ACADEMIC OPENINGS

CHEMICAL ENGINEERING TENURE-TRACK FACULTY POSITION

The Department of Chemical Engineering at Penn State invites applications for tenured or tenure-track faculty positions at the Assistant or Associate Professor level. We seek candidates conducting innovative research related to natural gas. Applications should be submitted electronically to mjanik@psu.edu and review process begins in November 2012. Please go to our website at http://www.che.psu.edu for additional details on the position and application process. We encourage applications from individuals of diverse backgrounds. Employment will require successful completion of background check(s) in accordance with University policies. Penn State is committed to affirmative action, equal opportunity, and the diversity of its workforce.

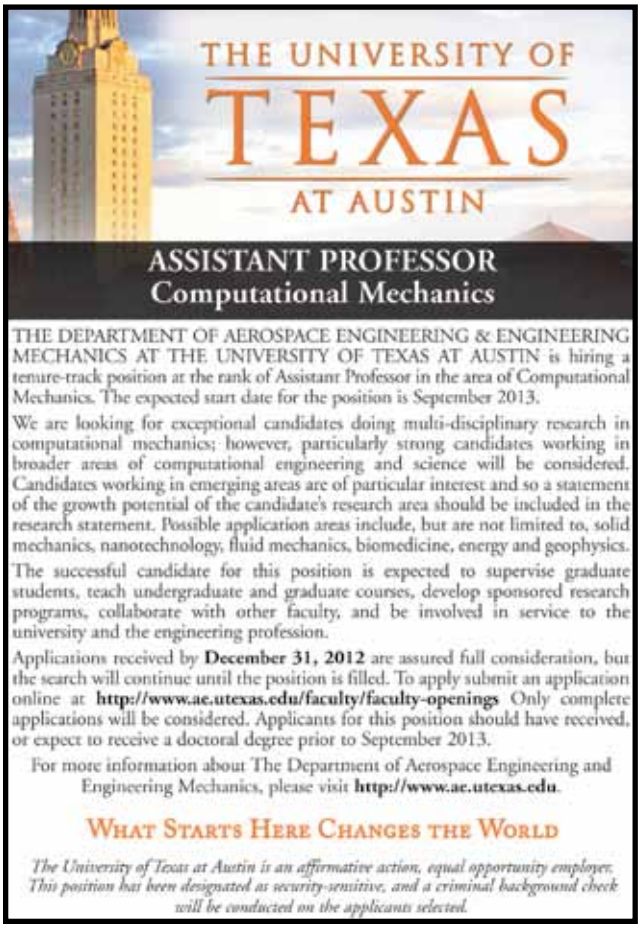
TWO TENURE-TRACK OPENINGS

Villanova University invites applications for two tenure-track positions in Chemical Engineering to begin August 2013. An earned doctorate in Chemical Engineering or closely allied discipline is required. Applicants must be committed to excellence in engineering education, must be excellent communicators and must be able to develop an active research program that will lead to scholarly growth and development. An understanding of Villanova and our emphasis on innovative teaching and learning is critical. Research preferences are for one position as an experimental bioengineer with cell or biomolecular engineering experience/skills. The other position will be in alternative energy with preference to catalysis, particularly multi-scale modeling. Areas suitable for collaborations with current faculty will be considered very important. Appointment at either a junior or a senior level is possible, depending on the credentials and qualifications of the applicant. Villanova is an Affirmative Action/Equal Opportunity Employer. We are committed to building a diverse faculty and strongly encourage applications from women, minorities, and individuals with disabilities who understand and support the values inherent in Villanova's Catholic character and Augustinian tradition. We offer B.S., M.S., and Ph.D. degrees along with a M.S. in Sustainable Engineering. **All application materials must be submitted online at jobs.villanova.edu and should include an application letter, resume, a research plan, a teaching experience and vision statement, all transcripts, and the names and contact information of three professional references.** Application materials are due no later than December 1, 2012.

AUBURN UNIVERSITY
ASSISTANT/ASSOCIATE/FULL PROFESSOR
SAMUEL GINN COLLEGE OF ENGINEERING
DEPARTMENT OF CHEMICAL ENGINEERING

Assistant/Associate/Full Professor: The Auburn University Department of Chemical Engineering invites applications for two (2) tenure-track faculty positions. These tenure-track appointments are to become effective in August 2013. The department seeks outstanding candidates who have a Ph.D. in chemical engineering, petroleum engineering, or a closely related discipline. The desired areas of research include catalysis, alternative and renewable energy systems, energy conversion and power systems, process systems engineering, molecular modeling, computational fluid dynamics for microsystems, and novel materials. The successful candidates will demonstrate excellence in research and teaching in the area of chemical engineering. Desired qualifications include a strong record of scholarly publication, an ability to attract externally sponsored research funding, and an ability to effectively teach undergraduate and graduate courses. Rank and salary are commensurate with experience and qualifications. A detailed description of the positions and the qualifications is found at the Chemical Engineering Department website http://eng.auburn.edu/programs/chen/. Review of applications will begin January 1, 2013. **Candidates should send their curriculum vitae, description of future research plans, previous research accomplishments, teaching interests, and the names of three references by email to: Search Committee Chair, positions #131280 and #131320, (chesearch@eng.auburn.edu), Department of Chemical Engineering, Auburn University, Auburn, AL 36849-5127**. Auburn University is an Affirmative/Equal Opportunity employer and encourages minorities and women to apply for these positions.

ENVIRONMENTAL ENGINEERING FACULTY POSITION
UNIVERSITY OF NOTRE DAME.
The Department of Civil and Environmental Engineering and Earth Sciences, University of Notre Dame, invites applications for a tenure-track position in Environmental Engineering to complement existing faculty in Environmental Engineering and Earth Sciences. Qualified candidates at all levels, including endowed chair for exceptionally qualified candidates, will be considered, with hiring rank and tenure status commensurate with academic accomplishments. Examples of research areas include, but are not limited to: innovative and sustainable processes for water supply/wastewater reuse, membrane processes for water treatment and reuse, microbiological aspects of water quality and treatment, molecular and informatics tools for microbial community analysis, micropollutants in water and wastewater, natural organic matter and its effects on water quality and treatment, environmental effects of nanoparticles/nanoengineering, and fate and transport of heavy metals and actinides. The department has a unique blend of environmental engineering and environmental geoscience faculty, and has outstanding research facilities. Current related strengths include environmental microbiology, biofilms and biofilm processes, environmental geochemistry and geomicrobiology, environmental nanoscience and technology, environmental surface chemistry, groundwater hydrology, environmental and computational fluid mechanics, and environmental actinide chemistry and mineralogy. Information about the department can be found at http://www.ceees.nd.edu/. We seek individuals with dynamic and highly innovative research agendas that may cross traditional disciplinary boundaries. Candidates with a Professional Engineering (PE) license, or willingness to obtain one, are encouraged to apply. Qualifications include a Ph.D. in civil or environmental engineering, or related field. Candidates are expected to exhibit a dedication to excellence in research, teaching, and professional service. The application package should include a cover letter addressing preparation for this position, curriculum vitae, a statement of research and teaching interests, and names and contact information of at least three references. **Applications should be uploaded directly, as a single PDF file, to: http://ceees.nd.edu/position-available.** Please direct any questions to Prof. Robert Nerenberg, Chair of the Environmental Engineering Search Committee (enveng@nd.edu), Department of Civil and Environmental Engineering and Earth Sciences, 156 Fitzpatrick Hall, University of Notre Dame, Notre Dame, IN 46556-0767. Review of applications will begin immediately, but applications will be accepted until the position is filled. University of Notre Dame is committed to diversity and equality in education and employment, and women and members of underrepresented minority groups are strongly encouraged to apply.



THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY (MISSOURI S&T, FORMERLY UNIVERSITY OF MISSOURI-ROLLA) invites applicants and nominations for one position at the assistant professor tenure-track level (Position #31318). Applicants are expected to have a PhD degree in chemical engineering. The applicant should show outstanding research potential or record. Biochemical and related engineering fields are preferred. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded, nationally and internationally recognized scholarly research program. Note: All application materials must have a position reference number for the position that you are applying for in order to be processed. Applications will be accepted until the positions are filled. The final candidate is required to provide official transcript(s) for any college degree(s) listed in application materials submitted. Copies of transcript(s) must be provided prior to the start of employment. In addition, the final candidate may be required to verify other credentials listed in application materials. Failure to provide official transcript(s) or other required verification may result in the withdrawal of the job offer. Applicants should submit curriculum vitae, a detailed research plan including both short-term and long-term plans and goals, a description of teaching interests and capabilities, and contact information for at least three references. **All application materials, including resume/vita, cover letter, reference letters, portfolio, etc. must be submitted electronically referencing the position number (#31318) to the Missouri University of Science and Technology's Human Resource Office using the following address: hrsinfo@mst.edu.** Acceptable electronic formats that can be used include PDF and Word. Missouri S&T participates in E-Verify. For more information on E-Verify, please contact DHS at: 1-888-464-4218. Females, minorities, and persons with disabilities are encouraged to apply. The Missouri S&T is an affirmative action/equal opportunity employer.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY invites applications and nominations for a tenure-track faculty position at the Assistant Professor level for Fall 2013. Exceptional candidates are encouraged to apply and will be considered for appointment at the Associate or Full Professor rank. Candidates are expected to contribute to one of two experimental research thrust areas: (1) Biomolecular Engineering (bioprocess engineering, synthetic/systems biology, immunological engineering and immunomodulatory biomaterials, tissue engineering, protein and RNA engineering, and cell/matrix interactions) and (2) Materials and Energy, broadly defined, including all aspects of nanotechnology, energy conversion (solar, fuel cells), energy storage (batteries, supercapacitors), energy efficiency, and life-cycle analysis. A Ph.D. with a distinguished research record in engineering or applied science is required. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded and internationally recognized scholarly research program. Ranked in the top 20 nationally, Vanderbilt University is a private research university located in vibrant Nashville, Tennessee. The University has ten schools, which share a single cohesive campus that nurtures interdisciplinary activities and provide a full range of undergraduate, graduate, and professional programs. Collaborative research opportunities exist with other faculty within the School of Engineering, the College of Arts and Science, and the School of Medicine. Furthermore, interdisciplinary institutes including the Vanderbilt University Institute of Imaging Science (VUIIS), the Vanderbilt Institute of Chemical Biology (VICB), and the Vanderbilt Institute of Nanoscale Science and Engineering (VINSE) offer access to comprehensive and state-of-the-art core facilities. The School of Engineering currently comprises 85 tenured and tenure-track faculty, operates with an annual budget of $100 million including $60 million of externally funded research, and teaches 1,300 undergraduate and over 400 graduate students. In the 2013 rankings of graduate engineering programs by *U.S. News & World Report*, the School ranks 5th among programs with fewer than 100 faculty. The Engineering School is now entering into an exciting period of rapid growth in terms of faculty size and research space. **Applica-**

tions consisting of a cover letter, a complete curriculum vitae, statements of teaching and research interests, and the names and addresses of at least three references (including email addresses) should be submitted on-line at https://academicjobsonline.org/ajo/jobs/1718. Screening of applications will begin immediately and continue through January 1, 2013. Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

ASSISTANT PROFESSOR, DEPARTMENT OF CHEMICAL ENGINEERING MASSACHUSETTS INSTITUTE OF TECHNOLOGY

The MIT Department of Chemical Engineering (http://web.mit.edu/cheme/) invites candidates for faculty positions starting July 2013 or thereafter. Appointment will be at the assistant or untenured associate professor level. In special cases, a senior faculty appointment may be possible. Candidates should hold a Ph.D. in chemical engineering or a related field by the beginning of the appointment period. Candidates with research and teaching interests in all areas relevant to the field of chemical engineering will be considered. The successful candidate is expected to advise students, and develop and teach chemical engineering courses at both undergraduate and graduate levels, as well as to develop a sponsored research program and be involved in service to MIT and the profession. **Interested candidates should submit application materials electronically at https://chemefacsrch.mit.edu. Each application must include: a curriculum vitae; the names and addresses of three or more references; a strategic statement of research interests; and a statement of teaching interests. It is the responsibility of the candidate to arrange for reference letters to be uploaded at https://chemefacsrch.mit.edu/letters/.** Please address questions to ChemE-Search-Master@chemefacsrch.mit.edu. Responses received by December 1, 2012 will be given priority. With MIT's strong commitment to diversity in engineering education, research and practice we especially encourage minorities and women to apply. MIT is an Equal Opportunity/Affirmative Action employer

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THE UNIVERSITY OF SOUTH CAROLINA invites applications for a tenure-track Assistant Professor position in Renewable Fuels in the Department of Chemical Engineering. Applicants should possess a Ph.D. degree in, Chemical Engineering, or a related field. Exceptional candidates may be considered at a higher rank. The successful candidate is expected to develop an internationally recognized, externally funded research program as part of the USC research in the new Horizon I research building. **Interested applicants should send one (1) complete PDF file that includes a letter of application, curriculum vitae, and a concise description of research and teaching plans. This and three letters of reference should be sent to: Renewable Fuels Search Committee Chair, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208 via ChemEngSearch@cec.sc.edu. For full consideration, applications must be received by December 2, 2012.** The University of South Carolina is an Affirmative Action/Equal Opportunity Employer. Minorities and women are especially encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

ASSISTANT PROFESSOR POSITIONS IN CHEMICAL ENGINEERING

The Chemical Engineering Program of the Faculty of Engineering and Architecture at the American University of Beirut invites applications to fill two full-time faculty positions at the Assistant Professor rank. Applicants must have a PhD degree in Chemical Engineering or a closely related discipline with demonstrated strong research experience. Applicants are expected to have a leading role in maintaining strong undergraduate and graduate programs, pursue vigorous research and attract external funding. Applications will be reviewed as received and the process will continue until the positions are filled. Salary is commensurate with education and experience. Information about the Program and the associated faculty members can be found at www.aub.edu.lb/fea. **Kindly send a letter of application that includes a brief statement that articulates your teaching philosophy and research plans, curriculum vitae and the names and contact information for four references, to the Dean of Engineering and Architecture, Faculty of Engineering and Architecture, the American University of Beirut, P.O. Box 11-0236, Riad El-Solh, Beirut 1107-2020, Lebanon. Applications may also be submitted by e-mail to fea@aub.edu.lb.** The American University of Beirut is an Affirmative Action, Equal Opportunity Employer. For more information consult the AUB home page www.aub.edu.lb.

Tufts UNIVERSITY | School of Engineering

FACULTY POSITIONS IN CHEMICAL AND BIOLOGICAL ENGINEERING, TUFTS UNIVERSITY

The Department of Chemical and Biological Engineering (ChBE) at Tufts University will be filling several tenure-track faculty positions over the next few years, consistent with our plans for faculty expansion. In academic year 2012-13, we are seeking experienced candidates for the position of Associate or Full Professor. Truly exceptional junior candidates may also be considered for appointment at a rank commensurate with prior experience. We seek individuals committed to fostering excellence in scholarship and teaching, and whose research complements the strategic areas of the School of Engineering (SOE) and current expertise within in the ChBE Department. These areas include: biotechnology and biomolecular engineering; sustainable and clean energy; advanced materials and nanotechnology; and complex systems.

Tufts SOE distinguishes itself by the interdisciplinary and integrative nature of its engineering education and research programs within the environment of both a "Research Class 1" University and a top-ranked undergraduate institution. We offer the best of a liberal arts college atmosphere, coupled with the intellectual and technological resources of a major research university. As home to seven graduate and professional schools across three campuses, Tufts University prides itself on its culture of cross-School partnerships. Located on Tufts' Medford/Somerville campus, only six miles from historic downtown Boston, SOE faculty members have extensive opportunities for academic and industrial collaboration, as well as participation in the rich intellectual life of the region.

Candidates should possess an earned doctorate in chemical engineering or a closely related discipline. They should demonstrate a strong record of original research and the potential to lead an externally funded, internationally recognized research program. Screening of applications will begin immediately and continue until the position is filled; but to assure full consideration, applications should be submitted no later than December 1, 2012. Please send a letter of interest, curriculum vitae, list of publications, research plan, teaching statement, and full contact information of at least four references to: Professor Christos Georgakis, Search Committee Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155. Applications should be submitted electronically via e-mail to ChBE@tufts.edu. Nominations of candidates worthy of consideration may be sent to Christos.Georgakis@Tufts.edu.

Tufts University is an Equal Opportunity/Affirmative Action employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

HEAD, CHEMICAL ENGINEERING DEPARTMENT

Rose-Hulman Institute of Technology seeks an exceptional educator, scholar, and visionary to head the Chemical Engineering (CHE) Department. Rose-Hulman is one of the nation's leading undergraduate institutions, with a mission to provide the best undergraduate education in engineering, mathematics, and science in an environment of individual attention and support. Excellence in education is our highest priority. As such, the CHE Department seeks an individual deeply committed to undergraduate engineering education, a visionary who can help implement innovative programs for the education of tomorrow's chemical engineers. The Head will provide administrative leadership for the department's faculty and will teach a reduced load. Details regarding the department's ABET-accredited engineering program are available on the CHE website at http://www.rose-hulman.edu/cheme.aspx. Details about the position can be viewed at https://jobs.rose-hulman.edu. This 12-month appointment, commencing July 1, 2013, is offered at any academic rank to a highly qualified individual with a Ph.D. in Chemical Engineering. **To apply, submit a letter of application, CV, statement of administrative philosophy, statement of teaching philosophy, a statement on the future of chemical engineering education, and contact information for three references to: https://jobs.rose-hulman.edu.** Application review will begin January 4, 2013. EEO/AA.

TEXAS A&M UNIVERSITY

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (http://che.tamu.edu/) invites applications for two tenured or tenure-track faculty positions at the assistant professor, associate professor, or professor rank, depending upon qualifications. For senior positions, candidates with proven funding record and excellent academic credentials are encouraged to apply. The area of expertise is open; however, energy and healthcare are of particular interest. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to teach and mentor undergraduate and graduate students. Candidates applying for these positions must have a PhD, with at least one degree (BS or PhD) in chemical engineering or a closely related field. The department has a 205,000-ft^2 facility, with 27 full-time tenured/tenure-track faculty positions, 140 graduate students, and over $27 million in endowments. The research expenditure for FY 2011 was over $13 million. **Applications must include the following: (1) curriculum vita (including research and teaching interests), (2) statement of research plans, (3) copies of selected publications, and (4) names of five references. Electronic submissions are preferred and should be sent to the following e-mail address: m-holtzapple@mail.che.tamu.edu. The cover letter should be addressed to Professor Mark Holtzapple, Chair of Faculty Search Committee, Artie McFerrin Department of Chemical Engineering, 3122 TAMU, Texas A&M University, College Station, TX 77843-3122.** Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Candidates from underrepresented groups are strongly encouraged to apply. Texas A&M University is an Affirmative Action/Equal Opportunity Employer. The university is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individual with disabilities, and covered veterans. Employer paid advertisement.

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
CHEMICAL AND BIOMOLECULAR ENGINEERING
SENIOR FACULTY POSITION IN ENERGY & SUSTAINABILITY

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications for a full-time tenured Associate or Full Professor whose research is in the area of Energy & Sustainability. This position is part of the multi-year Strategic Excellence Hiring Program at Illinois. Applicants must submit a cover letter, curriculum vitae, names and contact information of at least three references, and descriptions of past research accomplishments and future research program directions. **Please visit http://go.illinois.edu/CHBEEnergy to view the complete position announcement and application instructions.** For full consideration, applications must be received by December 1, 2012. Illinois is an AA-EOE (www.inclusiveillinois.illinois.edu)

LECTURER/ACADEMIC PROGRAM ASSOCIATE
THE DEPARTMENT OF CHEMICAL & PETROLEUM ENGINEERING
THE UNIVERSITY OF KANSAS

The Department of Chemical and Petroleum Engineering at the University of Kansas (KU) is seeking an outstanding candidate for a non-tenure track faculty level position of Academic Program Associate/Lecturer. A major goal of the position is to provide support and leadership for the laboratory teaching of chemical and petroleum engineering. Duties will include teaching sections of the chemical and petroleum engineering laboratory classes, and managing the chemical and petroleum engineering teaching laboratories. This will include supervision of graduate teaching assistants / instructors, coordination with lab technician(s) to ensure lab equipment is maintained, and ensuring close involvement with the faculty who are teaching core courses. A significant part of the job will be to manage laboratory safety and to develop safety training for undergraduate students. As we expand the scope of our laboratory teaching due to new investments in the School of Engineering infrastructure and faculty over the next five years, there will be significant opportunities to develop new experiments. This will be an expectation of the position. Applicants should have as a minimum, an MS degree in chemical engineering or closely related discipline, laboratory experience in a research laboratory or process engineering experience in pilot plants, a strong record of training in fundamentals of chemical engineering or closely related discipline, excellent written and oral presentation skills of technical material. The position will be a 12 month appointment. Special consideration will be given to applicants committed to excellence who can contribute to the University's innovative, collaborative, and multidisciplinary initiatives to educate leaders, build healthy communities, and make discoveries that will change the world. See http://www.provostku.edu/planning/ . The Department offers B.S., M.S. and Ph.D. degrees in chemical and petroleum engineering. The department has a proud tradition of commitment to both undergraduate and graduate education. The department has experienced remarkable growth in recent years and presently has 18 faculty members, over 400 undergraduate students and approximately 60 graduate students (including both C&PE and bioengineering graduate students) and research assistants. The position is

available beginning January 1, 2013. Salary and benefits are competitive and commensurate with qualifications and experience. **Application Procedures: Apply at https://jobs.ku.edu, position 00210200. A complete application should include a cover letter, a detailed curriculum vitae including teaching experience, and the names along with contact information of at least three references. Nomination letters should be submitted to Dr. Laurence Weatherley, lweather@ku.edu.** Review of applications will begin on December 1, 2012 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

THE UNIVERSITY OF BRITISH COLUMBIA
DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING
TENURE TRACK FACULTY POSITION –
GREEN PRODUCTS AND PROCESS ENGINEERING

Applications are invited for an opening at the rank of Assistant Professor. Applicants working in all relevant areas will be considered, with priority given to expertise in green products and process engineering. The position is available July 1, 2013, and the application deadline is January 1, 2013. **Applications, including cv, a short statement of teaching and research interests, and contact information for three referees, must be submitted to http://www.hr.ubc.ca/careers-postings/faculty.php by that date.** Applicants can view the full advertisement at http://www.chbe.ubc.ca/about/careers/index.php.

FACULTY POSITIONS IN SUSTAINABLE ENERGY GENERATION AND CONVERSION

The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in areas relevant to sustainable energy generation and conversion. Areas of interest include: • Reaction and process engineering – thermo-chemical production of fuels and chemicals, particularly with the use of solar energy; process synthesis, design and optimization for renewable energy production. **Submit applications to reaction.faculty@asu.edu ;** • Catalysis – bio-catalysis, metabolic flux modeling, and protein engineering for biofuel/biochemical production. **Submit applications to catalysis.faculty@asu.edu;** • Separations – novel and/or energy-efficient separation processes involved in producing renewable fuels and chemicals. S**ubmit applications to separations.faculty@asu.edu.** Faculty activity in the Fulton Schools of Engineering in the area of sustainable energy generation and conversion are working on a variety of topics that include bio-based technologies for the production of fuels and chemicals, microbiological systems for capture and development of renewable energy sources, microbial electrochemical cells, microbial and biofilm kinetics, and membranes for separations and energy processing. Collaborative possibilities exist not only within the Fulton Schools of Engineering but also across the university, including the Biodesign Institute (http://biodesign.asu.edu), Lightworks (http://asulightworks.com), and the Global Institute of Sustainability (http://sustainability.asu.edu). The current openings are intended to broaden our expertise and expand collaborations. The successful candidates will hold an earned Ph.D., or equivalent, in Chemical Engineering, Environmental Engineering, or a related field. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate's rank. Faculty members are expected to develop an internationally recognized and externally funded research program, develop and teach graduate and undergraduate courses, advise and mentor graduate and undergraduate students, and undertake service activities. The originality and promise of each candidate's work are higher priorities than the specific sub-area of research. Appointments will be at the assistant, associate or full professor rank commensurate with the candidate's experience and accomplishments, beginning August 2013. Although the appointment may be in any of Fulton Engineering's five schools, the Chemical Engineering and Environmental Engineering programs are currently the most involved in sustainable energy generation and conversion. Review of applications will begin November 1, 2012; if not filled, reviews will occur on the 1st and 15th of the month thereafter until the search is closed. To apply, please submit as a single PDF file a current CV, statements describing research and teaching interests and contact information for three references to the appropriate email address above. For more information or questions about this position, please contact the search committee chair Regents Professor Jerry Lin at (480) 965-7769 or via email at Jerry.Lin@asu.edu. Information regarding these positions is also available at http://engineering.asu.edu/facultypositions. Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU's complete non-discrimination statement.

FACULTY RECRUITING IN CHEMICAL ENGINEERING
THE UNIVERSITY OF TEXAS AT AUSTIN.

The Department of Chemical Engineering seeks outstanding applicants for tenure-track faculty positions at the Assistant Professor level. A Ph.D. is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. Candidates with research and teaching interests in all areas relevant to the field of chemical engineering will be considered. There are two potential faculty positions. For the first position, researchers with interests in the areas of energy sciences, materials, polymers and catalysis areas are particularly encouraged to apply. The second position is broadly in the area of nanomanufacturing, and the faculty candidate is expected to participate and complement the expertise in the newly funded Engineering Research Center on Nanomanufacturing Systems for Mobile Computing and Mobile Energy Technologies (NASCENT) which will develop innovative nanomanufacturing, nanosculpting and nanometrology systems that could lead to versatile mobile computing devices such as wearable sensors, foldable laptops and rollable batteries. Applications from women and minorities are especially encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a sponsored research program, collaborate with other faculty, and be involved in service to the university and the profession. **Interested persons should submit in electronic form as a single PDF document a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and telephone numbers of three or more references to: Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu). Please apply by November 20, 2012** for primary consideration, however the positions will remain open until filled. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF MINNESOTA

Tenured or Tenure-Track Faculty Position
Chemical Engineering and Materials Science

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, or Full Professor level, commensurate with experience. Outstanding candidates with a Ph.D. 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 CV (including a list of publications), a research plan, a teaching plan, and a list of three references with contact information (including email addresses), should be submitted on-line at **https://employment.umn.edu.** Search for requisition number 180484. Review of the applications will begin immediately and continue until the position is filled. The successful candidate will be in place as early as Fall 2013.

The University of Minnesota is an equal opportunity educator and employer

THE CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT AT TULANE UNIVERSITY seeks outstanding candidates for a tenure track Assistant Professor position. Competitive applicants will demonstrate research excellence and a commitment to teaching at the undergraduate and graduate levels. Applicants with research applications in Health, Energy, and the Environment are of particular interest. Tulane's Chemical & Biomolecular Engineering Department is research active, offering B.S., M.S., and Ph.D. degrees. Prominent features of our ongoing departmental expansion include major additions to laboratory and office space in a new chemical sciences building. Applicants must hold a doctoral degree in Chemical Engineering or related field and be authorized to work in the United States. We especially encourage applications from women, underrepresented minorities, and persons with disabilities. Tulane University is an equal employment opportunity/affirmative action/ADA employer committed to excellence through diversity. All eligible candidates are invited to apply. Applications will be reviewed on a continuing basis until the position is filled. **Please send a cover letter outlining your qualifications, vita, research plan, teaching plan, and a list of three references by email to the Junior Faculty Search Committee, Chemical & Biomolecular Engineering Department, 300 Lindy Boggs Center, Tulane University, New Orleans, LA 70118. https://academicjobsonline.org/ajo/jobs/2057.**

PURDUE UNIVERSITY
SCHOOL OF CHEMICAL ENGINEERING
The School of Chemical Engineering, Purdue University, invites candidates at the Full Professor rank for the Maxine Spencer Nichols Professorship in Chemical engineering. A distinguished record of accomplishment and national recognition in an area of research relevant to the modern chemical engineering discipline, and a Ph.D. or equivalent doctoral level degree in Chemical Engineering or closely related field are required. The successful candidate will develop independent and collaborative research programs and will teach undergraduate and/or graduate level courses. Open faculty positions in the areas of process systems engineering and the formulation and downstream processing of pharmaceutical biologics are also available at the Assistant, Associate or Full Professor rank for outstanding individuals with a Ph.D. or equivalent doctoral level degree in Chemical Engineering or closely related field. The successful candidate will have a distinguished academic record, will develop independent research programs and will teach undergraduate and/or graduate level courses. For senior applicants, an excellent reputation in the field of specialty is required. **Nominations may be sent to Arvind Varma, Head, School of Chemical Engineering, at avarma@purdue.edu. Applicants should complete the online application form at https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications and include curriculum vitae, statement of teaching and research interests, and the names and addresses of four references.** Review of applications will begin November 1, 2012 and continue until the positions are filled. A background check will be required for employment in all positions. Purdue University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce.

THE SCHOOL OF CHEMICAL, BIOLOGICAL AND ENVIRONMENTAL ENGINEERING AT OREGON STATE UNIVERSITY invites applications for two tenure-track Assistant Professors; one each for the Chemical and Environmental Engineering programs. Responsibilities include teaching at the undergraduate and graduate levels, and developing a sustainable research program in an area compatible with School strengths. Other duties and required qualifications are listed in the position description found within the job posting. **To review posting and apply, go to http://jobs.oregonstate.edu and search postings #0009790 and #0009803, respectively.** To be assured full consideration, applications should be received by January 14, 2013. OSU is an AA/EOE.

ENGINEERING TENURE-TRACK FACULTY POSITION IN ENERGY
The Thayer School of Engineering at Dartmouth seeks to hire a faculty member who can contribute to a distinctive research and education program addressing innovative technological responses to societal energy challenges. The successful candidate will have a doctorate in engineering or closely related field, will show promise of leading an externally-funded research program targeting transformational advances in energy conversion and/or utilization, and will be a gifted teacher with motivation and expertise that complements the Thayer School's interdisciplinary approach to engineering education. All fields of engineering will be considered. Application areas of interest include both conversion of primary energy resources and enhanced efficiency of energy utilization, and innovative technological strategies at both component and systemic levels. A hire at the Assistant Professor rank is anticipated, although outstanding candidates at the Associate Professor level will be considered. Review of applications will begin immediately, with invitations to be extended in February for interview visits in March. **A complete CV, statement of research and teaching interests, and contact information for three references should be sent to: Prof. Lee R. Lynd, Energy Search Committee Chair, at Thayer School of Engineering at Dartmouth College, 14 Engineering Drive, Hanover NH 03755 or by email at energy.faculty.search@dartmouth.edu.** Dartmouth is an equal opportunity/affirmative action employer and has a strong commitment to diversity.

VirginiaTech
Invent the Future

Department of Chemical Engineering

Department Head, Chemical Engineering Department, Virginia Tech

Applications are invited for the position of Professor and Head of the Department of Chemical Engineering at Virginia Tech to provide energetic leadership in a period of growth. The applicant must qualify for tenure at the rank of professor and should have achieved international distinction in university-level teaching and research and have a record of superior scholarship, administrative ability, and academic leadership. A doctorate in Chemical Engineering or closely related field is required. Interested persons should apply on-line at https://www.jobs.vt.edu (Posting #0122392). Applicants should include a curriculum vitae, a cover letter, a statement summarizing their vision for the Department and contact information for at least four individuals providing references.

Virginia Tech is an equal opportunity/affirmative action institution.

WISCONSIN
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Department of Chemical and Biological Engineering

We invite applications for a tenure-track faculty position from candidates with truly outstanding accomplishments in any area of research of importance to chemical and biological engineering. Applicants with backgrounds in the fields of statistical mechanics, atomistic simulations and thermodynamics are especially encouraged to apply, as are women and candidates from groups traditionally under-represented in engineering. Rank commensurate with the qualifications and background of the successful candidate. Apply online at www.facsearch.cbe.wisc.edu. Applications received by December 31, 2012 will receive full consideration.