

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

E-mail:

p.whitley@asee.org or 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 February 2019 issue, January 18, 2019 & for the March/April 2019 issue, February 22, 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

GENERAL ENGINEERING

Professor of Engineering (level commensurate with experience) position available in the Vogel School of Engineering at Bryan College. The position requires academic excellence in the areas of teaching, scholarship, and service, with emphasis on teaching. Bryan College currently offers a bachelor of science in engineering degree with concentration options in civil and mechanical engineering. The Vogel School of Engineering opened in the fall of 2018 with a freshman class of 25 students. Enrollment is projected to increase yearly as the program develops. State-of-the-art classroom and laboratory facilities are currently being constructed to accommodate the near-term program build-out to 120 students.

Most importantly, the new faculty will share and promote a Christian worldview consistent with the Bryan College Statement of Belief and Community Life Standards. In particular, the ideal candidate will share and promote the Vogel School of Engineering Purpose Statement:

The purpose of the Vogel School of Engineering at Bryan College is to equip engineering graduates to go out into the world as Ambassadors of Christ, Biblically rooted, with academic excellence and servant hearts to fulfill God's Creation Mandate.

Missional engineering is the hallmark focus of the Bryan College Vogel School of Engineering. Engineering faculty are expected to embrace the concept of spreading the gospel through the profession of engineering.

QUALIFICATIONS:

- An earned terminal degree in mechanical engineering or related field
- Teaching experience at the undergraduate level
- U.S. citizenship or permanent authorization to work in the U.S.

DUTIES AND RESPONSIBILITIES:

- Working in a team environment to formulate and implement policies and procedures for the Vogel School of Engineering informed by a Christian perspective.
- Developing and teaching courses and laboratory modules relating to general engineering classes, including: statics, dynamics, strength of materials, fluid mechanics, thermodynamics, and heat transfer, as well as mechanical engineering concentration classes including: machine design, manufacturing engineering, kinematics and robotics, mechanical vibration, quality engineering, and other courses as needed.
- Administration and oversight of laboratory and makerspace facilities, including specification, purchasing and O&M of equipment, maintaining compliance with all regulatory requirements, and developing and implementing policies and procedures relating to the use of the laboratory and makerspace facilities.



School of Engineering

CHEMICAL ENGINEERING

The School of Engineering at Campbell University (<http://www.campbell.edu/engineering/>, <http://www.campbell.edu/about/history-quick-facts/>) seeks an engineering faculty member for a full-time, tenure-track position at the rank of assistant, associate, or full professor, starting in January 2019. This position in chemical engineering is focused on teaching our junior and senior courses in chemical engineering, as well as assisting with the senior design sequence. Campbell's B.S. in engineering (with concentrations in mechanical engineering, chemical engineering, and electrical engineering) welcomed its inaugural first-year class in fall 2016. These positions present faculty with a unique opportunity to provide leadership in building an innovative engineering program and the prominence of the new school and university.

Responsibilities

Duties will include: Develop, implement, and teach project-based engineering curricula; actively participate in the scholarship of teaching and learning; engage in student advising, student organizations, assessment, accreditation activities, and committee responsibilities. Applicants should be interested in contributing leadership toward the development of the engineering program. Candidates must be committed to innovative engineering undergraduate education; dedicated to excellence in undergraduate teaching, mentoring students, and scholarship; and committed to the university's mission.

Qualifications

Candidates are required to have a Ph.D. in chemical engineering or a closely related engineering discipline from an accredited institution of higher education; experience developing and teaching project-based engineering curricula; and knowledge of the current practices and research pertaining to innovative undergraduate engineering curricula.

Applications

Interested applicants should apply online at <http://www.campbell.edu/about/employment/> and include a cover letter of introduction, a curriculum vita, and contact information for five professional references. Questions may be directed to Dr. Jenna Carpenter, Dean, School of Engineering [carpenter@campbell.edu].

Campbell University maintains a continuing policy of nondiscrimination in employment. It is our policy to provide equal opportunity in all phases of the employment process and in compliance with applicable federal, state, and local laws and regulations. Accordingly, the university is committed to administering all educational and employment activities without discrimination as to race, color, sex, sexual orientation, gender identity, age, ethnicity or national origin, religion, disability, genetic information, protected veteran status, and any other characteristic protected by law, except where appropriate and authorized by law.

EEO/AA/Minorities/Females/Disabled/Protected Veterans

- Scholarship in the form of research, publications, and presentations.
- Serving as faculty advisor for student clubs.
- Developing a departmental budget for equipment and supplies.
- Serving as a spiritual mentor and advising students academically and professionally.
- Oversight of accreditation activities including identifying and implementing SACS and ABET requirements.
- Recruitment of students.
- Developing connections and serving as liaison with industrial partners.
- Serving as Vogel School of Engineering representative in the community.
- Other duties as required.

APPLICANTS please fill out our online application and submit the following:

Review our mission and standards of conduct, and include a brief statement of faith, your vitae and a cover letter describing interest in the position, research interests, and qualifications for the position.

<https://www.bryan.edu/employment/professor-of-mechanical-engineering/>

MECHANICAL ENGINEERING

Multiple Positions

Angelo State University has both tenured and tenure track faculty positions open. Full job descriptions and applications at <https://tinyurl.com/yebaodsv>. Contact engineering@angelo.edu or 325-942-2483 for more information.

TENURE/TENURE-TRACK

BIOMEDICAL ENGINEERING

George Fox University in Newberg, Oregon, announces a tenure-track faculty position in biomedical engineering to begin in August 2019. We seek applicants with the ability to teach in a broad range of undergraduate biomedical engineering courses, giving priority to candidates with expertise in one or more of the following specializations: biomechanics, rehabilitation engineering, biosignal analysis, medical imaging, and/or design of medical devices. Applicants with a Ph.D. who are committed to undergraduate teaching in a Christian environment should visit jobs.georgefox.edu or contact Dr. Robert Harder, Dean, College of Engineering, or amcconaughey@georgefox.edu, 503-554-2780.

UNIVERSITY OF PITTSBURGH | SWANSON SCHOOL OF ENGINEERING

Assistant Professor – Non-tenure Stream

The Department of Industrial Engineering, at the University of Pittsburgh in the Swanson School of Engineering invites applications for a non-tenure stream Assistant Professor position. Applicants should have a strong interest in teaching a variety of core industrial engineering topics. Applicants must hold a PhD in Industrial Engineering or closely related field. Salary will be competitive and commensurate with experience.

The successful candidate must have outstanding teaching abilities that complement and enhance the teaching and research mission of the Swanson School. The individual will be expected to prepare and teach courses in multiple core IE areas within the program at both the undergraduate and graduate levels. The faculty will also be responsible for advising students and collaborating with industry partners to ensure relevance of the curriculum.

Applications will be reviewed until the position is filled, however **to ensure full consideration, candidates should apply before January 31, 2019.** Applicants should e-mail (1) a cover letter, (2) a curriculum vitae, (3) a statement of teaching interests

and qualifications, including evidence of teaching abilities, and (4) a list of at least three professional references to **facultysearch2018@ie.pitt.edu**. *Be sure to indicate "Applicant for non-tenure stream position" in the subject line of your e-mail.*

The Department of Industrial Engineering is home to 20 full-time faculty members with an outstanding reputation in a wide variety of research areas. The department maintains vibrant programs at the undergraduate, masters and doctoral levels; offers excellent laboratory facilities; and benefits from numerous contacts with regional and national corporations. Additional information about the department can be found at <https://www.engineering.pitt.edu/industrial/>.

Candidates from groups traditionally underrepresented in engineering are strongly encouraged to apply. The candidate should be committed to high-quality teaching for a diverse student body and to assisting our department in enhancing diversity.



The University of Pittsburgh is an EEO/AA/M/F/Vets/Disabled Employer.

UMassAmherst

Lecturer of Computer Engineering

The Department of Electrical and Computer Engineering invites applications for a 12-month, non-tenure track lecturer position in the area of Computer Engineering to start September 2019. The successful candidate will teach computer engineering undergraduate and graduate classes including computer hardware, computer software and computer systems such as data structures, embedded systems, computer architecture, computer networks, and operating systems.

Other Functions:

- Teach undergraduate and graduate courses in computer engineering.
- Advise undergraduate students, senior design projects and non-thesis graduate projects.
- Teach non-residential courses such as in the M.S. Field Degree Program and/or online courses.
- Serve on departmental and/or college committees where appropriate.

Minimum Qualifications:

- M.S. in electrical & computer engineering or a closely related field with prior teaching or industrial experience.

Preferred Qualifications:

- Ph.D. in electrical & computer engineering or a closely related field with 3-5 years of teaching experience or substantial industrial experience.

Special Instructions to Applicants: Please provide a cover letter detailing teaching experience, a curriculum vitae, and the names and contact information for at least three professional references. Applicants should apply at <http://careers.umass.edu/amherst/en-us/job/496606/lecturer-computer-engineering> by the priority deadline of January 14, 2019 to ensure consideration.

The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members.

ELECTRICAL AND COMPUTER ENGINEERING

Multiple Positions

The Department of Electrical & Computer Engineering (ECE) at the University of Washington, Seattle, invites applications for multiple full-time tenure-track positions with a nine-month service period annually, from exceptional candidates with a strong record of collaboration and creativity. Hiring will be made primarily at the tenure-track assistant professor levels with an anticipated start date of September 16, 2019. More information about the department, including background on our recent name change to ECE can be found at www.ece.uw.edu.

We seek outstanding candidates committed to developing scalable, integrated electronics and networked computing systems. Competitive candidates will have demonstrated strengths in the underlying fundamental science and technology and preferably a record of test-bed-oriented experimental research (as demonstrated by any mix of system/subsystem level prototyping, emulation, and software integration). Successful applicants will be able to articulate a next-generation application-oriented research agenda, with an emphasis on system design driven by key performance indicators such as efficiency, robustness, and security. New hires will be expected to lead curricular innovation, mentor cutting-edge student projects, and interact with local research-intensive industries and a vibrant technology-driven entrepreneurial community. Areas

of interest include but are not limited to: quantum computing, multi-agent (semi) autonomous systems, 5G-oriented wireless and photonics networks, cloud and data-center networking and computing, computational hardware systems for data-intensive applications, and mmWave and THz imaging.

Applicants should have an earned Ph.D. in electrical and computer engineering or related field (or foreign equivalent), evidence of ability to develop an independent research program, a strong commitment to both graduate and undergraduate teaching, and the potential to initiate and conduct research across disciplines and lead collaborations.

Apply online at apply.interfolio.com/55851 with a cover letter, full curriculum vitae, statements of research and teaching, three key papers, and the names of at least three references. A diversity statement from applicants is encouraged. Applications received by December 26th, 2018 will be given priority consideration and the ad will remain open till January 31st, 2019. Open positions are contingent on funding.

The University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The UW College of Engineering currently has 24.2 percent female faculty (ASEE 2017).

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, marital status, pregnancy, genetic information, gender identity or expression, age, disability, or protected veteran status.

The University of Washington is committed to building diversity among its faculty, librarian, staff, and student communities, and articulates that commitment in the UW Diversity Blueprint (<http://www.washington.edu/diversity/diversity-blueprint/>). Additionally, the university's Faculty Code recognizes faculty efforts in research, teaching, and/or service that address diversity and equal opportunity as important contributions to a faculty member's academic profile and responsibilities (<https://www.washington.edu/admin/rules/policies/FCG/FCCH24.html#2432>). The university's Office for Faculty Advancement promotes the hiring, retention, and success of a diverse and inclusive faculty at the University of Washington (<http://www.washington.edu/diversity/faculty-advancement/>).

MECHANICAL AND ENERGY ENGINEERING

Multiple Positions

The Department of Mechanical and Energy Engineering (MEE) at the Southern University of Science and Technology (SUSTech) in Shenzhen, China, is pleased to invite applications for tenure-track

or tenured faculty positions at all ranks. The department is newly established and has three main research directions: robotics and automation, innovative design and advanced manufacturing, and energy engineering. Successful applicants will have opportunities to develop an innovative research program and collaborate with academic and industrial organizations worldwide. The department will consider all areas in the mechanical engineering discipline; however, a particular emphasis will be placed on robotics, additive manufacturing, innovative design, bioscience and medical science associated mechanical engineering, and energy engineering with an emphasis on batteries.

SUSTech is a publicly funded institution located in Shenzhen, next to Hong Kong. Since its inception, SUSTech's mission has been to reform higher education in China and become a world-class institution with a strong emphasis on innovation and entrepreneurship. Due to its location, SUSTech is exposed to some of the leading high-tech and manufacturing industries. Shenzhen is one of the top four most prosperous cities in China and has been consistently referred to as the leader in technological developments.

Candidates must hold a doctoral degree and strong research and teaching credentials. Successful candidates will be expected to establish independent research programs in line with the aforementioned research directions. Interdisciplinary research programs that can bridge the gap between traditional mechanical engineering areas with other STEM fields will be encouraged. To establish an international standard, candidates will be encouraged to participate in international communities and to establish transnational research collaborations. Senior candidates are expected to play leadership roles in research and education. Globally competitive salaries and startup packages will be provided.

Application Instructions:

Those who are interested should apply through the website at <http://mee.sustc.edu.cn/en/employment/zhaopin1/> or submit the following information electronically to meehire@sustc.edu.cn: 1) Curriculum vitae (with a complete list of publications); 2) statement of research interests; 3) statement of teaching philosophy; 4) selected reprints of three recent papers; and 5) names and contact information of five references. Review of applications will begin immediately and continue until the positions are filled.

MECHANICAL ENGINEERING

The Albert Nerken School of Engineering at The Cooper Union for the Advancement of Science and Art seeks outstanding candidates for a tenure-track faculty position in mechanical engineering. To view our full job posting, please go to: <http://cooper.edu/work/employment-opportunities/tenure-track-faculty-position-mechanical-engineering>.

CLASSIFIEDS

A Ph.D. in mechanical engineering or a related discipline is required. Interested and qualified candidates should submit a cover letter, curriculum vitae, a teaching statement, a statement of professional growth/research interests, a statement describing experience and commitment to teaching diverse student populations, and three references to hr@cooper.edu.

Nominations and questions may be sent to Department Chair Melody Baglione at melody@cooper.edu. Application review will begin immediately with intent to fill the position by fall 2019.

MECHANICAL OR ELECTRICAL ENGINEERING

Monmouth College seeks a mechanical or electrical engineering (Ph.D. required by time of arrival) assistant/associate/full professor. This first engineering professor will help us design and build a curriculum in our liberal arts tradition and help us hire two additional engineering professors to support our three engineering tracks. This is an excellent opportunity for a creative professor to help shape and build a new and innovative program. Our new professor will have deep interests in teaching and will continue to develop professionally in ways that support undergraduate students. Post-doctoral and/or teaching experience is a plus. Limited startup funds available.

Please see our ad at <https://ou.monmouthcollege.edu/about/employment/faculty-positions.aspx> for more details. Review of materials begins on January 18 and continues until the position is filled. To apply, please send by e-mail a cover letter, curriculum vitae, teaching philosophy, course evaluations, and three letters of recommendation to Dr. Christopher Fasano, Chair, Department of Physics & Engineering, Monmouth College at facultysearch@monmouthcollege.edu.

MECHATRONICS

Tenure-track faculty position at the assistant professor level in mechanical engineering in the area of mechatronics at Cal Poly, San Luis Obispo, California, beginning September 12, 2019. For details, qualifications, and application instructions (online application required), visit www.calpolyjobs.org and apply to requisition #105109. Review of applications begins January 14, 2019. Applications received after this date may be considered. EEO.

NON-TENURE TRACK

ENGINEERING FUNDAMENTALS

Multiple Positions

The Engineering Fundamentals Program (EFP) at the University of Tennessee, Knoxville, seeks two dynamic lecturers to contribute to its innovative first-year engineering program. The EFP is the home of the Engage Program, an integrated and team-taught freshman curriculum, and is responsible for teaching nine credit hours of

common freshman coursework for each of the college's first-year students (1,000 per year). Details of the Engineering Fundamentals Program are available at ef.utk.edu.

These positions are full-time, non-tenure-track, nine-month appointments. Candidates are expected to have an earned doctorate in engineering with an undergraduate degree in any engineering discipline. Candidates with a doctorate in engineering education are strongly preferred. For a complete position description, please visit ef.engr.utk.edu/efp/lecturer/EFP-Lecturer-2019.php.

Applications should include: (1) a letter of interest addressing qualifications and teaching interests, (2) a comprehensive curriculum vitae, and (3) the names and contact information (address, phone number, and e-mail address) for at least three professional references. Please send a single electronic file (PDF) as an e-mail attachment to mcopley@utk.edu. Questions about the position should be directed to Dr. Richard Bennett, Chair of the Search Committee, (voice: 865.974.9810; email: rmbennett@utk.edu). Anticipated starting date is August 2019.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status.

ADMINISTRATION

DEAN

Tennessee Tech University seeks an exceptional leader to serve as its next dean of the College of Engineering. Reporting to and working with the provost, and in coordination with deans from other colleges, the dean will have responsibility for the strategic, programmatic, financial, fundraising, accreditation, and management operations that support the mission and vision of the College of Engineering and its role within Tennessee Tech University.

The college has seven academic departments supporting eight undergraduate degree programs, all accredited by ABET. These seven departments support six master's degrees, while the college, as a whole, supports a Ph.D. in engineering with several concentrations. Three research centers are housed in the college, along with numerous laboratories within the centers and the academic departments. As of fall 2018, there are 2,509 undergraduate and 224 graduate students in the college. These students interact with 85 full-time faculty and 44 support staff within the college. Five of the university's top 10 undergraduate programs by enrollment are in the college, and the overall undergraduate engineering program is the second-largest among public universities in the state.

Candidates must have an earned doctorate degree in a field related to the college; a record of recognized achievement in teaching, research, and service that qualifies for a tenured appointment at the rank of full professor in the college; significant leadership experience as a department chair, an associate dean, dean, or leadership position with similar levels of responsibility; demonstrated outstanding communication and interpersonal skills; demonstrated budgetary/financial management responsibility; and demonstrated commitment to a diverse faculty and student population consistent with university policies. Additional information can be found at <https://www.tntech.edu/provost/dean-searches>.

Applicants are required to apply online at <https://jobs.tntech.edu> and electronically upload a letter of application not to exceed five pages addressing their qualifications, interest in the position, and philosophy of leadership, management, education and research; curriculum vitae; and names of four professional references with titles, mailing addresses, phone numbers and email addresses. Screening of applicants will begin December 1, 2018; open until filled.

Individuals who wish to nominate a candidate should submit a letter of nomination, including the name, position, address, telephone number, and email address to Dr. Paul Semmes at PSemmes@tntech.edu.

Tennessee Tech University is an AA/EEO employer and does not discriminate on the basis of race, color, religion, ethnic or national origin, sex, disability, age (40 and over), status as a protected veteran, genetic information, or any other category protected by federal or state law. Inquiries regarding the nondiscrimination policies should be directed to equity@tntech.edu.



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<https://www.asee.org/papers-and-publications>