

## HOW TO PLACE AN AD

### PLACING AN AD

Prism welcomes classified ads for open position in academe, industry, or government; positions wanted; and short courses, seminars, meetings, and conferences. Using the same process and for the same price, you also may publish a congratulatory ad to honor institutional or individual achievements, or publish an In Memoriam obituary for a colleague. You may submit your ad electronically or send it via e-mail to get a price quote. If you decide to submit your ad electronically, you will first have to create an account with ASEE, and it's free. Price quotes and confirming e-mails include the monthly cost of your ad, though you may want to run your ad consecutively when choosing preferred publication month(s). If you have a question regarding this policy, please feel free to contact the advertising manager.

### RATES

Standard ads appear in single-column format and are charged at \$3.25 per word (member price) and \$3.50 (non-member price).

Display ads are set in larger type, have enclosed borders, and may also include logos. Black-and-white logos are free, and we ask that you send your logo in a separate file from your ad text. Your logo must appear in either JPEG or TIF high-resolution format at 300 dpi.

Please contact Paula Whitley, Classified Advertising Manager, at (202) 331-3528 for display dimensions and ad prices, or visit the classified advertising website at:

<http://www.asee.org/sales-and-marketing/advertising/classified-advertising/how-to-place-an-ad>

### ADS CAN BE SENT VIA

Web:

[www.asee.org/addaclassified](http://www.asee.org/addaclassified)

E-mail:

[p.whitley@asee.org](mailto:p.whitley@asee.org) or [classifieds@asee.org](mailto:classifieds@asee.org)

Mail:

ASEE PRISM  
1818 N Street, NW, Suite 600  
Washington, DC 20036

### JOB BANK

Ads are accessible to the public once you give us approval to post them. The URL to access the classifieds ads is:

<http://www.asee.org/sales-and-marketing/advertising/classified-advertising/job-postings>

### METHODS OF PAYMENT

We accept purchase orders, checks, and credit cards (Visa or MasterCard) as methods of payment. If you submit your ad by e-mail, please include your contact information, which includes a contact person, billing address, phone number, and fax number. Ads, including those running in consecutive issues, are billed monthly unless your credit card payment or purchase order is generated to cover the total cost of your ad appearing in your chosen issues.

### CLASSIFIED ADVERTISING DEADLINE for the November 2019 issue October 18, 2019

Deadline dates are subject to change and are posted on the web. Please see <http://www.asee.org/sales-and-marketing/advertising/classified-advertising/deadlines> for updates.

## FACULTY POSITIONS

### TENURE/TENURE-TRACK

### ELECTRICAL AND COMPUTER ENGINEERING

#### Multiple Positions

Baylor University seeks to fill the following two faculty positions within the electrical and computer engineering department: (i) tenure/tenure-track associate/full professor and (ii) clinical assistant/associate professor. For tenured/tenure-track faculty, applicants must possess an earned doctorate and an active research agenda in the area of wireless and microwave circuits and systems. For clinical faculty, applicants must possess an earned masters or doctorate degree, extensive industry experience, and demonstrate the potential for excellent teaching. The ECE department offers B.S., M.S., M.E., and Ph.D. degrees, and is rapidly expanding its faculty size, with current focus areas in wireless and microwave, biomedical, computer, cyber-physical, materials, and sustainable energy engineering. Facilities include the Baylor Research and Innovation Collaborative (BRIC), a newly established research park minutes from the main campus.

Applications will be considered on a rolling basis until the January 1, 2020 deadline. Applications must include:

1. A letter of interest that identifies the applicant's anticipated rank
2. A complete CV
3. A concise statement of research agenda (tenure-track only)
4. A concise statement of teaching interests
5. The names and contact information for at least four professional references

Additional information is available at [www.ecs.baylor.edu](http://www.ecs.baylor.edu). Should you have any questions on the position, feel free to contact the search chair, Dr. Keith Schubert at [keith\\_schubert@baylor.edu](mailto:keith_schubert@baylor.edu). Materials will be submitted through Interfolio. For a direct link to the application portal, please go to [jobs.baylor.edu](http://jobs.baylor.edu).

Baylor University is a private Christian university and a nationally ranked research institution, consistently listed with highest honors among The Chronicle of Higher Education's "Great Colleges to Work For." The university is recruiting new faculty with a deep commitment to excellence in teaching, research, and scholarship. Baylor seeks faculty who share in our aspiration to become a tier-one research institution while strengthening our distinctive Christian mission as described in our strategic vision, Pro Futuris, ([www.baylor.edu/profuturis/](http://www.baylor.edu/profuturis/)) and academic strategic plan, Illuminate ([baylor.edu/illuminate](http://baylor.edu/illuminate)). As the world's largest Baptist university, Baylor offers more than 40 doctoral programs and has more than 17,000 students from all 50 states and more than 85 countries.

Baylor University is a private not-for-profit university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Opportunity employer, Baylor is committed to compliance with all applicable antidiscrimination laws, including those regarding age, race, color, sex, national origin, marital status, pregnancy status, military service, genetic information, and disability. As a religious educational institution, Baylor is lawfully permitted to consider an applicant's religion as a selection criterion. Baylor encourages candidates of the Christian faith who are women, minorities, veterans, and individuals with disabilities to apply.

### ENGINEERING

#### Multiple Positions

The department of engineering at Saint Vincent College invites applications for multiple full-time, tenure-track assistant professor positions beginning in August 2020.

Saint Vincent College offers a bachelor's of science program in engineering and a 3:2 program in engineering. Successful candidates will teach courses supporting both engineering programs, supervise student projects, advise engineering majors, and maintain an active program of scholarship. A Ph.D. in engineering and excellent communication skills are required. To ensure full consideration, a complete application should be received by October 15, 2019. More information can be found at: <http://www.stvincent.edu/about/work-for-svc>.

### ENGINEERING EDUCATION

The School of Engineering Education (ENE) within the College of Engineering at Purdue University invites applications for the Dale and Suzi Gallagher Professorship in Engineering Education. The school is a vibrant and growing community of scholars who envision ways of transforming engineering education based on scholarship and research. Our programs include first-year engineering (2,500 students and growing), an accredited undergraduate program in multidisciplinary engineering, an undergraduate interdisciplinary engineering studies program, and a Ph.D. program in engineering education. The research interests of our faculty are very diverse and span aspects of engineering education from pre-kindergarten through college and into engineering practice. We are home to the INSPIRE Research Institute for Pre-College Engineering and a wide range of labs and research programs focused on improving student learning and assessment; enhancing diversity, inclusion, equity, and social justice; developing tools, methods, and theories for engineering education research; and translating research into transformative educational practice with system-scale change. Emerging opportunities include learning in industry, online learning, and engineering ethics education. More information can be found here: <https://engineering.purdue.edu/ENE>.

Applicants must hold an earned doctorate in engineering, education, or a related discipline and have recognized expertise in engineering education research. They must be qualified for

tenure as a full professor in the College of Engineering at Purdue. We seek individuals with an outstanding record of achievement and mentoring, a clearly articulated vision of the current needs and future directions of engineering education, and the ability to provide leadership in discovery, learning, and engagement in pursuit of that vision.

The successful candidate will have a demonstrated commitment to diversity, inclusion, and interdisciplinarity, as well as a dedication to the well-being and advancement of students, colleagues, the school, and the discipline of engineering education. They will also have excellent communication and collaboration skills and will be able to provide leadership, assisting the administration in mentoring faculty and in further development of the school, including refining its strategic direction and providing support in executing the strategic plan (<https://engineering.purdue.edu/ENE/AboutUs/StratPlan>). They will be expected to be able to teach in our undergraduate programs, including first-year engineering, and our graduate program, while developing or enhancing a nationally recognized, externally funded research program in engineering education.

The school is an integral part of Purdue's College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation (8th for graduate programs and 9th for undergraduate per USWNR, 2019) and renowned for top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The college goal of "pinnacle of excellence at scale" is guiding strategic growth in new directions, by investing in people, exciting initiatives, and facilities.

Purdue and the College of Engineering have a concierge program that provides dual career assistance and relocation services.

Submit application at: [https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=6969&company=purdueuniv&userna](https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=6969&company=purdueuniv&username=) me=. Include a cover letter; curriculum vitae; personal statement covering research, teaching, career objectives, and a vision for the field; and a list of three references. For information or questions regarding the position, contact the search committee chair, Audeen Fentiman, at [fentiman@purdue.edu](mailto:fentiman@purdue.edu). For technical issues with the application process, contact the office of academic affairs, College of Engineering, at [coeacademicaffairs@purdue.edu](mailto:coeacademicaffairs@purdue.edu). Review of applications will begin on November 1, 2019, and will continue until the position is filled. A background check is required for employment in this position.

Purdue is an ADVANCE institution <http://www.purdue.edu/advance-purdue/>. Purdue University's School of Engineering Education is committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates should explicitly address at least one of these areas in their application, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion. The university's nondiscrimination policy is available here: [http://www.purdue.edu/purdue/ea\\_eou\\_statement.html](http://www.purdue.edu/purdue/ea_eou_statement.html).

Greater Lafayette Indiana is home to Purdue University and is one of the fastest growing communities in the Midwest. Subaru of Indiana Automotive, Caterpillar, Dow AgroSciences, Rolls-Royce, GE Aviation, Schweitzer Engineering Laboratories, Wabash National, Saab Global Defense and Security Company, high-tech firms, and small businesses all call Greater Lafayette their home. Conveniently located between Chicago and Indianapolis, Greater Lafayette is also near several other major metropolitan cities. Visit Lafayette-West Lafayette and Greater Lafayette Commerce are resources that highlight our great community.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

### ENGINEERING EDUCATION

The School of Engineering Education (ENE) within the College of Engineering at Purdue University invites applications for a tenure-track position at the rank of assistant or associate professor. The school seeks to attract exceptional candidates with interests and expertise in engineering education research focused on any level from pre-kindergarten through college and into engineering practice. Commensurate with rank, new faculty will be expected to develop (or continue to build) a nationally or internationally recognized, externally funded research program in engineering education, advise graduate students, teach graduate courses on campus and online, teach undergraduate-level courses—including in first-year engineering, multidisciplinary engineering, or interdisciplinary engineering studies programs—and perform service at the school, college, university, and professional society levels.

Successful candidates must hold a Ph.D. degree or equivalent in engineering, education, or a related discipline at the time of position start and demonstrate excellent potential to build an independent research program at the forefront of their field, as well as the potential to educate and mentor students. Commensurate with rank, successful candidates will have established themselves in a field of research congruent with the mission and goals of the school or will have demonstrated the potential to do so. Successful candidates will have demonstrated a commitment to collaboration and interdisciplinarity, as well as diversity and inclusion.

The School of Engineering Education at Purdue University has experienced significant growth in the past decade and has a strong faculty core engaged in many areas of engineering education as well as in significant interdisciplinary efforts across campus, with other academic institutions across the nation and internationally, with non-profits, and with industrial partners. For a detailed description of research activities, see <https://engineering.purdue.edu/ENE>.

The school is an integral part of Purdue's College of Engineering. Purdue Engineering is one of the largest and top-ranked engineering colleges in the nation (8th for graduate programs and 9th for undergraduate per USWNR, 2019) and renowned for

top-notch faculty, students, unique research facilities, and a culture of collegiality and excellence. The college's goal of "pinnacle of excellence at scale" is guiding strategic growth in new directions by investing in people, exciting initiatives, and facilities.

Purdue and the College of Engineering have a concierge program that provides dual career assistance and relocation services.

Please submit application at: <https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=6941&company=purdueuniv&username=>. Include a brief cover letter, curriculum vitae, teaching philosophy and plans for teaching at the undergraduate and graduate levels, research agenda including funding possibilities, and names, titles, and contact information for three references. Candidates may be "all but dissertation" (ABD) at the time of application but shall have their doctoral dissertation deposited before the start of the contract. For information or questions regarding the position, contact the search committee chair, Audeen Fentiman, at [fentiman@purdue.edu](mailto:fentiman@purdue.edu). For technical issues with the application process, contact the office of academic affairs, College of Engineering, at [coeacademicaffairs@purdue.edu](mailto:coeacademicaffairs@purdue.edu). Review of applications will begin on November 1, 2019, and will continue until the position is filled. A background check is required for employment in this position.

Purdue is an ADVANCE institution <http://www.purdue.edu/advance-purdue/>. Purdue University's School of Engineering Education is committed to advancing diversity in all areas of faculty effort, including discovery, instruction, and engagement. Candidates should explicitly address at least one of these areas in their application, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion. The university's nondiscrimination policy is available here: [https://www.purdue.edu/purdue/ea\\_eou\\_statement.php](https://www.purdue.edu/purdue/ea_eou_statement.php).

Greater Lafayette, Indiana is home to Purdue University and is one of the fastest growing communities in the Midwest. Subaru of Indiana Automotive, Caterpillar, Dow AgroSciences, Rolls-Royce, GE Aviation, Schweitzer Engineering Laboratories, Wabash National, Saab Global Defense and Security Company, high tech firms and small businesses all call Greater Lafayette their home. Conveniently located between Chicago and Indianapolis, Greater Lafayette is also near several other major metropolitan cities. Visit Lafayette-West Lafayette and Greater Lafayette Commerce are resources that highlight our great community.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.

### MECHANICAL ENGINEERING

Colorado State University (CSU) is seeking a tenure-track assistant/associate professor of energy in Fort Collins, CO. Candidates with research and teaching expertise in energy applications and related mechanical engineering areas are sought to strengthen current departmental research and teaching activities. For full posting and more information, including how to apply, visit <http://jobs.colostate.edu/postings/70120>. CSU is an EOE/EA/AA employer and conducts background checks on all final candidates.

### MECHANICAL AND MANUFACTURING ENGINEERING

#### Multiple Positions

The department of mechanical and manufacturing engineering at Miami University (Oxford, OH) is seeking applicants for two tenure-track assistant/associate professor positions for its growing engineering programs. Successful candidates will teach undergraduate and master's level students, advise students, maintain an active research agenda, and provide service to the department and university. Appointments will begin fall 2020.

The positions require a Ph.D. in mechanical engineering, mechatronics, electrical engineering, or a closely related field by date of appointment. ABDs may apply, but the doctorate must be completed by the date of appointment.

Consideration may be given to candidates with research activities in: i) robotics (human-robot interactions, kinematics and controls, learning, medical applications, etc.); and ii) automation (sensors and instrumentation, networked multi-agent systems, manufacturing systems, etc.). Teaching experience, industrial and/or post-doctoral appointments, or a record of grant funding and scholarly publications will also be considered.

To be appointed to the rank of associate professor requires an established record of high-quality teaching and research.

Miami University, located 35 miles north of Cincinnati, has 16,000 undergraduate and 2,500 graduate students. U.S. News & World Report has ranked Miami second in the nation for a "Strong Commitment to Undergraduate Teaching." PayScale.com has ranked Miami first in Ohio and 42nd nationally for midcareer salary potential among state universities. Miami is recognized as a top value in higher education by Forbes magazine and included in Kiplinger's annual list of "100 Best Values in Public Colleges."

To apply, visit <http://jobs.miamioh.edu/cw/en-us/job/495738/assistantassociate-professor>. Applications should include a cover letter, curriculum vitae, statement of teaching philosophy, statement of research experience and plans, and three letters of recommendation. Screening of applicants begins October 1, 2019 and will continue until the position is filled. Questions can be

addressed to the chair of the search committee, Dr. Fazeel Khan, at [khanfj@miamioh.edu](mailto:khanfj@miamioh.edu).

Miami University, an EOE/AA employer, encourages applications from minorities, women, protected veterans, and individuals with disabilities. Miami does not permit, and takes action to prevent, harassment, discrimination, and retaliation. Requests for reasonable accommodations for disabilities related to employment should be directed to [ADAFacultyStaff@miamioh.edu](mailto:ADAFacultyStaff@miamioh.edu) or 513-529-3560. Annual Security and Fire Safety Report may be found at: <http://www.miamioh.edu/campus-safety/annual-report/index.html>. Criminal background check required. All campuses are smoke- and tobacco-free.

#### NON-TENURE TRACK

### CIVIL & ENVIRONMENTAL ENGINEERING

The department of civil and environmental engineering at the University of California, Merced invites applications for a qualified assistant teaching professor to coordinate and teach courses in civil engineering, including core courses such as structural analysis/green buildings, design and lab courses in sustainable structures, and engineering fundamentals (i.e. statics and dynamics, strengths of materials, and engineering economics) beginning in the 2020-21 academic year. Candidates are expected to have a Ph.D. degree in civil engineering or a related field by the start date. Preferred candidates will have at least two years of prior instructor experience.

Details and application information can be found at <https://aprecruit.ucmerced.edu/JPF00854>. Full consideration will be given to applications received by October 31, 2019. Applications will continue to be accepted until the position is filled. For inquiries and questions, please contact Professor Robert Rice at [rrice@ucmerced.edu](mailto:rrice@ucmerced.edu).

## ADMINISTRATION POSITIONS

### COMPUTER SCIENCE AND SOFTWARE ENGINEERING

The University of Wisconsin-Platteville's College of Engineering, Mathematics, and Science (EMS) seeks a chair of the Computer Science and Software Engineering (CSSE) department.

This is an opportunity for a visionary leader. We are pursuing exceptional candidates with proven leadership experience and demonstrated commitment to excellence in undergraduate education. The CSSE department is student-focused and known for its hands-on, experiential approach and highly sought-after graduates.

Tenured faculty position - start date of August 1, 2020. [Careers.uwplatt.edu](http://careers.uwplatt.edu).



## Faculty Position in Engineering Science and Mechanics and the Materials Research Institute

The Department of Engineering Science and Mechanics (ESM) at The Pennsylvania State University seeks applicants for a tenure-track/tenured faculty position in the area of advanced scanning/transmission electron microscopy (S/TEM). All academic ranks will be considered. Candidates who enrich our diversity are strongly encouraged to apply. Engineering Science fosters a highly interdisciplinary environment, promoting collaborations across the engineering disciplines, materials sciences, mechanics, chemistry, physics, mathematics, and biological sciences.

The successful candidate will have demonstrated expertise in advanced S/TEM with interests/applications in exploring new physics, materials science, physical/chemical processes, and the convergence of the materials and life Sciences. Areas of special interest include in-situ/environmental operando techniques; materials for quantum optics/computing; 2D materials; chemical catalysis; electrochemical charging; crystalline growth; phase transitions; and mechanical behavior. Candidates will have access to Penn State's cutting-edge microscopes (Titan3 G2, Talos F200X, and the FEI Titan Krios cryo-TEM) in the Materials Research Institute and the Huck Institutes of the Life Sciences.

The successful applicant will be expected to teach undergraduate and graduate courses in ESM and offer new courses in the area of his/her expertise. Additional information about the position and department can be found at <http://www.esm.psu.edu>. Required qualifications include a Ph.D. in an engineering science-related discipline, and track record of accomplishments in both research and teaching. Nominations and applications will be screened immediately and considered until the position is filled.

Nominations and applications will be considered until the position is filled.

Screening of applicants will begin immediately. Expected start date is August 2020.

Applicants should submit the following documents:

1. Cover letter
2. Curriculum vitae
3. statements on contributions and plans on (a) research, (b) teaching, and (c) diversity and inclusion
4. Three relevant publications
5. Names and addresses of four references

Please submit these items electronically in one PDF file to job 90522 at <https://aptrkr.com/1604153>

Inquiries should be addressed to [ESMTEMSearchCommittee@esm.psu.edu](mailto:ESMTEMSearchCommittee@esm.psu.edu)

**CAMPUS SECURITY CRIME STATISTICS:** For more about safety at Penn State, and to review the Annual Security Report which contains information about crime statistics and other safety and security matters, please go to <http://www.police.psu.edu/clery/>, which will also provide you with detail on how to request a hard copy of the Annual Security Report.

*Penn State is an equal opportunity, affirmative action employer, and is committed to providing employment opportunities to all qualified applicants without regard to race, color, religion, age, sex, sexual orientation, gender identity, national origin, disability or protected veteran status.*