duties as assigned.

A full job description is available at <https://gelp.mit.edu/jobs> (Job #22168)

The ideal starting date is no later than January 1, 2023. Initial appointment is until May 2024 and renewable annually if mutually agreeable.

Position Requirements:

REQUIRED: master’s degree and subject matter expertise aligning with course topics; four years of relevant teaching experience; experience teaching relevant graduate-level engineering courses and designing and delivering hands-on learning experiences; an interest in working constructively with all facets of the program; and able to coach students with interdisciplinary interests. **PREFERRED:** experience as an engineer or engineering leadership practitioner and developing new graduate-level engineering leadership curriculum.

Application Instructions:

In addition to applying via the MIT website (<https://gelp.mit.edu/jobs> (Job #22168)), please send a resume/CV, application letter, contact information for at least three references, and a sample syllabus in PDF format to gradel@mit.edu. Applications will be reviewed as they arrive.

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 (rshehab@ou.edu).

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

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

Position 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/ee/>) 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). Email Liz Melvin at lizmelvin@lsu.edu 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.