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PLACING AN AD

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RATES

Standard ads appear in single-column format and are charged at \$3.50 per word (member price) and \$3.95 (non-member price) if received by e-mail or submitted electronically.

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 dimensions of display 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

EMAIL:
p.whitley@asee.org or 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 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 December 2016 issue

November 18, 2016

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

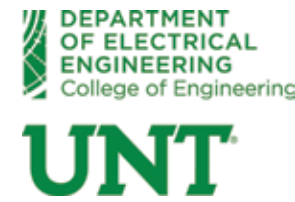
CHEMICAL ENGINEERING

THE COOPER UNION CHE DEPARTMENT INVITES applications for a tenure-track faculty position at the assistant professor level for fall 2017. Full posting and application instructions at <http://tinyurl.com/CooperChEPosition>. Questions may be sent to bdavis@cooper.edu.

CIVIL ENGINEERING

THE DEPARTMENT OF CIVIL ENGINEERING OF THE SCHOOL OF ENGINEERING AND APPLIED SCIENCES AT THE UNIVERSITY OF THE DISTRICT OF COLUMBIA SEEKS applications for one tenure-track position at the levels of assistant and/or associate professor beginning in January 2017. Candidates must have an earned doctorate in civil engineering or closely related field and a strong record of teaching, research, and scholarly activities commensurate with appointment at the rank of assistant or associate professor. We are particularly interested in candidates with research experiences in the following areas: transportation engineering, traffic engineering, transportation & sustainability, and/or areas closely related to transportation engineering. The successful candidate must have exceptional scholarly aptitudes, interpersonal com-

munication, and management skills to promote programs and to sustain strong student enrollment. Candidates should have a strong commitment to undergraduate and graduate teaching. Demonstrated knowledge and experience with ABET accreditation is preferred. Preference will be given to applicants with a professional engineer license or have the ability to become registered. Faculty duties include teaching undergraduate and graduate students, conducting high-quality research by collaborating closely with the department's established research teams, participating in and developing externally funded research projects, performing academic duties and university services, as well as community services. Successful candidate will be required to support the land-grant research mission of the university by providing efficient solutions to transportation problems of the District of Columbia. The University of the District of Columbia is a comprehensive urban land-grant institution and is classified as a Historically Black College and University. It is the only public university of the District of Columbia, in the nation's capital. The school offers ABET-accredited B.S. degree programs in civil, electrical, and mechanical engineering, as well as computer science. The school also offers master's degrees in civil, electrical, and mechanical engineering, as well as computer science. Applicants should submit a CV with three references (names and contact information) and a teaching and research statement. All applicants should



THE DEPARTMENT OF ELECTRICAL ENGINEERING AT THE UNIVERSITY OF NORTH TEXAS (UNT) IS SEEKING candidates for three faculty positions at the assistant (tenure-track) or associate professor (tenure-track or tenured) level starting fall 2017. The positions are open to all areas in electrical engineering with an emphasis on the department's three current thrust areas: aerial communication and signal processing, RF/circuit design and electronic design automation, and systems and control. An earned Ph.D. degree in electrical engineering or a closely related field is required. For the assistant professor position, we are looking for candidates with a strong publication record and the potential to succeed in securing research funding and mentoring graduate students. For the associate professor position, we expect a sustained record of providing mentoring to junior faculty, advising graduate students, providing service to the university and profession, and securing external funding for research activities. For the associate professor position, a significant publication record, current research funding, and graduate student mentoring are also required.

The Electrical Engineering Department offers B.S., M.S., and Ph.D. degrees in electrical engineering. It is home to more than 460 undergraduate and graduate students. Additional information about the department is available at the website: <http://engineering.unt.edu/electrical/>.

Application Procedure:

All applications must be submitted online at: <http://facultyjobs.unt.edu>.

Questions regarding the positions can be directed to the search committee Chair, Dr. Xinrong Li at xinrong@unt.edu. Offers of employment for these positions will be made dependent upon available funding.

Application Deadline:

The committee will begin its review of applications on November 1, 2016, and continue to accept and review applications until the position is filled.

The University:

UNT, classified in the Carnegie Classification as a Doctoral University: Highest Research Activity (R1), is a major research university with rapidly growing engineering research and educational programs. As the nation's 24th largest public university and the largest and most comprehensive in the Dallas-Fort Worth area, UNT is dedicated to providing an excellent educational experience to its nearly 38,000 students through 99 bachelor's, 83 master's, and 36 doctoral degree programs in its 12 colleges and schools, many nationally and internationally recognized. UNT is strategically located in Denton, Texas, a vibrant city with a lively arts and music culture, at the northern end of the Dallas-Fort Worth metropolitan area. The DFW area has more than six million people, with significant economic growth, numerous industrial establishments, and excellent school districts.

The University of North Texas is an Equal Opportunity/Access/Affirmative Action/Pro-Disabled & Veteran Institution committed to diversity in its employment and educational programs, thereby creating a welcoming environment for everyone.



THE MATHEMATICAL SCIENCES DEPARTMENT AT EASTERN MENNONITE UNIVERSITY IS SEEKING a full-time assistant or associate professor tenure-track faculty position in computer science or computer engineering beginning mid-August 2017. For full description and how to apply, go to <http://www.emu.edu/hr/openings>.

EMU seeks faculty who have demonstrated or show promise of:

- teaching excellence in a Christian liberal arts environment
- a commitment to ongoing scholarship
- familiarity with and support for Anabaptist/Mennonite Christian faith practices

Eastern Mennonite University is an equal opportunity employer, committed to enhancing diversity across the institution.

submit required materials in electronic formats through the UDC website <http://udc.applicantstack.com/x/detail/a2hbyxhimg>. Reviews will continue until position is filled. The University of the District of Columbia is an Equal Opportunity/Affirmative Action Employer.

CIVIL AND ENVIRONMENTAL ENGINEERING: MULTIPLE POSITIONS

THE DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING (CEE) AT THE UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN INVITES applications for multiple full-time tenured or tenure-track faculty positions; all ranks will be considered. The department

seeks to expand its expertise in emerging interdisciplinary areas that are critical in addressing global challenges through innovative education and research and are aligned with CEE cross-cutting programs related to sustainability, resilience, risk mitigation, and water and energy systems research. Desired areas of expertise are: Sustainable and smart infrastructure. Development of innovative materials, technologies, and models for the design, construction, and management of sustainable and functional civil infrastructure, encompassing one or more of the following areas: smart materials that enable adaptive, multi-functional, self-repairing or sensing properties; sustainable materials including alternative

and green binders, materials that enable carbon sequestration, advanced polymeric and nanoscale materials, and those with enhanced durability; multi-scale computational material models for sustainable performance; life cycle assessment; sensing and monitoring technologies; construction management; and development of intelligent and automated systems for the design, construction, and management of infrastructure, including smart structures, roads, and energy grids. Multimodal transportation. Development of transformative methods for observation, forecasting, planning, management, and control of complex multimodal transportation; integration of petascale computing, networked sensing, big data applications, and other

Faculty Positions (All Ranks)
DEPARTMENT OF MECHANICAL
SCIENCE AND ENGINEERING

College of Engineering
University of Illinois at Urbana-Champaign

The Department of Mechanical Science and Engineering at the University of Illinois at Urbana-Champaign invites applications for multiple faculty positions in all ranks. Emphasis is on the areas of (i) manufacturing and (ii) energy and sustainability; however, excellent candidates will be considered in all areas related to mechanical science and engineering.

A doctoral degree is required, and salary is commensurate with qualifications and experience. Applications received by **December 4, 2016**, will receive full consideration. Early applications are encouraged. Interviews may take place before the given date; applications received after that date may be considered until positions are filled. The expected start date of a position offered/accepted through this search is August 16, 2017, but other start dates will be considered.

A full position description and information on how to apply can be found on the University of Illinois Urbana-Champaign online jobsite <http://jobs.illinois.edu>. For further information regarding application procedures, please address questions to: mehse-facultyrecruiting@illinois.edu.

The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer.



www.inclusiveillinois.illinois.edu
Illinois is an EOE employer/Vet/Disabled

interdisciplinary approaches for enhanced mobility, resilience, and sustainability of next-generation transportation systems; infrastructure and systems supported by emerging technologies such as autonomous and connected vehicles. Qualified candidates may be considered for one endowed chair-level position funded under the \$100 million Grainger Engineering Breakthroughs Initiative (<http://graingerinitiative.engineering.illinois.edu>), in the following area: Climate-driven risks to natural and built environments in the age of big data. Environmental and earth system sensing, monitoring, and modeling, including big data approaches. The research should focus on topics related to air, water, and/or earth surface and subsurface

modeling to characterize and pose solutions to problems including, but not limited to, increase in demand for energy, variability in extreme hydroclimatic events, ecosystem and climate changes, climate-driven migration, interactions between natural and built environments, and the emergence and control of environmental pathogens associated with climate change and human activities. The successful candidates are expected to develop and maintain an internationally recognized research program, contribute fully to teaching of undergraduate and graduate courses, and to provide service to the profession and university. Successful candidates are also expected to develop interactions with faculty across the department, college, and

campus. Opportunities exist to participate in related CEE and campus-wide communities, such as the Micro and Nanotechnology Laboratory, Prairie Research Institute, Illinois Center for Transportation, MAE Center (Creating a Multi-hazard Approach to Engineering), the National Rail Transportation Center, the Information Trust Institute, the National Center for Supercomputing Applications, the Institute of Genomic Biology, the Safe Global Water Institute, the Illinois State Geological Survey, as well as nine other engineering departments. Applicants must hold an earned doctorate in an appropriate field. Salary and rank will be commensurate with qualifications. Please create your candidate profile through <https://jobs.illinois.edu> and upload your application cover letter addressed to Professor Benito J. Mariñas, Department Head, Department of Civil and Environmental Engineering, 1114 Newmark Civil Engineering Laboratory, 205 North Mathews Avenue, Urbana, IL 61801 (Telephone: 217-333-6961); curriculum vitae; a concise summary of past research accomplishments and any teaching experience; a statement of future research and teaching plans; and complete contact information of at least three references by November 1, 2016 to ensure full consideration. The starting date is negotiable, but is preferred to be August 16, 2017. Information about the department may be found at our website at <http://cee.illinois.edu/>. Urbana-Champaign offers

and upload your application cover letter addressed to Professor Benito J. Mariñas, Department Head, Department of Civil and Environmental Engineering, 1114 Newmark Civil Engineering Laboratory, 205 North Mathews Avenue, Urbana, IL 61801 (Telephone: 217-333-6961); curriculum vitae; a concise summary of past research accomplishments and any teaching experience; a statement of future research and teaching plans; and complete contact information of at least three references by November 1, 2016 to ensure full consideration. The starting date is negotiable, but is preferred to be August 16, 2017. Information about the department may be found at our website at <http://cee.illinois.edu/>. Urbana-Champaign offers

Chair
Department of
Mechanical
Engineering



Baylor's School of Engineering and Computer Science invites applications for the position of Chair of Mechanical Engineering. The new Chair will communicate a clear vision for the future of education and research to a constituency that includes academia, government, industry and alumni. The successful candidate will hold an earned doctorate in Mechanical Engineering or a closely related field, and will demonstrate proven leadership, research achievement, excellent teaching, a commitment to professional activities, and outstanding English communication skills. The Department Chair reports to the Dean of the School and will be tenured as Professor of Mechanical Engineering.

Baylor's ABET accredited ME program now has 14 tenured/tenure-track faculty members, a clinical professor of innovation, and 4 lecturers/senior lecturers, with plans to grow to 27 total faculty by 2023. The faculty are internationally recognized in Biomechanical Experimentation, Design, and Simulation; Thermal and Energy Engineering; and Advanced Materials Engineering. Mechanical Engineering faculty conduct research in well-established laboratories and consortia housed within the Baylor Research and Innovation Collaborative (BRIC) (see www.baylor.edu/bric). The department offers B.S., M.S., and Ph.D. degrees in Mechanical Engineering. Jointly with the Department of Electrical and Computer Engineering, the department also teaches Pre-Engineering majors and offers B.S. in Engineering, M.S. in Biomedical Engineering and Master of Engineering degrees. Current enrollment is 220 pre-engineering, 341 undergraduate ME, and 37 full-time graduate students. Additional information about Baylor ME is available at <http://www.ecs.baylor.edu/mechanicalengineering/>.

The mission of the program is to educate students within a caring Christian environment in the discipline of Mechanical Engineering. Our graduates are to be equipped with the fundamental technical, communication, and teamwork skills to succeed in their chosen careers. They are to be empowered by innovative problem-solving creativity and an entrepreneurial mindset, and motivated by Christian ideals and a vocational calling to improve the quality of life worldwide.

- To receive full consideration, please submit a cover letter and the following:
- 1) A current curriculum vitae
 - 2) A vision statement to grow our new PhD program and maintain excellence in undergraduate education
 - 3) An individualized statement of teaching and research interests related to Baylor's programs
 - 4) A statement describing your personal and active Christian faith
 - 5) Contact information for at least three professional references

Application review begins January 9, 2017 and will continue until the position is filled. Please submit materials to apply.interfolio.com/31180. Chartered in 1845 by the Republic of Texas, Baylor University is the oldest university in Texas and the world's largest Baptist university. It is a member of the Big XII Conference and holds a Carnegie classification as a "high-research" institution. Baylor's mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. New faculty will have a strong commitment to the classroom and to discovering knowledge as Baylor aspires to become a top tier research university as described in Pro Futuris (<http://www.baylor.edu/profuturis/>).

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 anti-discrimination 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 women, minorities, veterans and individuals with disabilities to apply.



THE INTEGRATED STEM EDUCATION RESEARCH CENTER (ISERC) AT LOUISIANA TECH UNIVERSITY INVITES applications for top caliber researchers and teachers conducting engineering and science education research. All professional ranks (assistant, associate, and full professor), STEM disciplinary backgrounds, and research specialties, including discipline-based education research, will be considered. ISERC is committed to the development and study of innovative, multidisciplinary STEM education practices. ISERC is primarily housed in the College of Engineering and Science, whose vision is to be a world leader in integrating engineering and science in education and research (<http://coes.latech.edu/>). The college is experiencing significant growth and is undertaking an aggressive faculty recruiting campaign. By the start of the appointment, applicants must have earned a doctorate in engineering education, a STEM discipline housed in the college, or a related field.

Successful candidates are expected to actively participate in ISERC research efforts; initiate, build, and sustain an externally funded research program; and supervise graduate students. Candidates with excellent communication skills interested in engaging students across the curriculum are encouraged to apply. Faculty are expected to demonstrate a commitment to high quality professional service and active participation in college responsibilities. ISERC supports the education concentrations in the college's Ph.D. program in engineering and the interdisciplinary Ph.D. program in computational analysis and modeling.

Louisiana Tech University is a doctoral granting public institution that enrolls over 12,000 students from 48 states and 68 foreign countries. The college is especially interested in qualified candidates who can contribute, through their research, teaching, and/or service, to the diversity and excellence of the academic community. To build a diverse workforce, the college encourages applications from individuals with disabilities, minorities, veterans, and women.

Send curriculum vitae, a statement of research interests and goals, a description of teaching experience and interests, and names and contact information for at least three references in a single PDF file to facsearch@latech.edu with the subject line "<Last Name, First Initial> - ISERC faculty search." Review of applications and nominations will begin December 1, 2016, and will continue until suitable candidates are identified. The starting date for each position is September 1, 2017. Louisiana Tech University is an EEO/AA employer.



At Olin

Olin College of Engineering, located in the greater Boston area in Needham, MA, seeks enthusiastic applicants for faculty positions at all ranks who are passionate about having an impact in the world and educating the next generation of engineering innovators. We have an open search for all areas relevant to our mission and targeted searches in the broadly defined areas of entrepreneurship and computer science/software engineering / computational science and engineering.

We're solving hard problems

We believe the future of engineering lies in transcending disciplinary boundaries. We are excited about all aspects of engineering, from understanding people and their needs, to the mathematics and science underlying new technologies, to delivering innovative services and products that improve the world. We enjoy co-teaching in an experimental, experiential, student-centric learning environment, and we thrive on involving students in our research, consulting, entrepreneurship, and other forms of professional work.

Across disciplinary boundaries

If you enjoy imagining ways students might better integrate engineering, computing, science, mathematics, business, humanities, and social sciences, as they study complex technical systems and societal issues, we'd love to hear from you.

We encourage applicants to apply by December 5, 2016. Please see www.olin.edu/search for information on the application process.

Olin College is an EOE and is committed to an inclusive and diverse environment, and we strongly encourage individuals from historically underrepresented communities and women to apply.



THE SCHOOL OF ENGINEERING WITHIN GRAND VALLEY STATE UNIVERSITY'S SEYMOUR AND ESTHER PADNOS COLLEGE OF ENGINEERING AND COMPUTING INVITES applications for four tenure-track faculty positions at the assistant or associate professor Level. These positions will support the continued growth of GVSU's electrical/computer and mechanical engineering programs. The start date for these positions is fall 2017.

The Grand Valley Engineering Programs offers an ABET-accredited bachelor of science in engineering (B.S.E.) degree as well as a master of science in engineering (M.S.E.) degree. The B.S.E. program includes mandatory co-op education experiences and an extensive experiential learning component. The M.S.E. program emphasizes professional practice and applied research. Partly sponsored by the local industry, these programs yield job-ready and graduate school-ready engineering graduates in support of the diversified regional industries.

Required Qualifications and Education

Applicants must have a doctorate degree in electrical/computer or mechanical engineering or a closely related field. Of particular interest is teaching and industrial experience, as well as experience related to establishing and running industrial-grade projects. Candidates should possess excellent verbal and written communication skills and be committed to the highest quality of laboratory and project-based teaching, along with scholarly and professional development. Professional licensure, the ability to teach broadly in one's field, and an interest in general curriculum development are desirable. We also highly value the ability to participate in and capitalize upon existing collaborations with our West Michigan industrial partners, as well as a history of external funding.

Preferred Qualifications and Education

Preference will be given to applicants with teaching experience in the following areas of interest or expertise:

Electrical or Computer Engineering:

- We seek highly motivated candidates to teach within the electrical or computer engineering program in support of our B.S.E. and M.S.E. programs at all levels, from first year through master's courses, curriculum and course development, professional service, and professional development activities, including scholarship.

Electrical Engineering Hardware:

- We seek an individual with a background in electronic hardware design and development to support our course and industry project-based initiatives. Particular skills include PCB design and fabrication, with micro-circuit and high-speed design, as well as EMC considerations. Further, experience with circuit design for embedded systems is highly valued, including analog and digital design, component selection, and demonstrable prototyping and validation skills. A working knowledge of software design and development is also beneficial. Lastly, a record of industrial and/or project-based experience in these areas is desired.

or

Electrical/Computer Engineering for Embedded Systems:

- We seek an individual with a background in the areas of embedded system design, micro-controllers and digital electronics, as well as industrial and/or project-based experience in these areas.

Mechanical Engineering:

- We seek highly motivated candidates to teach either in the general area of thermo-fluids or in the general area of solid mechanics and machine design. The ideal candidates in the thermo-fluids area will be expected to teach some lower division courses while candidates in the machine design area who can support materials science courses will be given preference.

Responsibilities—Essential Functions:

These positions involve teaching in our undergraduate and graduate engineering programs, professional service, and professional development. The successful applicant will support the B.S.E. and M.S.E. programs primarily through teaching, curriculum and course development, and professional development activities, including scholarly activities. The applicant will support our co-op-education and project-based teaching process, as well as industrial collaborations and programs to meet the needs of industry.

Salary:

Commensurate with experience and qualifications.

Department/Division:

Seymour and Esther Padnos College of Engineering and Computing, School of Engineering

Campus:

Robert C. Pew Grand Rapids Campus

How to Apply:

Applications accepted online only at jobs.gvsu.edu. Include a letter of interest or nomination, curriculum vitae, statement of teaching philosophy, and at least three references with name, address, phone and e-mail address. For questions and/or assistance please contact (616) 331-2215.

Application Deadline Date:

Application review will begin immediately and continue until the position is filled.

Allendale, Michigan 49401—(616) 331-5000

For more information about Grand Valley, see our website at www.gvsu.edu.

Grand Valley State University is an EOE, which includes protected veterans and individuals with disabilities. See <http://www.gvsu.edu/affirmative/>. TDD Callers: Call Michigan Relay Center at 1-800-649-3777.

the residential advantages of a medium-sized university city, excellent cultural opportunities, and a high quality of life as reflected by its ranking as one of the great neighborhoods in America by the American Planning Association: <http://www.planning.org/greatplaces/neighborhoods/2007/westurbana.htm>. The University of Illinois conducts criminal background checks on all job candidates upon acceptance of a contingent offer. Illinois is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, sexual orientation, gender identity, age, status as a protected veteran, status as a qualified individual with a disability, or criminal conviction history. Illinois welcomes individuals with diverse backgrounds, experiences, and ideas who embrace and value diversity and inclusivity (www.inclusiveillinois.illinois.edu). We have an active and successful dual-career partner placement program and a strong commitment to work-life balance and family-friendly programs for faculty and staff (<http://provost.illinois.edu/worklife/index.html>).

ENGINEERING EDUCATION

APPLICATIONS AND NOMINATIONS ARE INVITED for the position of head of the Department of Engineering Education (EngE) at Virginia Tech. Candidates must hold a doctorate in engineering, engineering education, or a closely-related field and must qualify

for tenure at the rank of professor. In addition, candidates should have achieved distinction in university-level teaching and research and should have an established record of scholarship, administrative ability, and academic leadership. Applicants are expected to demonstrate understanding of the field of engineering education and to articulate a vision for the future of engineering education as a field of research and practice. Applications must be submitted online to <http://jobs.vt.edu/> for posting number TR0160107. Applicant screening will begin November 15, 2016 and continue until the position is filled. Applications should include: (i) curriculum vitae, (ii) a personal statement (maximum three pages) describing the applicant's leadership style, vision for the Virginia Tech Department of Engineering Education, and vision for the field of engineering education, and (iii) names and contact information for five references. References will only be contacted for those candidates who are being considered for on-campus interviews. Virginia Tech has strong commitments to the principles of diversity and inclusion, as well as maintaining a work and learning environment that is free of all forms of discrimination. Virginia Tech does not discriminate against employees, students, or applicants on the basis of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, or veteran status; otherwise discriminate against employees or applicants who inquire about, discuss, or disclose their compensation or the compensation of other employees or applicants; or any other basis

protected by law. Virginia Tech is an Equal Opportunity/Affirmative Action Institution. A more detailed description of the position and information about the Department of Engineering Education can be found at <http://www.enge.vt.edu/>. Please direct inquiries and nominations to Marie C. Paretti, Search Committee, engeheadsearch@vt.edu; +1 (540)231-1812.

ENGINEERING EDUCATION (CONT.)

THE COLLEGE OF ENGINEERING AT THE UNIVERSITY OF GEORGIA INVITES applications for an assistant professor position in the area of engineering education research. Applications for other levels will be considered commensurate with the applicant's qualifications. The successful applicant will join the Engineer-



Lecturer or Senior Lecturer

Chemical and Biological Engineering

Iowa State University in Ames, Iowa

To apply please see our website:

<http://www.iastatejobs.com/postings/21543>

Search by Vacancy ID: 600175

Guaranteed Consideration Date: 11/1/16

ISU is an EO/AA Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected veteran status.



THE DEPARTMENT OF MECHANICAL ENGINEERING IN THE SCHOOL OF ENGINEERING AND COMPUTER SCIENCE AT BAYLOR UNIVERSITY SEEKS dynamic scholars to fill one clinical professor of practice and one lecturer position. Exceptional candidates in all areas of mechanical engineering are encouraged to apply. The two positions are sought to fill specific program areas, including (1) mechanics, materials, and manufacturing, (2) thermofluid sciences, or (3) biomaterials/ biomechanics/ biofluids. Both positions are expected to teach basic mechanics courses and laboratories, a measurements course, and/or engineering design courses. Responsibilities for both positions include teaching and mentoring students, scholarly engagement in engineering education, curriculum development, and professional service. In light of Baylor's strong Christian mission, each successful applicant must have an active Christian faith.

The positions will begin in August 2017. Application materials may be submitted at apply.interfolio.com/38984 and apply.interfolio.com/38902.

Baylor is a Baptist university affiliated with the Baptist General Convention of Texas. As an Affirmative Action/Equal Employment Opportunity employer, Baylor encourages minorities, women, veterans, and persons with disabilities to apply.



THE DEPARTMENT OF MECHANICAL AND ENERGY ENGINEERING (MEE) AT UNIVERSITY OF NORTH TEXAS (UNT) INVITES applications for faculty positions in MEE and a director of PACCAR Technology Institute.

The Department of Mechanical and Energy Engineering (MEE) at the University of North Texas (UNT) is 10 years young and has experienced rapid growth over this period. UNT is an "R1 Doctoral University with the highest research activity," which is Carnegie's top classification for research universities. The department is committed to educating globally competitive engineers and tomorrow's leaders by teaching innovative courses and conducting leading edge research within the broad area of mechanical and energy-related sciences. With an undergraduate enrollment of more than 790 students and a graduate enrollment of 65 M.S. and 20 Ph.D. students, it is one of the most sought-after majors in the college of engineering. To participate in this growth, we are seeking new colleagues and fellow teacher-scholars interested in joining a dynamic department with an ABET accredited degree program and research-oriented graduate programs. The position details can be obtained below:

Director, PACCAR Technology Institute (professor/associate professor—system ID# 6001344): PACCAR Institute is an interdisciplinary research center that combines technology, entrepreneurship, and education for technological advancements and excellence in education. Although not restricted, the current activities have focused more on energy-related areas. The director would be expected to provide intellectual leadership for developing outstanding interdisciplinary research programs funded by external sources to support the mission of the institute. The director will hold a tenure-track faculty position in the Department of Mechanical and Energy Engineering. She/he is expected to develop strong collaborative research programs with researchers within and outside the department, teach MEE undergraduate and graduate courses, support and mentor students, and provide professional and public service activities in the best interest of our students, the Department of Mechanical and Energy Engineering, and the College of Engineering at UNT.

Associate/assistant professor (3 positions—system ID#'s 6001345, 6001346, and 6001343): The positions are available in broad areas of mechanical and energy engineering, including thermo-fluid sciences, energy, solid mechanics, mechanical systems, modeling and simulation, and design. Preference will be given, but not limited, to research expertise and experience in applied areas of MEE such as computational mechanics, computational thermo-fluid sciences, alternate or renewable energy, sustainable/green manufacturing, corrosion engineering, and combustion engineering that have good potential for research funding and technology development.

Lecturer (system ID# 6001325): This non-tenure-track position is available for teaching undergraduate courses and supervising design projects in core areas of mechanical engineering, such as solid mechanics, control and robotics, mechanical systems, or design and manufacturing.

The faculty hired (except the lecturer) will be expected to develop strong research programs funded by external sources in their areas of expertise, collaborate with researchers within and outside the department, teach MEE undergraduate and graduate courses, support and mentor students, and provide services to the university and the profession.

Minimum qualifications include an earned doctorate in mechanical engineering or a closely related field. For the assistant professor position, a strong publication record, the potential to succeed in securing research funding, and mentoring graduate students are required. For the associate professor/professor position, the additional requirements include a sustained record of scholarship and external research funding with active grant(s), successful mentoring of junior faculty, and recognized services. All applicants must submit online applications at <http://facultyjobs.unt.edu>. Search assistant/associate professor/director under mechanical and energy engineering. Completed applications will be reviewed starting December 5, 2016, and continue until the positions are filled. Offers of employment for these positions will be made dependent upon available funding. The University of North Texas is an Equal Opportunity/Access/Affirmative Action/Pro-Disabled & Veteran Institution committed to diversity in its employment and educational programs, thereby creating a welcoming environment for everyone.

For more information about UNT and MEE visit mee.unt.edu or UNT's website. For further information regarding the positions, please contact Dr. Vish Prasad, Professor, chair of the MEE faculty search committee at vish.prasad@unt.edu.

Milwaukee School of Engineering SOFTWARE ENGINEERING/COMPUTER SCIENCE FACULTY POSITION

Milwaukee School of Engineering (MSOE) invites applications for a full-time faculty position in Software Engineering/Computer Science to join our Electrical Engineering and Computer Science (EECS) department. This position is available beginning in the fall of 2017. Rank will depend on qualifications and experience of the candidate.

Applicants must have an earned Doctorate degree in computer science, computer engineering, software engineering, or a closely related field by the beginning date of appointment.

MSOE expects and rewards a strong primary commitment to excellence in teaching at the undergraduate level. Excellent written and oral communication skills are required. Leadership in the growth of undergraduate engineering education and continued professional development are expected.

MSOE's ABET-accredited undergraduate software engineering program had its first graduates in spring 2002, among the first in the U.S.

Milwaukee School of Engineering is an independent, non-profit university with about 2,900 students that was founded in 1903. MSOE offers Bachelor's and Master's degrees in engineering, business and nursing. The university has a national academic reputation; longstanding ties to business and industry; dedicated professors with real-world experience; a 96% placement rate; and the highest ROI and average starting salaries of any Wisconsin university according to PayScale Inc. MSOE graduates are well-rounded, technologically experienced and highly productive professionals and leaders.

Please visit our website at www.msoe.edu/hr to apply. When applying, please upload a single PDF file which includes: 1) a letter of interest; 2) a detailed resume; 3) three professional references; 4) statement of technical areas of teaching interest; and 5) if available, evidence of successful teaching.



MSOE is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, religion, color, national origin, sex, age, status as a protected veteran, among other things, or status as a qualified individual with disability.

ing Education Transformations Institute (EETI) that is being established in the College of Engineering. This is an exciting opportunity to contribute to an innovative, next-generation engineering education initiative that fuses high-quality fundamental engineering education research with systemic local and national impacts. Engineering education is a key area of future investment in the college that builds on the internationally recognized engineering education research program at UGA to infuse a culture of educational scholarship and innovation into all aspects of our growing college. Through the unique organizational structure of our interdisciplinary college, EETI reaches across all three schools and 15 degree programs with opportunities

for an engineering education researcher to contribute to disciplinary instruction, educational development, and directly advance local educational transformations, impacts, and cultural change. For more details, please see the full position announcement at: http://www.engineering.uga.edu/uploads/main/ENED_position_announcement_updated.pdf. Complete applications received by December 1, 2016 are assured of consideration. Please submit applications at <http://facultyjobs.uga.edu/postings/1420>. Questions related to the positions may be directed to Dr. Jo Walther, email: jwalther@engr.uga.edu; Telephone: 706-542-0313. The University of Georgia is an Equal Opportunity/Affirmative Action employer. All qualified applicants

will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, gender identity, sexual orientation, or protected veteran status.

ENGINEERING— MULTIPLE DISCIPLINES

THE COLLEGE OF ENGINEERING, COMPUTER SCIENCE, AND TECHNOLOGY (ECST) AT CALIFORNIA STATE UNIVERSITY, LOS ANGELES (CAL STATE LA) INVITES applications for tenure-track faculty at the assistant professor level in mechanical engineering, civil engineering, electrical engineering, and computer science. The successful candidate has a strong primary commitment to excellence

in teaching at the undergraduate level, but is also committed to graduate courses and research, as well as able to take advantage of the college's strong, well established ties to local industry. Faculty candidates must have an appreciation for undergraduate teaching and learning at an urban-serving institution and must be capable of developing a research and development program in their field that integrates research into teaching and learning. Faculty must also be willing to engage in STEM-related activities with the local community colleges and K-12. The successful candidate will be committed to the academic success of all of our students and to an environment that acknowledges, encourages, and celebrates diversity and differences. To this end, the successful candidate will work effectively, respectfully, and collaboratively in diverse, multicultural, and inclusive settings. In addition, the successful candidate will be ready to join faculty, staff, students, and administrators in our university's shared commitment to the principles of engagement, service, and the public good. California State University, Los Angeles is one of 23 campuses within the California State University system. Founded in 1947, the university is in the city of Los Angeles, adjacent to the San Gabriel Valley, and has more than 23,000 students who reflect the rich ethnic diversity of the area. The university is a federally recognized Hispanic-serving and minority-serving institution. Faculty may have the opportunity to establish affiliate status with other academic



**LECTURER POSITION (OPEN RANK)
IN NUCLEAR ENGINEERING**

The Department of Nuclear Engineering at the University of New Mexico (UNM) invites applications for a full-time, non-tenure career path position of either Lecturer II or Lecturer III. The prerequisite for Lecturer II is an M.S. in Nuclear Engineering and extensive (minimum of three years) experience as a practicing nuclear engineer. The prerequisite for Lecturer III is an earned Ph.D. in Nuclear Engineering or closely related field by the appointment start date.

We are looking for someone with a strong career interest in nuclear engineering education and potential excellence as an educator. Previous experience teaching courses in undergraduate nuclear engineering and familiarity with accreditation (ABET) processes and recent pedagogical approaches in engineering are desirable qualifications. Good interpersonal skills and an ability to work in a collegial and collaborative fashion with culturally and economically diverse students, faculty and staff inside and outside the classroom are critical for a good fit to our program.

The candidate will be expected to typically teach three courses per semester. These courses will include, but not be limited to, undergraduate, practice-oriented courses such as design, unit operations, and laboratory courses in radiation detection and reactor physics. To facilitate teaching the reactor laboratory, the candidate will be expected to become a licensed operator of our AGN-201M low-power, teaching nuclear reactor. Additionally, experience with recent pedagogical approaches in engineering, and modern course delivery methods such as web-enhanced and on-line courses is preferred.

Beyond teaching, the typical expectations for this position include: active participation in all aspects of the ABET accredited undergraduate program (which might include advisement of students and student organizations) and participation in both committees and the accreditation preparation process. Responsibilities related to this position may also include curriculum development, operation of teaching laboratories, management of teaching laboratory infrastructure, and electronic course management.

To be eligible for this position the candidate must be a citizen of the United States or a permanent resident ("Green Card Holder"). The successful candidate will also have a demonstrated commitment to diversity, equity, inclusion, and student success, as well as success in working with broadly diverse communities.

The Department of Nuclear Engineering is one of six departments in the School of Engineering, has nine regular faculty, approximately 90 undergraduate students (Sophomore-Senior), and approximately 50 graduate students. We have modest class sizes, which allows for rich personal interaction with the students. For more information about the Department of Nuclear Engineering and the School of Engineering see ne.unm.edu and soe.unm.edu.

New Mexico has a rich and varied culture. In keeping with UNM's fundamental commitment to diversity, candidates from all underrepresented groups are encouraged to apply.

For best consideration, complete applications must be received by November 30, 2016. The position, however, will remain open until filled. A complete application consists of: (1) a cover letter/letter of interest; (2) a comprehensive CV; (3) a vision statement articulating teaching interests, experience and philosophy; and (4) the names and contact information (address, phone number and email address) of three professional references. Applications must be submitted online through UNMJobs.unm.edu, by referencing posting # 0836392 or by going to <https://unmjobs.unm.edu/applicants/jsp/shared/frameset/frameset.jsp?time=1475868534032>.

Inquiries should be sent to Prof. Gary Cooper, Chair of the Search Committee: garywc@unm.edu

The University of New Mexico is an Equal Opportunity/
Affirmative Action Employer/Educator.

programs, including the Honors College and ethnic/area studies. The College of ECST offers ABET-accredited B.S. programs in computer science and civil, electrical, and mechanical engineering, as well as B.S. degrees in industrial technology, aviation administration, fire protection administration and technology, and graphic communications. The college also offers master of science degrees in computer science, civil, electrical, and mechanical engineering and a master of arts degree in industrial and technical studies. More detail on each position, as well as application information can be found at: <http://www.calstate-tela.edu/academic/position/college-engineering-computer-science-technology-position-announcements>.

MECHANICAL ENGINEERING

LOYOLA MARYMOUNT UNIVERSITY (LMU) IN LOS ANGELES SEEKS an assistant professor in mechanical engineering with expertise in bioengineering and/or advanced solid mechanics and design. Candidates should have a Ph.D. in mechanical engineering or a closely related field. Successful candidates will be dedicated to excellent teaching, developing a thriving research program, and supporting the mission of our institution. Apply online at <https://jobs.lmu.edu/>. LMU is an equal opportunity institution.

MECHANICAL ENGINEERING (CONT.)

THE DEPARTMENT OF MECHANICAL ENGINEERING INVITES appli-

cations for a full-time, tenure-track faculty position at the level of assistant professor in the area of robotics or mechatronics, commencing fall 2017. Required qualifications: Ph.D. in mechanical engineering or a closely related technical field specializing in robotics or mechatronics, broad laboratory expertise in techniques and instrumentation used in all areas of mechanical engineering, and current legal ability to work permanently in the U.S. Desired qualifications: P.E. license, relevant teaching experience, engineering experience in U.S. industry, and experience in robotics and/or mechatronics applications in manufacturing. To apply or view the complete position description, please visit our website at www.gonzaga.edu/jobs. Applicants are required to complete an online application. Questions about this position may be directed via email to Dr. Massimo "Max" Capobianchi, capobianchi@gonzaga.edu. The position closes January 13, 2017, at midnight PST. For assistance with your online application, call 509-313-5996. Gonzaga University is a Jesuit, Catholic, humanistic institution, and is therefore interested in candidates who will contribute to its distinctive mission. Gonzaga University is a committed EEO/AA employer and encourages diversity among candidates. All qualified applicants will receive consideration for employment without regard to their disability status and/or protected veteran status.

MECHANICAL ENGINEERING (CONT.)

THE DEPARTMENT OF



Faculty Positions Available

The University of Windsor's Faculty of Engineering invites applications for the following tenure-track Assistant Professor positions commencing **July 1, 2017**. These positions are a segment of 50 new tenure-track Assistant Professor appointments that the University of Windsor is making over three years as part of a visionary strategic investment in our students and faculty. This cohort of 50 new teachers, scholars, researchers, and creators will demonstrate both disciplinary grasp and interdisciplinary reach, providing extraordinary leadership in research, teaching, and learning for a new generation. These positions are subject to final budgetary approval.

- Assistant Professor in **Aerospace Engineering**
- Assistant Professor in **Autonomous Systems/Internet of Things (IoT)**
- Assistant Professor in **Engines, Combustion & After-treatment Systems for Advanced Fuels**
- Assistant Professor in **Ergonomics**
- Assistant Professor in **Intelligent Transportation Systems**
- Assistant Professor in **Lightweight Automotive/Aerospace Products Engineering**
- Assistant Professor in **Microsystems and MEMS**
- Assistant Professor in **Sustainable Energy Systems**

For full job postings, please visit www.uwindsor.ca/facultypositions

Application Requirements

- a letter of application, including a statement of citizenship/immigration status;
- a detailed and current curriculum vitae;
- a concise statement of teaching and research interests;
- a sample of published research papers;
- a teaching dossier or teaching portfolio showing evidence of teaching effectiveness and excellence that will include sample course syllabi/outlines, teaching evaluations, and a statement of teaching philosophy and interests (resources and templates for completing a teaching dossier can be found at www.uwindsor.ca/ctl/links-pd), and;
- four (4) names and addresses of potential referees who could provide letters of reference.

Registration or eligibility to register as Professional Engineer in the Province of Ontario is a must. This normally requires an undergraduate degree in Engineering from an accredited/recognized university. Only those applicants selected for interview will be contacted. The short-listed candidates may be invited to provide further information in support of their applications.

To ensure full consideration, complete an online application found on the job advertisement at www.uwindsor.ca/facultypositions by the **deadline date of December 1, 2016**. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointment committee.

The Faculty of Engineering, with over 1,700 undergraduate and over 900 graduate students, is a thriving program within the University with strong connections to the community and industry. The Faculty of Engineering offers multi-faceted programs that tackle real-world problems, interacts with local industry, and provides its students with ample opportunities for hands-on experience. The Faculty of Engineering has a strong commitment to high quality research and in its new \$120M home, the Ed Lumley Centre for Engineering Innovation (CEI), offers an excellent environment for teaching and research. For further information, visit our website at www.uwindsor.ca/engineering.

The University of Windsor is a comprehensive research and teaching institution with more than 15,500 students. We are a welcoming community committed to equity and diversity in our teaching, learning, and work environments. In pursuit of the University's Employment Equity Plan, members from the designated groups (Women, Aboriginal Peoples, Visible Minorities, Persons with Disabilities, and Sexual Minorities) are encouraged to apply and to self-identify. If you need an accommodation for any part of the application and hiring process, please notify the Faculty Recruitment Coordinator (recruit@uwindsor.ca). Should you require further information on accommodation, please visit the website of the Office of Human Rights, Equity & Accessibility (OHREA). All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

www.uwindsor.ca/facultypositions

MECHANICAL ENGINEERING INVITES applications for a full-time, tenure-track faculty position at the level of assistant professor in the area of engineering design commencing Fall 2017. Required qualifications: Ph.D. in mechanical engineering or in a closely related technical field, a minimum of five years of U.S. industrial experience in engineering design, and current legal ability to work permanently in the U.S. Desired qualifications: P.E. license, relevant teaching experience, and 10 or more years of U.S. industrial experience in design engineering. To apply or view the complete position description, please visit our website at www.gonzaga.edu/jobs. Applicants are required to complete an online application. Questions about this position may be directed via email to Dr. Massimo "Max" Capobianchi, capobianchi@gonzaga.edu. The position closes January 13, 2017, at midnight PST. For assistance with your online application, call 509-313-5996. Gonzaga University is a Jesuit, Catholic, humanistic institution, and is therefore interested in candidates who will contribute to its distinctive mission. Gonzaga University is a committed EEO/AA employer and encourages diversity among candidates. All qualified applicants will receive consideration for employment without regard to their disability status and/or protected veteran status.

NON-TENURE TRACK FACULTY

ELECTRICAL AND COMPUTER ENGINEERING

THE ELECTRICAL AND COMPUTER ENGINEERING DEPARTMENT AT BAYLOR UNIVERSITY SEEKS faculty applicants for a lecturer or a senior lecturer position. Any area of expertise in ECE will be considered, but applicants in computer engineering will be given special consideration. Applicants must demonstrate potential for excellent teaching; applicants for Senior Lecturer must additionally present evidence of achievement in teaching commensurate with the desired rank. The ECE department offers B.S., M.S., M.E., and Ph.D. degrees, and is rapidly expanding its faculty size. Facilities include the Baylor Research and Innovation Collaborative (BRIC), a newly-established research park minutes from the main campus. Chartered in 1845 by the Republic of Texas, Baylor University is the oldest university in Texas. Baylor has an enrollment of more than 15,000 students and is a member of the Big XII Conference. Baylor's mission is to educate men and women for worldwide leadership and service by integrating academic excellence and Christian commitment within a caring community. The department seeks to hire faculty with an active Christian faith; applicants are encouraged to read about Baylor's vision for the integration of faith and learning at www.baylor.edu/profuturis/. Applications will be considered on a rolling basis until the January 1, 2017 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 teaching interests; 4) the names and contact information for at least four professional references. Additional information is available at www.ecs.baylor.edu. Should you have any questions about the position, feel free to contact the search chair, Dr. Keith Schubert at keith_schubert@baylor.edu. Please submit materials to <https://apply.interfolio.com/38070>. 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 women, minorities, veterans and individuals with disabilities to apply.

ENGINEERING— MULTIPLE DISCIPLINES: MULTIPLE POSITIONS

THE DEPARTMENT OF MECHANICAL ENGINEERING AND THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING AT THE UNIVERSITY OF KENTUCKY INVITE applications for the positions of lecturer in chemical engineering and lecturer in mechanical engineering. These are non-tenure-track faculty positions

at the Engineering Extended Campus Program in Paducah, Kentucky, with duties oriented primarily towards undergraduate instruction in engineering. The initial appointments will be for two years and are renewable. The anticipated start date is fall 2017. Applicants must hold a Ph.D. degree in mechanical engineering or chemical engineering (or closely related fields). Prior industrial experience and/or professional licensure is valued. The successful candidate will be primarily responsible for teaching core courses in their disciplinary engineering curriculum. Applicants should have strong written and oral communication skills and a commitment to excellence in undergraduate education. Review of applications will begin immediately and will continue until the position is filled. Candidates should apply for the position (posting FE00728 for mechanical engineering, posting FE00729 for chemical engineering) online at <https://ukjobs.uky.edu/>. The priority deadline for acceptance of applications is November 30, 2016. Submit PDF files consisting of a letter of interest, complete curriculum vitae, a detailed statement of teaching philosophy, and the names and contact information for at least three references. For more information, contact Prof. David Silverstein, david.silverstein@engr.uky.edu. Information on the Paducah Programs can be found at <http://www.engr.uky.edu/paducah>. The University of Kentucky is an Equal Opportunity university. We encourage applications from all interested and qualified individuals.