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ACADEMIC OPENINGS

THE CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT OF THE HENRY SAMUEL SCHOOL OF ENGINEERING AND APPLIED SCIENCE AT THE UNIVERSITY OF CALIFORNIA, LOS ANGELES (UCLA)

is seeking a faculty candidate with extraordinary research and teaching capability in Chemical and Biomolecular Engineering. Candidates must have a PhD degree in chemical engineering or a related field, and be qualified to teach undergraduate and graduate courses and to mentor MS and PhD students. The successful candidate will have an outstanding record of contributions to chemical and/or biomolecular engineering. Senior, qualified candidates may be

considered for the William D. Van Vorst Chair in Chemical Engineering. **Please apply by 12/20/15 at <https://recruit.apo.ucla.edu/apply/JPF01501>.** The department is seeking outstanding candidates with the potential for exceptional research, and excellence in teaching, and also a clear commitment to enhancing the diversity of the faculty, graduate student population, and of the majors in chemical and biomolecular engineering. The University of California is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, age or protected veteran status. For the complete University of California nondiscrimination and affirmative action policy see: UC Nondiscrimination and Affirmative Action Policy.

IOWA STATE UNIVERSITY

Chemical and Biological Engineering, Assistant Professor

The Department of Chemical and Biological Engineering at Iowa State University seeks candidates for a tenure-track faculty position at the Assistant Professor level to join twenty-six collegial, supportive, and diverse faculty. Candidates will be expected to develop and teach undergraduate and graduate courses, establish and sustain strong research programs in their area of expertise, and provide service to the department, university, and broader profession. The area of expertise is open. The department is especially strong in bio-renewables, nanomaterials, bioengineering, and computational fluid dynamics and simulation.

The College of Engineering supports the Dual Career Services Program, which serves as a focal point for efforts to find career options for the partners of incoming faculty. Iowa State University and the College of Engineering are invested in increasing the participation of those traditionally under-represented among engineering faculty.

Iowa State University is classified as a Carnegie Foundation Doctoral/Research University-Extensive, a member of the Association of American Universities (AAU), and ranked by *U.S. News and World Report* as one of the top public universities in the nation. Over 34,000 students are enrolled, and served by over 6,100 faculty and staff (see www.iastate.edu). Ames, Iowa is a progressive community of 60,000, located approximately 30 minutes north of Des Moines, and recently voted second best most livable small city in the nation (see www.amescvb.com).

Iowa State University is an equal opportunity employer committed to excellence through diversity and strongly encourages applications from all qualified applicants, including women, underrepresented minorities, and veterans. ISU is responsive to the needs of dual career couples, is dedicated to work-life balance through an array of policies, and is an NSF ADVANCE institution.

All faculty members are expected to exhibit and convey good citizenship within the program, the department, college, and university activities and collegial interactions, and maintain the highest standards of integrity and ethical behavior.

To apply for this position, please go to www.iastatejobs.com, click on "Search Jobs," search for posting number: 500109, and then click on "Apply for this Job" to complete the employment application. Guaranteed Consideration Date is 12/7/2015.

udjobs

Employer of Choice

Assistant Professor - Department of Chemical and Biomolecular Engineering

The Department of Chemical and Biomolecular Engineering at the University of Delaware invites applications for a tenure-track Assistant Professor position.

REQUIREMENTS: Ph.D. or equivalent in chemical engineering or a related field.

DUTIES: Develop and lead a vigorous research program; teach and advise students at both the undergraduate and graduate levels; participate actively in the departmental and larger professional community. Applications in all research areas will be considered. Our department (www.che.udel.edu) is consistently ranked among the ten leading chemical engineering departments nationwide. Current research includes strong efforts in most areas of chemical engineering science, including catalysis and reaction engineering, energy, materials, bioengineering, soft matter, thermodynamics and transport phenomena.

APPLICATION: Please submit a curriculum vitae, a description of research and teaching interests, and the names, addresses, telephone numbers & email addresses of at least 3 references at apply.interfolio.com/30871. The committee will commence review of applications in October 2015 and applications will continue to be considered until the position is filled. The curriculum vitae & letters of recommendation will be shared wide/department faculty.

Equal Employment Opportunity: The University of Delaware is an equal opportunity/affirmative action employer and Title IX institution. For the University's complete non-discrimination statement, please visit www.udel.edu/aboutus/legalnotices.html. Employment offers will be conditioned upon successful completion of a criminal background check. A conviction will not necessarily exclude you from employment.



ASSISTANT PROFESSOR CHEMICAL AND BIOLOGICAL ENGINEERING PRINCETON UNIVERSITY

The Department of Chemical and Biological Engineering at Princeton University seeks outstanding applicants for a tenure-track appointment at the Assistant Professor level, effective as early as September 1, 2016. The search is open to candidates specializing in any area of chemical engineering, including but not limited to: systems engineering; thermodynamics and statistical mechanics; fluid mechanics and transport phenomena; reaction engineering; and materials. The successful candidate should have a Ph.D. in Chemical Engineering or a related field, demonstrated excellence in academic research, and a strong commitment to teaching and advising undergraduate and graduate students. We seek faculty members who will create a climate that embraces excellence and diversity, with a strong commitment to teaching and mentoring that will enhance the work of the department and attract and retain a diverse student body. **Candidates must complete an online faculty application at <https://jobs.princeton.edu>; a curriculum vitae, detailed descriptions of teaching and research interests, reprints of selected publications, and the names and addresses of at least three references should be attached as .pdf documents to the on-line application.** This position is subject to Princeton University's background check policy. Candidates are encouraged to apply by October 30, 2015. Princeton University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, or any other characteristic protected by law.

AICHE Career Services

www.aiche.org/careers

Job seekers: Whether you're a student looking for an internship, a young professional looking for your first job, or a seasoned engineer looking to breathe new life into your career, AIChE offers a variety of options to help guide you. Learn about Institute networking opportunities, attend a career fair, get professional advice, or simply check out the AIChE job board, CareerEngineer.

Employers: Connect with job seekers via a host of options. Post your opening on the AIChE CareerEngineer Online Job Board with add-on options to keep your posting near the top of the board and to be featured in a job flash email and the AIChE SmartBrief E-newsletter. Attend a virtual or on-site career fair. Contact sales@aiche.org to find out about these and many other opportunities.

Imperial College London

Department of Chemical Engineering

Lecturers/Senior Lecturers

Minimum starting salary: £46,410 p.a. (Lecturer)
or £57,020 p.a. (Senior Lecturer)

The Department of Chemical Engineering at Imperial College London is consistently recognised as world-leading, receiving excellent results in multiple ranking exercises including the QS rankings and the UK Research Excellence Framework.

We attribute our success to the wide range of skills and expertise of our students and staff. Our research interests range from the microscopic to the megascale and we have expertise in mathematical analysis and modelling as well as experimental investigation and measurement. Much of our research is collaborative and cross-disciplinary with academic institutions and industrial partners in the UK and worldwide.

We are now inviting applications from outstanding individuals to join our academic staff. We are open to all areas of Chemical Engineering and would particularly welcome applications in the areas of energy engineering, bio-related engineering, molecular science & engineering and engineering medicines.

One position will be available through the Qatar Carbonates and Carbon Storage Research Centre (QCCSRC), a joint activity between the Departments of Chemical Engineering and Earth Science and Engineering secured through major long-term funding by Qatar Petroleum, Shell and the Qatar Science and Technology Park. For this position there is a strong preference for candidates interested in applying computational fluid dynamics research in the context of carbon sequestration.

Applicants must be a graduate (or equivalent) in Chemical Engineering or a related discipline, and also hold a doctorate (or equivalent). You should have an outstanding research record, as demonstrated by your publications. In addition to the application form, you should attach a full CV including a list of publications, a statement of your research plans over the next 5 years (2 pages maximum) and a brief statement of your teaching interests (1 page maximum).

For full details of the available posts, please go to <http://www3.imperial.ac.uk/employment>

Our preferred method of application is online via our website at: <https://www.imperial.ac.uk/job-applicants/> (Please select "job search" then enter the job title or vacancy **reference number EN20150290RD** into keywords"). Please complete and upload an application form as directed.

Closing date: 30 November 2015.

Imperial Managers lead by example (<http://bit.ly/163Lbh7>).

Committed to equality and valuing diversity. We are also an Athena SWAN Silver Award winner, a Stonewall Diversity Champion, a Two Ticks Employer, and are working in partnership with GIREs to promote respect for trans people.



TENURE-TRACK POSITION**DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE
UNIVERSITY OF CALIFORNIA, DAVIS**

Applications are invited for two Assistant Professor positions in chemical engineering. Applications from all areas of chemical and biochemical engineering will be considered. The successful candidates will develop a vigorous program of independent research, and teach chemical engineering courses at the undergraduate and graduate levels. Candidates must have a Ph.D. degree in chemical engineering or a closely related field, have demonstrated excellence in research, and be committed to excellence in teaching. We expect the candidates to be able to teach any of the courses in the undergraduate chemical engineering curriculum as well as graduate courses within their field of specialization. **Consult <http://chms.engineering.ucdavis.edu/> for our on-line application procedure and requirements.** The position is open until filled; but to assure full consideration, applications should be submitted no later than 5 pm October 15, 2015, for a start date of July 1, 2016. UC Davis is an affirmative action / equal opportunity employer, and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities, and veterans.

**TENURE-TRACK POSITIONS
AT TEXAS TECH UNIVERSITY**

The Department of Chemical Engineering at Texas Tech University invites applications for several faculty positions at the Assistant Professor level. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field. Research interests should complement strengths in the department in bioengineering, energy and sustainability, polymers and soft matter, and computational methods/modeling in chemical engineering. Successful candidates will be expected to develop nationally and internationally recognized and externally funded research programs, develop departmental and multidisciplinary collaborations, teach existing graduate and undergraduate courses in chemical engineering and develop new courses, and perform internal and

professional service at a level commensurate with rank. **Applicants must apply at the TTU online job application web site at www.texastech.edu/careers; use the following requisition numbers: 4888BR for polymers and soft matter and 4896BR for energy and sustainability.** The application process requires uploading a detailed CV, a statement of research and teaching interests, and the contact information for at least three references. Applications will be accepted until the position is filled, with those received prior to October 15, 2015, assured full consideration. Candidates must be currently eligible to work in the United States. As an Equal Opportunity/Affirmative Action employer, Texas Tech University is committed to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who contribute, through their research, teaching and/or service, to the diversity and excellence of the academic at Texas Tech University. The university welcomes applications from minorities, women, protected veterans, persons with disabilities, and dual-career couples. See <http://www.depts.ttu.edu/che/departments/jobs.php> for more information.

**THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR
ENGINEERING AT THE UNIVERSITY OF NEBRASKA-LINCOLN**

(<http://engineering.unl.edu/chme>) invites applications for one or more positions at the rank of assistant or associate professor. The UNL College of Engineering is undergoing an exciting period of significant growth, related in part to the University joining the Big Ten Conference in 2011. The College anticipates hiring 100 new faculty members in the next five years. Three research areas of emphasis are: A) biomedical, with opportunities to build collaborations and partnerships with the University of Nebraska Medical Center and Creighton University Medical Center, B) manufacturing science and engineering, including the manufacture of equipment, devices and components, and C) national defense through the National Strategic Research Institute at the University of Nebraska, including research areas such as combating weapons of mass destruction. In addition to these, priority areas for research include energy, nanoengineering,



المعهد البترولي
THE PETROLEUM INSTITUTE
University & Research Center

**The Petroleum Institute - University and Research Center
Abu Dhabi, United Arab Emirates**

Assistant/Associate/Professor
(Environmental Engineering/Waste-water Treatment/Solid Management)

The department of chemical engineering at the Petroleum Institute in Abu Dhabi invites applications for a faculty position at the Assistant/ Associate/ Professor level with expertise in Environmental Engineering mainly in Wastewater Treatment and/or Solid Management. Our laboratories include the Catalysis, Reaction Engineering and Process Intensification laboratory, the Flow Assurance and Production Chemistry laboratory, the Polymer laboratory (polymer chemistry, polymer characterization and testing as well as polymer processing), and the Water Management laboratory.

The chemical engineering faculty members play a major role in interdisciplinary research and collaborate actively in joint research projects through the PI standing agreements with partner universities.

Applicants must have an earned Ph.D. degree in Chemical Engineering. It is preferred that the candidate has an undergraduate degree in chemical engineering. Previous teaching at the university level and industrial experience in Environmental Engineering, Wastewater Treatment, Solid Management would be

- Strong commitment to excellence in teaching chemical engineering courses at the undergraduate and graduate level.
- Research interests and research program development experience in Environmental engineering, Wastewater Treatment, Solid Management
- Demonstrated ability or potential to initiate and direct funded scholarly work of high caliber.
- Record of professional service, and institutional and professional committee work

Successful candidates will be expected to teach and develop undergraduate and graduate courses, develop and sustain a research program in their area of expertise, write scholarly publications, advise graduate and undergraduate students, and work collegially in support of the continuing growth of the Department

of Chemical Engineering and the Petroleum Institute.

Salary/Benefits:

The total compensation package includes a tax-free 12-month base salary, and a benefits allowance that covers relocation, housing, initial furnishings, utilities; transportation (automobile purchase loan), health insurance, end-of-service benefit and annual leave travel. Applicants must be in excellent health and will be required to pass a pre-employment physical examination.

Institution:

The Petroleum Institute was created in 2001 with aspirations to establish itself as a world-class institution in engineering in areas of significance to the oil and gas and the broader energy industries. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centres on its campus. For additional information, please refer to the PI website: www.pi.ac.ae

How to Apply:

Interested individuals should submit in pdf format a letter of application online at <http://www.pi.ac.ae/jobs/index.php> with their curriculum vitae, statements of teaching and research interests, up to five selected reprints/preprints, and contact information for at least three professional references. Applications cannot be accepted by any other mechanism. Review of applications will begin immediately and will continue until February 11th, 2016. Only shortlisted applicants will be notified.

Electronic Submission is preferred at www.pi.ac.ae in MS Word/PDF format.

**Application closing date
30th October 2015**

and computational approaches to solving engineering problems. Applicants are expected to have a Ph.D. or equivalent in chemical engineering or a closely related field, and at least one degree (B.S., M.S. or Ph.D) in chemical engineering. Applicants should have a record of strong scholarly achievement and a demonstrated commitment to excellence in undergraduate and graduate education. Candidates must have the potential to establish a strong externally funded research program. Preferred candidates demonstrate strong potential in the priority area(s) of emphasis: Biomedical, Manufacturing, National Defense, Energy, Nanoengineering and Computational approaches to solving engineering problems. Opportunities for collaborations across the University of Nebraska include many state- and federally-funded research centers and programs. The Department of Chemical and Biomolecular Engineering has an outstanding infrastructure for conducting research, including several central facilities at the University of Nebraska-Lincoln. **Applications must be submitted via <http://employment.unl.edu> (requisition #F_150199).** Complete applications will include a cover letter (with specialty and position level clearly stated), CV, research and teaching statements (4 pages total), and a list of three references. Review of application materials will begin October 15 and continue until the position is filled. The University of Nebraska-Lincoln is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers. See <http://www.unl.edu/equity/notice-nondiscrimination>.

THE SCHOOL OF CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING (CBME) AT THE UNIVERSITY OF OKLAHOMA

invites applications for a tenure-track faculty position at the assistant professor level with an expected starting date in Fall 2016. Candidates with research expertise in all fields will be considered, but the School is particularly interested in renewable or conventional energy as well as water treatment processes with special interest in the water-energy nexus. Other traditional areas of strength in CBME including bioengineering, catalysis, surface science, surfactants, and materials science are also of interest. Candidates must hold an earned doctorate in chemical engineering or closely related discipline. Salary will be commensurate with experience and qualifications. Successful candidates will be committed to excellence in both research and education, and they will function effectively in a multidisciplinary research environment. **Candidates should send a resume, description of research plans, teaching and outreach interests, and names of three references via email to: cbme@ou.edu.** Review of completed applications will begin on November 1, 2015 and will continue until the position is filled. The University of Oklahoma is an equal opportunity/affirmative action employer. Women, minorities, protected veterans and individuals with disabilities are encouraged to apply

FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

The Department of Chemical and Biomolecular Engineering at Vanderbilt University (VU ChBE) invites applications for a tenure-track faculty position at the rank of Assistant Professor. We seek an outstanding candidate with demonstrated expertise in the areas of materials, particularly at the nanoscale, and/or energy who can synergistically leverage our strong interdisciplinary environment to establish a leading research program that applies engineering approaches to solve key societal problems. We also seek an active, culturally and academically diverse faculty of the highest caliber, skilled in both scholarship and teaching. VU ChBE (<http://engineering.vanderbilt.edu/chbe/>) is located within a short walk of Vanderbilt's other engineering and science research departments as well as the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE), which is the nucleus for nanoscale materials research at Vanderbilt and one of numerous interdisciplinary centers and institutes across the campus. Ranked in the top 20 nationally, Vanderbilt is a private, internationally recognized research university located on 330 park-like acres 1.5 miles from downtown Nashville, Tennessee, which has been named the "It" city by Time magazine. The School of Engineering currently comprises 90 tenured and tenure-track faculty, operates with an annual budget of over \$100 million, including \$70 million from externally funded research, and serves over 1,400 undergraduate and nearly 500 graduate students. In the 2015 rankings of graduate engineering programs by *U.S. News & World Report*, the School ranks in the top three among programs with fewer than 100 faculty (behind Caltech and Harvard) and has risen steadily in the rankings over the past decade. **Applications should be submitted electronically (<https://academicjobsonline.org/ajo/jobs/6019>) and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research**

ETH zürich

Professor or Assistant Professor (Tenure Track) of Process/Chemical Engineering

→ The Department of Mechanical and Process Engineering (www.mavt.ethz.ch) at ETH Zurich invites applications for the above-mentioned position at the full, associate or assistant professor level. Applicants should demonstrate an excellent international record of research accomplishments in engineering and/or natural sciences, including transport phenomena. They should have a strong motivation and undisputable commitment to undergraduate and graduate student education. The successful candidate is expected to establish an ambitious, world-class program in a research-intensive, cross-disciplinary environment at the Institute of Process Engineering where state-of-the-art research in characterization, analysis, and synthesis is ongoing. Excellent research and teaching lab facilities are being established across ETH Zurich (including the initiative with IBM Zurich Research Laboratories). Furthermore, the Swiss research and industrial landscape offers extraordinary opportunities, particularly in pharma, food, biotech, and energy.

→ Candidates should hold a PhD in process engineering, chemical engineering, or a related field. The new professor will be expected to teach undergraduate level courses (German or English) and graduate level courses (English).

→ An assistant professorship promotes the careers of younger scientists. The initial appointment is for four years with the possibility of renewal for an additional three-year period and promotion to a permanent position.

→ Please apply online at www.facultyaffairs.ethz.ch

→ Applications should include a curriculum vitae, a list of publications, and a statement of future research and teaching interests. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Lino Guzzella. The closing date for applications is 15 December 2015. ETH Zurich is an equal opportunity and family friendly employer and is further responsive to the needs of dual career couples. We specifically encourage women to apply.

and a statement of teaching philosophy. Applications received prior to November 1, 2015 will receive priority in evaluation. Vanderbilt University is an equal-opportunity, affirmative-action employer that aspires to become a leader among peer institutions in making meaningful and lasting progress in responding to the needs and concerns of women and members of under-represented minority groups.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT ROWAN UNIVERSITY INVITES APPLICANTS FOR TENURE-TRACK FACULTY POSITION(S) AT THE ASSISTANT PROFESSOR RANK

Successful candidates will develop a vigorous independent research program. Applications from all areas of chemical and biochemical engineering will be considered. Rowan University is a comprehensive state-designated research institution with approximately 14,000 students. Its main campus is located in Glassboro, N.J., 20 miles southeast of Philadelphia, and it has a branch campus and medical school in Camden and a second medical school in nearby Stratford. The institution is also home to the South Jersey Technology Park with business incubator, which fosters the translation of applied research into commercial products and processes. The Chemical Engineering Department has a well-established undergraduate education program, and it is now seeking to build a dynamic graduate research component. A new Ph.D. program and facilities expansion and renovation plan will help support this endeavor. The new faculty member will be part of a nucleus of research-focused faculty who will be hired over the next few years. With this in mind, the candidate is to develop and sustain a nationally recognized externally funded research program, which utilizes and supports our multidisciplinary engineering clinics and graduate programs. A plan for a research program that specifically addresses the above characteristics and enhances the new research mission of the Department must be presented. Demonstrated ability in writing proposals, presenting and publishing, and mentoring students is desirable. A doctorate in chemical engineering or related field is required for appointment. All applications must be submitted through our online applicant tracking system. Applications will be reviewed until position(s) are filled; however, applications received before

February 28, 2016 will receive full consideration. Interested candidates should submit a letter of interest, curriculum vitae, concise research and teaching statements/plans, and full contact information for at least three references. Rowan University is an affirmative action/equal opportunity employer. Women, minorities, and those with disabilities, are encouraged to apply. <http://rowanuniversity.hodessiq.com/job-details.aspx?jobid=5129221>

OPEN FACULTY POSITIONS IN CHEMICAL & BIOMOLECULAR ENGINEERING AT GEORGIA TECH

The School of Chemical & Biomolecular Engineering at Georgia Tech seeks candidates for multiple tenure-track faculty positions. Successful candidates will develop internationally recognized research programs in a collaborative environment that emphasizes both fundamental and industrially oriented research, with experimental or theoretical focus, while contributing to the School's educational excellence. Outstanding candidates from any field with an interest in working in a chemical and biomolecular engineering program are encouraged to apply, but areas of particular interest include (i) chemical biology, (ii) systems engineering, (iii) soft matter, (iv) electronics and photonics, and (v) nanomanufacturing. Candidates should have a PhD in chemical engineering or a related field. **To apply, send a single PDF file to faculty.candidates@chbe.gatech.edu that includes a cover letter, curriculum vitae, description of the proposed research program and teaching plans, and list of at least three professional references.** The School is part of the Georgia Tech College of Engineering. All of Georgia Tech's undergraduate and graduate engineering programs are ranked in the top 10 by *US News and World Report*. Georgia Tech is an equal opportunity employer and a unit of the University System of Georgia.

THE UNIVERSITY OF ALABAMA DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING MULTIPLE TENURE-TRACK FACULTY POSITIONS (ASSISTANT/ASSOCIATE PROFESSOR)

The Department of Chemical & Biological Engineering at The University of Alabama invites applications for multiple tenure-track faculty positions consistent with building upon and expanding the strengths of our faculty (che.eng.ua.edu/people). Candidates will be considered for appointment at the rank of Assistant or Associate Professor commensurate with experience and qualifications. The department is benefiting from the College and University's rapid expansion in enrollment and facilities including completion of the \$300 MM Engineering and Science Complex in summer 2013. These buildings provide nearly 1 million ft² of state-of-the-art research and instructional space. Applicants must have an earned doctorate (Ph.D.) in chemical engineering or a closely related field. Application packages must be submitted electronically and should consist of a CV, statements of research and teaching interests, and contact information for at least three references. Applications will be accepted and reviewed continuously until the positions are filled with a possible start date as early as May 2016. **Please apply online at facultyjobs.ua.edu. (Requisition #0809696).** For additional information regarding this search, contact Prof. Jason E. Bara, chair of the faculty search (jbara@eng.ua.edu). The University of Alabama is an Equal Employment/Equal Educational Opportunity Institution. All qualified applicants will receive consideration for employment without regard to race, color, religion, national origin, sex, sexual orientation, age, genetic information, disability, or protected veteran status, and will not be discriminated against because of their protected status.

LOUISIANA TECH UNIVERSITY CHEMICAL ENGINEERING FACULTY POSITION

Louisiana Tech University's College of Engineering and Science invites applications for multiple tenure-track positions in the Chemical Engineering program. Academic requirements include Ph.D. and undergraduate degrees in Chemical Engineering. Excellence in teaching is required, and candidates must have the ability to develop and sustain an externally funded research program. Special emphasis will be given to candidates whose research leverages the University's excellent experimental and computational resources in Nano/Micro/Biotechnology. Louisiana Tech's 41,000 sq. ft. Institute for Micromanufacturing (IfM) supports research labs and cleanroom space equipped with state-of-the-art microfabrication and nanofabrication equipment and characterization tools. The 52,000 sq. ft. Biomedical Engineering Complex houses research labs and core equipment facilities for the interdisciplinary Center for Biomedical Engineering and Rehabilitation Science (CBERS). Louisiana Tech houses one of the five nodes that comprise the Louisiana Optical Network Initiative (LONI), providing a total of 85 teraflops of supercomputing power to affiliated researchers. The



TENURED OR TENURE-TRACK FACULTY POSITION Chemical Engineering and Materials Science University of Minnesota

The Department of Chemical Engineering and Materials Science at the University of Minnesota (www.cems.umn.edu) seeks to fill a faculty position at the Assistant (tenure-track), Associate (tenured), or Full Professor (tenured) level, commensurate with experience. Outstanding candidates with a PhD degree in any area related to chemical engineering and materials science will be considered. Candidates should have a distinguished academic and research record and a commitment to teaching in a highly interdisciplinary department.

Applications, consisting of a cover letter, CV (including a list of publications), research statement, teaching statement, and a list of three references with contact information (including email addresses) should be submitted online at <https://www1.umn.edu/ohr/employment>. Click on "External Applicants" and search for job posting 303757. Additionally, the posting can be accessed through the Department website: www.cems.umn.edu and clicking on the blue "Faculty Search" button. Review of applications will begin immediately and continue until the position is filled. The successful candidate will be in place as early as Fall 2016.

The University of Minnesota is an equal opportunity educator and employer

Chemical Engineering program at Louisiana Tech University is an ABET accredited program with a growing undergraduate enrollment approaching 300 undergraduate students. To accommodate this growth, a \$37M 110,000 sq. ft. building dedicated to science and engineering integrated education is currently in the detailed design phase, with ground breaking expected Summer 2016. The strong presence of chemical, petro-chemical, and pulp-paper companies in the Gulf Coast region ensures the importance of Louisiana Tech's Chemical Engineering program to the state and region providing excellent job placement and student internship opportunities. The College has over 150 students in the four Ph.D. programs (Engineering, Biomedical Engineering, Computational Analysis and Modeling, and Molecular Science and Nanotechnology – Chemical Engineering faculty have advised all four) and over 200 MS students. The College faculty has an average of approximately \$250k in research expenditures per FTE. The University campus is located in Ruston, Louisiana (population ~25,000) with centralized access to the larger metropolitan areas in Texas, Louisiana, Arkansas, and Mississippi. **Applicants are encouraged to send a cover letter, a curriculum vitae, a teaching philosophy statement, a research program summary, and contact information for three current references to: Dr. James Palmer, Ph.D., Director of Chemical Engineering, cmensearch@latech.edu. Please add "Chemical Engineering Search 2015-2016" in the subject line to submit your information. Only electronic versions of the requested information will be accepted. Review**

of applications will begin November 1, 2015 and will continue until the position is filled. The starting date is September 1, 2016 (possibly sooner). Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT CARNEGIE MELLON UNIVERSITY INVITES APPLICATIONS FOR A TENURE-TRACK FACULTY POSITION

We seek outstanding candidates who are committed to research and teaching excellence in chemical engineering. We are committed to building a culturally diverse research and educational environment. The successful candidate will work with, advise and teach a multicultural student body. We will consider candidates in all research areas and at all ranks. Candidates should have a Ph.D. degree or its professional equivalent in chemical engineering or a related field by the starting date of the appointment. Applications should be submitted through <https://academicjobsonline.org/ajo/jobs/6033>.

ASSISTANT PROFESSOR UNIVERSITY OF NEVADA, RENO

The Chemical and Materials Engineering Department at the University of Nevada, Reno (UNR) invites applications for a tenure-track faculty position in chemical engineering at the rank of assistant professor. A doctoral degree in chemical engineering is required. The position is part of an interdisciplinary cluster in high performance com-

puting (HPC). Successful candidates must describe their expertise in HPC and their research plans in modeling and simulation. The area of application of modeling and/or simulation is not specified, but should be a topical area of dynamic growth within chemical engineering. Responsibilities include developing a nationally recognized and externally funded research program, instruction and advising at the undergraduate and graduate levels, and service to the department, the university, and the profession. The Chemical and Materials Engineering department is a vibrant, growing place to work and excel. In the last five years, the College of Engineering has witnessed an unprecedented growth in student enrollment and number of faculty positions. The College is positioned to further enhance its growth of its students, faculty, staff, facilities as well as its research productivity and its graduate and undergraduate programs. A land grant university, UNR is classified by the Carnegie Foundation as a high research, comprehensive doctoral university, and as "among the best national universities" by *US News and World Report*. UNR is located at the foothills of the Sierra Nevada Mountains, about a four-hour drive from the San Francisco Bay area. Applications should be completed by 12/15/2015 to ensure full consideration. **For full details on the position and to apply online please visit <https://www.unrsearch.com/postings/18909>.** For further information on the department please visit the department's website: <http://www.unr.edu/cme/>. EEO/AA Women, under-represented groups, individuals with disabilities, and veterans are encouraged to apply.

THE OHIO STATE UNIVERSITY

The William G. Lowrie Department of Chemical and Biomolecular Engineering and the Department of Chemistry and Biochemistry seek applicants for a **tenured Associate or Full Professor in Green Chemistry/Sustainable Engineering**. This position is partially funded by Ohio State's Discovery Themes Initiative (discovery.osu.edu), a significant faculty hiring investment in key thematic areas in which the university can build on its culture of academic collaboration to make a global impact.

The incumbent will be engaged in the Sustainable and Resilient Economy (SRE) program (discovery.osu.edu/SRE) and should demonstrate a strong record of publication, intellectual leadership in their research field and a record of leading or working with interdisciplinary research teams.

The incumbent will lead or participate in collaborative research with the Dept. of Chemistry and the broader scholarly community. Individuals with an established research program in reaction engineering including but not limited to catalysis and renewable energy systems relevant to sustainable engineering and chemistry are strongly encouraged to apply.

Deadline: Feb. 1, 2016 or until filled. More info: cbe.osu.edu

The Ohio State University is committed to establishing a culturally and intellectually diverse environment, encouraging all members of our learning community to reach their full potential. We are responsive to dual-career families and strongly promote work-life balance to support our community members through a suite of institutionalized policies. We are an NSF ADVANCE Institution and a member of the Ohio/Western Pennsylvania/West Virginia Higher Education Recruitment Consortium (HERC). The Ohio State University is an EEO/AA employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation or identity, national origin, disability status, or protected veteran status.

THE OHIO STATE UNIVERSITY

The William G. Lowrie Department of **CHEMICAL & BIOMOLECULAR ENGINEERING** has **TWO** faculty openings:

1) ENERGY, Tenure-track, Assistant Professor. Research expertise in a broad range of energy fields, including polymeric or metal oxide materials, devices, and catalytic or non-catalytic processes that are associated with but not limited to photo, electro, and/or chemical systems. PhD in chemical engineering desired.

2) PETROLEUM ENGINEERING, Clinical Assistant Professor. New position; industrial experience preferred. PhD in chemical engineering or equivalent disciplines desired.

Join a collegial group of 20 faculty in our new, state-of-the-art building starting later in 2016.

Deadline: Feb 1, 2016 or until filled. Visit cbe.osu.edu for info.

The Ohio State University is an Equal Opportunity, Affirmative Action employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.



Tenure Track Faculty Positions Department of Chemical Engineering Virginia Tech

The Department of Chemical Engineering at Virginia Tech seeks outstanding candidates for two tenure-track faculty openings. The rank for the first position is open, and will be commensurate with experience and qualifications. The rank for the second position will be at the Assistant or Associate Professor level. Applicants should have a Ph.D. in Chemical Engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. Outstanding candidates in any experimental, computational or theoretical area of chemical engineering research are sought. Candidates with research interests in advanced materials, energy, and water sustainability would especially complement departmental priorities.

Interested individuals should apply on-line at <http://www.jobs.vt.edu/> for job posting #TR0150117 or at <http://listings.jobs.vt.edu/80/postings/60116>. Submit a curriculum vitae, a statement of teaching interests, research plans, and the name and contact information of three professional references. For more details visit <http://www.cbe.vt.edu/> or contact: Professor Luke Achenie at ChESearch@vt.edu. For full consideration, applications should be received by November 1, 2015. The candidate review process will begin in early November, and the search will remain open until the position is filled. Female and under-represented minority applicants are especially encouraged to apply. Virginia Tech is an Equal Opportunity/Affirmative Action employer.