

## How To Place An Ad

### PLACING AN AD

Prism welcomes classified ads for open positions in academe, industry, or government; positions wanted; short courses; seminars; meetings; and conferences. Using the same process and for the same price, you may also publish a congratulatory ad to honor institutional or individual achievements, or publish an In Memoriam obituary for a colleague. You may either submit your ad electronically or send it via email to obtain a price quote. If you decide to submit your ad electronically, you will first have to create an account with ASEE--it's free! Price quotes and confirmation emails will 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; 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/addclassified](http://www.asee.org/addclassified)

EMAIL:

[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

The ads are accessible to the public once you give us your 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 email, please include your contact information, which includes: 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 covers the total cost of your ad appearing in your chosen issues.

### CLASSIFIED ADVERTISING DEADLINE

for the September 2018 issue:  
August 17, 2018

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

Please see website for updates.

## FACULTY

### TENURED AND TENURE TRACK

### ENGINEERING EDUCATION

THE ENGINEERING TECHNOLOGY (ET) DEPARTMENT AT THE NEW JERSEY INSTITUTE OF TECHNOLOGY invites applications from outstanding individuals for a tenure track assistant professor faculty position in engineering education. The successful candidate will teach core undergraduate and/or graduate courses within his/her engineering discipline, as well as courses related to engineering education (such as fundamentals of engineering). S/he will develop new programs related to his/her research expertise and prepare research and educational proposals with engineering education components. Applicants must have earned a Ph.D. degree in an engineering field taught at NJIT (i.e., biomedical engineering, chemical engineering, civil engineering, computer engineering, electrical engineering, environmental engineering, industrial engineering, materials engineering, mechanical engineering, or pharmaceutical engineering). S/he should have a proven record of research and teaching core courses within the candidate's engineering discipline, as well as leading and assisting with the preparation of research and educational proposals with engineering education components. We seek candidates with the demonstrated ability to conduct research at the highest level, and with a commitment to outstanding teaching and mentoring of students, as well as developing new programs. The successful candidate is expected to attract funding to develop and

sustain active sponsored research programs, and to serve as a resource to all constituents of the Newark College of Engineering in the area of engineering education. Screening of applicants will begin immediately and continue until the position is filled. Applications should be submitted online at <http://jobs.njit.edu> using Requisition Number 250. Please include a cover letter, complete curriculum vitae, a statement of research interests, a statement of teaching interests, and names of at least three (3) references. Salary: \$95,000.00/year. Applications will be accepted and reviewed until the position is filled. Questions may be directed to the Department Chairperson, Professor Thomas Juliano ([Thomas.juliano@njit.edu](mailto:Thomas.juliano@njit.edu)). To build a diverse workforce, NJIT encourages applications from individuals with disabilities, minorities, veterans, and women. EEO employer. New Jersey Institute of Technology, Newark College of Engineering, University Heights, Newark, NJ 07102-1982. Examples: (1) If the candidate is a civil engineer, examples of relevant courses s/he would teach include statics, strength of materials, and fluid mechanics. (2) If the candidate is an electrical engineer, examples of relevant courses s/he would teach would include circuits and systems, digital signal processing, and digital communications. (3) If the candidate is an environmental engineer, examples of relevant courses s/he would teach would include hydraulics, fluid mechanics, and engineering mechanics.

### ENGINEERING

Multiple Positions

TEXAS A&M ENGINEERING is seeking to fill up to five senior academic positions at the associate and full professor ranks

across a wide range of engineering disciplines to work with the new Center for Infrastructure Renewal (CIR), a joint effort of the Texas Engineering Experiment Station, the Texas A&M Transportation Institute, and the Texas A&M University System. Applicants must have an earned doctorate in a science or engineering discipline. Candidates applying at the associate professor rank must have an established research portfolio that includes an escalating publication record, significant funding, and evidence of teaching excellence. They must also demonstrate that the potential development of their research interests match a trajectory toward eminence in their field. Individuals applying at the professor level are expected to be national and international leaders in research with scholarly reputations, possess a record of teaching excellence, and have evidence of significant engagement in professional service. The successful applicants will be required to teach; advise and mentor graduate students; develop an independent, externally funded research program; participate in all aspects of the department's activities; and serve the profession. In addition, it is expected that faculty will perform research in support of the mission and vision of the CIR. Faculty appointments will be made within the department most closely associated with the candidate's expertise, and joint appointments with other engineering departments will be encouraged to enhance the multidisciplinary nature of the center's mission. The Center for Infrastructure Renewal (CIR) at Texas A&M University provides access to some of the nation's most technologically advanced research facilities that include a new campus developed to promote an ideal

location for companies to design, develop, and test new technologies and interact with faculty researchers through the CIR. This world-class facility currently features laboratories and testing facilities equipped with the latest technologies dedicated to infrastructure materials, corrosion, materials evaluation, electric power grid, and pipeline system integrity and infrastructure systems. Learn more about the CIR at <http://tees.tamu.edu/research/facilities/rellis/>. The College of Engineering at Texas A&M University anticipates the CIR will provide the resources for highly skilled senior faculty to make seminal advances in not only the areas listed above, but also in smart and connected communities; applications with "big data" toward infrastructure sustainability and resilience; autonomous and connected vehicles; more effective hurricane recovery efforts involving infrastructure, health, and safety; 3D printing for large facilities; application of robotic technologies; and workforce development. Applicants should submit a cover letter, curriculum vitae, teaching statement, research statement, and a list of four references (including postal addresses, phone numbers, and email addresses) by applying for this specific position at [www.tamengineeringcareers.org](http://www.tamengineeringcareers.org). Full consideration will be given to applications received by May 31, 2018. Applications received after that date may be considered until positions are filled. It is anticipated the appointment will begin fall 2018. The members of Texas A&M Engineering are all Equal Opportunity/Affirmative Action/Veterans/Disability employers committed to diversity. It is the policy of these members to recruit, hire, train, and promote without regard to race, color, sex,

religion, national origin, age, disability, genetic information, veteran status, sexual orientation, or gender identity. Texas A&M University—College of Engineering Texas A&M University is located in the twin cities of Bryan and College Station, TX, with a population of more than 255,500, and is conveniently located in a triangle formed by Dallas, Houston, and Austin. Texas A&M has more than 64,000 graduate and undergraduate students enrolled. Research expenditures at Texas A&M total more than \$866 million annually, ranking in the top tier of universities nationwide. With an endowment valued at more than \$9.7 billion, the university ranks second among U.S. public universities and eighth overall. Texas A&M is aware that attracting and retaining exceptional faculty often depends on meeting the needs of two careers and having policies that contribute to work-life balance. For more information, visit <http://dof.tamu.edu/Faculty-Resources/CURRENT-FACULTY/Faculty-Work-Life>. With more than 600 faculty members and more than 16,000 students, the College of Engineering is one of the largest engineering schools in the country. The college is ranked seventh in graduate studies and eighth in undergraduate programs among public institutions by *U.S. News & World Report*, with seven of the college's 14 departments ranked in the top 10. The college is also ranked third in research expenditures by the American Society for Engineering Education.

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## ENVIRONMENTAL ENGINEERING

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**THE COLLEGE OF ENGINEERING AT THE UNIVERSITY OF TOLEDO** is seeking an outstanding scholar and educator

to fill one full-time, tenure-track assistant professor position in environmental engineering as early as August 2018. Applicants must have research and teaching interests relevant to traditional and emerging areas of environmental engineering. All candidates with a strong potential for securing an externally funded research program and the ability to effectively teach and develop undergraduate and graduate courses and labs in environmental engineering will be considered. Candidates with research expertise in emerging areas, such as resource recovery, sustainable and resilient water and wastewater treatment systems, sensors, environmental biotechnology, waste management, big data, and renewable energy are preferred. The successful candidate will be expected to support and develop the department's new undergraduate program in environmental engineering, develop and sustain an externally funded research program, mentor both undergraduate and graduate students (M.S. & Ph.D.), and engage in professional service activities. The department encourages and supports collaborative and interdisciplinary research and teaching. Applicants must have an earned doctorate in environmental engineering or a closely related area at the time of application or before appointment. One to two years of postdoctoral or research and development experience beyond the Ph.D. degree is highly desirable. Salary is commensurate with qualifications, and an attractive benefits and startup package will be provided. Consideration of qualified candidates will begin after April 5, 2018, and the position will remain open until an appointment is made. For full consideration, applicants should submit the following documents in PDF form

at <https://jobs.utoledo.edu>: cover letter; curriculum vitae; statement of teaching philosophy and interests (up to two pages); summary of research interests and vision (up to three pages); copies of three journal publications; and a list of three references, including names, addresses, emails, and telephone number. References will not be contacted before phone interviews. Questions may be addressed to Dr. Ashok Kumar, Chair, Department of Civil and Environmental Engineering, at [akumar@utoledo.edu](mailto:akumar@utoledo.edu). The University of Toledo is one of only 17 U.S. public universities to offer professional and graduate academic programs in business, education, engineering, health and human services, law, medicine, nursing, and pharmacy. The university is state-assisted, with an enrollment of approximately 20,000 students, of which about 4,400 are graduate and professional students. The University of Toledo recently established a campus-wide, interdisciplinary water task force with a state-of-the-art water-testing lab. Opportunities exist to participate in ongoing water task force projects related to environmental and public health. Additional faculty resources include the Instrumentation Center, Center for Materials and Sensor Characterization, Advanced Microscopy and Imaging Center, Genetic Genomic Core, and Wright Center for Photovoltaics Innovation and Commercialization. For more information about the Civil and Environmental Engineering Department at The University of Toledo, please visit <http://www.eng.utoledo.edu/civil/>. The University of Toledo is an affirmative action, equal opportunity employer. The university is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working

in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans.

## 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 publically 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/zhaopin/> or submit the following information electronically to [meehire@sustc.edu.cn](mailto: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.

## FACULTY

### NON-TENURE TRACK

## COMPUTER SCIENCE AND ELECTRICAL ENGINEERING

**THE COLLEGE OF ENGINEERING AT HOUSTON BAPTIST UNIVERSITY** seeks applicants to fill full-time, faculty positions at any rank in cyber engineering, computer science,

and electrical engineering. The college will begin admitting students for Fall 2018 with programs in computer science, cyber engineering, and electrical engineering ([hbu.edu/engineering](http://hbu.edu/engineering)). HBU is an independent, private Christian institution with a diverse student body and access to one of the largest metropolitan areas in the country. Qualifications: Candidates should have completed a Ph.D. in electrical engineering, computer science, or a related field from an accredited institution of higher education. They should also have excellent verbal and written communication skills, experience developing and teaching project-based first- and second-year courses, and a commitment to quality teaching in a Christian university. A background in cybersecurity, control systems, network security, or information management is preferred. Responsibilities: Duties will include developing and implementing project-based courses; engaging in student advising, assessment, and accreditation; and promoting industry partnerships. To Apply: Interested candidates should complete the online application ([hbu.edu/jobs](http://hbu.edu/jobs)). Submission of the application indicates the candidate's acceptance and affirmation of the preamble to the bylaws of the university. Questions may be sent to Stan Napper, Founding Dean ([snapper@hbu.edu](mailto:snapper@hbu.edu)).

## ENGINEERING

**THE DEPARTMENT OF ENGINEERING & PHYSICS AT ABILENE CHRISTIAN UNIVERSITY INVITES** applications for position(s) at any faculty or contract level in engineering or physics to begin in fall 2018. For full position description and application procedures please refer to the ACU website at <http://>

[www.acu.edu/community/offices/administrative/office-of-the-provost/faculty-positions/college-of-arts-and-sciences.html](http://www.acu.edu/community/offices/administrative/office-of-the-provost/faculty-positions/college-of-arts-and-sciences.html) or contact the department by email at [eandp@acu.edu](mailto:eandp@acu.edu).

## ENGINEERING AND COMPUTATIONAL SCIENCE

**THE WHITING SCHOOL OF ENGINEERING AT JOHNS HOPKINS UNIVERSITY** seeks applicants for a full-time teaching position in the area of engineering computation and programming. This is a career-oriented, renewable appointment that is responsible for the development and delivery of introductory computing courses to undergraduate students from majors throughout the university. Teaching faculty members are also encouraged to engage in departmental and university service and may have advising responsibilities. Opportunities to teach upper-level and graduate courses may also be available, depending on the candidate's background. Extensive grading support is given to all instructors. The School of Engineering and School of Arts and Sciences have a well-established non-tenure track career path for full-time teaching faculty culminating in the rank of teaching professor. Johns Hopkins is a private university known for its commitment to academic excellence and research. The teaching faculty member will be appointed in the academic department within the Whiting School of Engineering that most closely aligns with their academic background. See the school webpages at <https://engineering.jhu.edu/> for additional information about the school, including undergraduate programs and current course descriptions. Applicants for the position must have a master's

degree or Ph.D. in computer science, computer science education, engineering education, or an engineering discipline in a closely related field; demonstrated excellence in and commitment to teaching; and excellent communication skills. Candidates with experience teaching programming in C, C++, Java, Python, or MATLAB are preferred. Applicants should apply using the online application <https://apply.interfolio.com/49117>. Please submit a cover letter, curriculum vitae, teaching statement, and recent teaching evaluations. Three letters of reference will also be required. Letter-writer information should be provided in the application. Applications will be evaluated on a rolling basis. Questions should be directed to [WSElecSearch@jhu.edu](mailto:WSElecSearch@jhu.edu). The Johns Hopkins University is committed to the active recruitment of a diverse faculty and student body. The university 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. Consistent with the university's goals of achieving excellence in all areas, we will assess the comprehensive qualifications of each applicant. The Whiting School of Engineering is committed to building a diverse educational environment.

## ENGINEERING

### Multiple Positions

**OLIVET NAZARENE UNIVERSITY** seeks to fill full-time engineering faculty positions. For full job descriptions and to apply, please visit: <https://olivet.csod.com/ats/careersite/search.aspx?site=4&c=olivet>. Electrical Engineering, Computer Engineering, Civil Engineering,



**CAMPBELL UNIVERSITY**

School of Engineering

**The School of Engineering at Campbell University** (<http://www.campbell.edu/engineering/>, <http://www.campbell.edu/about/history-quick-facts/>) seeks three engineering faculty for full-time, tenure-track positions at the rank of assistant, associate or full professor. One position in mechanical engineering begins fall 2018 and focuses on teaching the thermal, energy and fluid sciences. Two positions (one in mechanical engineering, focused on teaching a common senior design sequence; and one in electrical engineering, focused on teaching sophomore- and junior-level courses) begin in January 2019. Campbell's B.S. in engineering program (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; and 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 mechanical engineering or electrical engineering, respectively, 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, curriculum vitae, and contact information for five professional references. Questions may be directed to Dr. Jenna Carpenter, Dean, School of Engineering ([carpenter@campbell.edu](mailto: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.