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POSITIONS OPEN

TESORO CORPORATION

PROCESS ENGINEER, REFINING OPERATIONS (JOB ID: 120437)

Under general direction of Process Engineering Superintendent, this position will apply process engineering principles and expertise during project development and in support of other refinery departments as needed. This role will also produce process designs for projects on Capital Plan to improve safety, operation, maintenance, and profitability of the refinery within department standards and environmental regulations. BS in Chemical Engineering required. Position Location: Martinez, CA. **To view the full job description and submit your resume, please visit our company website at: www.tsocorp.com, and click on 'Job Center'.**

**Visit AIChE's CareerEngineer Job Board
for Additional Employment Opportunities
<http://careerengineer.aidhe.org>
or <http://www.aidhe.org>**

Employers seek AIChE members due to their commitment to professional excellence. AIChE Membership gives you the job-seeking advantage. Upload your resume FREE for employers to contact you. Member resumes are placed at the top of the list for employers to view first.

Some of the many positions found on AIChE's targeted chemical industry job board include:

- Portfolio Management Team Lead
BP
- Process Safety Engineer
Eastman Chemical Co
- Product Launch and Technology Manager
BASF Corp.
- Process Engineer
LyondellBasell
- Chemical Engineer
Saudi Aramco
- Process Safety Management Engineer
Flint Hills Resources, LP
- Process Engineer
Cosmolab, Inc.
- Project Manager/Process Engineer-Hydroprocessing
Chevron

ACADEMIC OPENINGS

ASSISTANT PROFESSOR TRINITY UNIVERSITY

The Engineering Science Department at Trinity University is accepting applications for a tenure-track assistant professor position from qualified chemical engineers with a keen interest in both undergraduate education and research pursuits. **Please refer to www.engr.trinity.edu for detailed information on the position, the Department, and how to apply. For additional information please contact Dr. Farzan Aminian at faminian@trinity.edu.**

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.

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.

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: hrrinfo@mst.edu.** Acceptable electronic formats that can be used include PDF and Word. Missouri S&T participates in E-Verify. For more informa-

tion 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.

**DREXEL UNIVERSITY, COLLEGE OF ENGINEERING
TWO FACULTY POSITIONS IN CHEMICAL
AND BIOLOGICAL ENGINEERING**

The Department of Chemical and Biological Engineering at Drexel University invites applications and nominations for two tenured/tenure-track faculty positions. Outstanding candidates should have a distinguished academic record, including a PhD in chemical engineering or a closely related field, potential for developing a strong independent research program, and a commitment to mentor and teach undergraduate and graduate students effectively. All research areas will be considered. The department currently has 12 tenured/tenure-track faculty (8 NSF CAREER awardees; 1 PECASE awardee), approximately 350 undergraduate students and 40 PhD students. With research expenditures averaging over \$3M per year, current research interests are in the fields of polymer science and engineering, biotechnology, computational modeling and process systems engineering, as well as energy and the environment. Drexel University is a comprehensive top-tier research institution ranked in the top 100 among all PhD granting universities according to *U.S. News & World Report* (2011). We are located in the heart of Philadelphia, and you can learn more about the university and the department at www.drexel.edu and www.chemeng.drexel.edu, respectively. **Applicants should submit a letter of interest, detailed curriculum vitae, statements of research and teaching plans, and a list of at least three references electronically at <http://www.chemeng.drexel.edu/faculty/positions/>.** Questions should be addressed to Chemeng-facultypositions@coe.drexel.edu. Review of applications will begin on October 1, 2012. Drexel University is an Equal Opportunity/Affirmative Action Employer and encourages applications from qualified women and minorities.

UNIVERSITY OF UTAH DEPARTMENT OF CHEMICAL ENGINEERING, PETER D. AND CATHERINE R. MELDRUM ENDOWED PROFESSORSHIP

The Department of Chemical Engineering at the University of Utah is proud to announce the opening of an international search to fill the recently established Peter D. and Catherine R. Meldrum Endowed Professorship. The search is directed at individuals currently at the rank of Associate Professor and higher, who are looking for an exciting career opportunity at one of the nation's most up-and-coming research universities. Of interest are core Chemical Engineering research areas that are synergistic with existing Department strengths in energy (nuclear, bio and fossil), materials (nano- and bio-), nano-technology and bio-technology. Candidates are expected to demonstrate vigorous, externally funded research programs, and also skills at excellent teaching at the undergraduate and graduate levels. Interested candidates should apply at: <http://utah.peopleadmin.com/postings/16674>. Review of applications will begin immediately and continue until the position is filled.

The Department of Chemical Engineering currently has 16 tenure-track faculty, working in various areas, see: http://www.che.utah.edu/research/research_strengths.php. The Department fosters a collaborative, interdisciplinary environment, involving faculty interactions with the Institute for Clean and Secure Energy (ICSE), the Energy and Geosciences Institute (EGI) and Nuclear Engineering Program. In addition, many faculty members hold adjunct appointments across the College of Engineering, the School of Medicine and other colleges to aid in these interactions. Over the last decade both the State of Utah and the University of Utah, have demonstrated their strong commitment to excellence in engineering. The University of Utah is a "Research University with Very High Research Activity", and is located in Salt Lake City, the hub of a large metropolitan area with excellent cultural and medical facilities and unsurpassed opportunities for outdoor recreation.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess strong commitment to improving access to higher education for historically underrepresented students. The University of Utah is an Equal Opportunity/Affirmative Action employer and educator. Minorities, women, and persons with disabilities are strongly encouraged to apply. Veteran's preference. Reasonable accommodations provided. For additional information: http://www.regulations.utah.edu/human_resources/5-106.html



CHEMICAL & BIOMOLECULAR ENGINEERING CHAIR REQUISITION #120120, COLLEGE OF ENGINEERING UNL- 2/1012

The Department of Chemical and Biomolecular Engineering (CHBE) at the University of Nebraska-Lincoln invites applications for the position of Department Chair. The CHBE (www.che.unl.edu) is home to 11 tenured/tenure-track faculty, 25 graduate and 250 undergraduate students. Current areas of strength include biomolecular engineering, tissue engineering, nanotechnology, biomaterials, biotechnology, biocatalysis, molecular medicine, computational and systems modeling, and bio-based process development. The faculty has active collaborations with the University of Nebraska Medical Center and has access to multiple core facilities, such as the Biological Process Development Facility (<http://bpdf.unl.edu/>) and the Nebraska Center for Materials and Nanoscience (<http://www.unl.edu/ncmn/>). Details regarding the position are available on the Department's website (www.che.unl.edu). The position of Chair of CHBE extends decisive opportunities for a visionary leader to significantly impact the direction of the department. We are looking for an individual who has outstanding credentials in engineering education and research, and an overarching interest in growing people, growing communities, and facilitating the growth of programs. The Department of CHBE is entering a growth phase and the successful candidate is expected to play a significant part in this expansion. Candidates must have an earned doctorate in chemical engineering or a related field, and the academic credentials necessary for appointment as a full professor with tenure in the Department. The college of engineering would like to fill this position by the start of the next academic year (August 2013), but the search will remain open until the position is filled. **To apply, please go to <http://employment.unl.edu> and complete the Faculty/Administrative Information Form under Requisition #120120 and attach required documents: a leadership statement, a detailed curriculum vitae, a statement of research, teaching philosophy, and contact information (mailing address, phone number, and e-mail address, if available) for three professional references.** The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY POSITIONS

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications for one or more tenure-track/tenured faculty positions, at the Assistant, Associate, and Full Professor level in all research areas, including but not limited to biotechnology, medical, computation, systems, materials, transport, energy, and sustainability. **Please visit <http://go.illinois.edu/CHBEfaculty> 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).

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN COMPUTATIONAL SYSTEMS BIOLOGY, OPEN RANK POSITION

The Institute for Genomic Biology and the Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invite applications for a full-time tenure-track/tenured faculty position at the Assistant, Associate, or Full Professor level. We seek applicants who will build a strong research program that applies computational methods to problems in systems and/or synthetic biology. **Please visit <http://go.illinois.edu/computational> 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).

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

LAFAYETTE COLLEGE

Lafayette College is a selective, private, liberal arts college of 2,400 undergraduates. Our 110-acre campus is located one and a half hours from both New York City and Philadelphia. Degree programs are offered in the liberal arts, sciences and engineering.

Assistant Professor – The Department of Chemical and Biomolecular Engineering

The Department of Chemical and Biomolecular Engineering at Lafayette College in Easton, Pennsylvania, is pleased to announce a tenure-track position at the Assistant Professor level with appointment to begin July 2013. We seek the best available candidate with preference to those with expertise in energy, advanced materials, or environmental engineering. Prior teaching and mentoring experience desirable, with interests in laboratory-based teaching, multidisciplinary collaboration, and experiential education, a plus.

The ChBE Department has approximately one hundred twenty students across all classes and outstanding resources for faculty research and professional development. Lafayette College is a small, private, undergraduate-only institution emphasizing superior education in engineering and the liberal arts. The College is located in eastern Pennsylvania, 70 miles from both New York City and Philadelphia.

Applicants should have a Ph.D. in chemical engineering or a closely related field.

A cover letter, statement of teaching interests, research plans, and a curriculum vitae should be addressed to: Search Committee, Dept. of Chemical and Biomolecular Engineering, Lafayette College, 203 Acopian Center, Easton, PA 18042. Email applications and questions to: chbe@lafayette.edu. Review of applications will begin December 1.

Lafayette College is committed to creating a diverse community, one that is inclusive and responsive, and is supportive of each and all of its faculty, students, and staff. All members of the College community share a responsibility for creating, maintaining, and developing a learning environment in which difference is valued, equity is sought, and inclusiveness is practiced. Lafayette College is an equal opportunity employer and encourages applications from women and minorities.

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.

UNIVERSITY OF CALIFORNIA, BERKELEY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING ASSISTANT PROFESSOR

The Department of Chemical and Biomolecular Engineering (CBE) at the University of California, Berkeley, seeks applicants for a tenure-track position at the assistant professor level beginning in Fall 2013. The Department consistently ranks among the top research and teaching programs in the country and continues to be at the forefront in developing programs in emerging areas of chemical engineering and technology. Creative and energetic individuals who show extraordinary promise or accomplishment in any research area will be considered. We require a PhD or equivalent degree in chemical engineering or a closely related discipline by date of hire. Applicants should prepare a curriculum vitae and a proposed research program, and provide three letters of recommendation. **Application material should be submitted electronically through our web-based system at: <http://aprecruit.berkeley.edu/apply/JPF00047>.** All recommendation letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality: <http://apo.chance.berkeley.edu/evaltr.html>. Application material must be received by December 28, 2012. Interviewing will begin in Spring 2013, and early application is encouraged. The University of California is an Equal Opportunity/Affirmative Action Employer. UC Berkeley is committed to diversity in all aspects of our mission and to addressing the family needs of faculty, including dual career couples and single parents.



Dean, College of Engineering

Rowan University is seeking an innovative leader for the position of Dean of the College of Engineering. Located in New Jersey, Rowan is a comprehensive public institution with over 11,000 undergraduate and graduate students enrolled in nine colleges, including the new Cooper Medical School. The recent State designation of Rowan as a research university has set the framework for new multidisciplinary research opportunities and the creation of new advanced degree programs.

The College of Engineering, created following a \$100M gift by Henry and Betty Rowan in 1992, enrolls over 600 students in four departments. *U.S. News & World Report* consistently ranks the College and its programs among the nation's best for undergraduate engineering. Further information is available at www.rowan.edu/colleges/engineering.

As the College's chief academic officer, the new Dean will be responsible for providing overall leadership to promote excellence and advance its national and international standing in research, and undergraduate and graduate education. Specific responsibilities will include fundraising, budget management, alumni relations, and outreach.

The qualifications include a PhD in engineering or related field; an established record of teaching, scholarship, and service appropriate to appointment to full professor; and experience and demonstrated success as a leader in academic administration, fundraising, budget and personnel management.

Review of applications will start immediately. Applications submitted after December 15, 2012 may not receive consideration. Candidates should submit a letter of interest including a vision statement, current vita, and names for three references to engdeansearch@rowan.edu.

Rowan is an equal opportunity employer, and encourages members of diverse groups to apply.



TENURE-TRACK ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at Lehigh University seeks applications for a tenure-track faculty position at the level of Assistant Professor with a preferred starting date of August 2013 or sooner. We are looking for exceptional candidates with research interests in **Interfacial Science and Engineering** that cut across one or more disciplines related to complex fluids, polymers, synthetic biology, molecular theory and simulations, and micro/nano scale systems. The successful candidate will be expected to develop a nationally recognized research program and to engage in enthusiastic teaching of undergraduate and graduate students in chemical engineering. **Candidates should submit electronically a cover letter highlighting their main achievements, a curriculum vitae, a detailed statement of research and teaching plans, and the names and addresses of four (4) references using the on-line application form at: <https://academicjobsonline.org/ajo/jobs/1772>.**

Inquiries should be addressed to: Professor Manoj Chaudhury (cheseach@lehigh.edu), Chair of the Interfacial Sciences Search Committee, Department of Chemical Engineering, Lehigh University.

ENDOWED FACULTY CHAIR IN THE ENERGY SCIENCES

The Department of Chemical Engineering at Lehigh University seeks nominations and applications for the Anderson Endowed Faculty Chair position in the broad field of **Energy Sciences** that includes, but is not restricted to, the general areas of Energy Systems, Chemical Processing, Optimization, Reaction Engineering, Separation Science, Biocatalysis, Photovoltaics, Biofuels and the Environment. Nominees / applicants should have an exceptional record of achievements in research, teaching, supervision and service. The successful candidate will be expected to develop a strong, externally funded research program with significant potential for interdisciplinary research with national impact, and will be expected to be a leader in campus-wide Energy and Environmental Initiatives. Excellence in undergraduate and graduate teaching and the integration of research and education are core values of Lehigh's mission. This is a **senior appointment** to an endowed chair position. **Candidates should submit electronically a cover letter highlighting their main achievements, a curriculum vitae, a detailed statement of research and teaching plans, and the names and addresses of four (4) references using the on-line application form at: <https://academicjobsonline.org/ajo/jobs/1770>.**

Inquiries should be addressed to: Professor Hugo Caram (energysearch@lehigh.edu), Chair of the Energy Sciences Search Committee, Department of Chemical Engineering, Lehigh University.

Review of applications will begin immediately, but applications will be considered until the position is filled. Information on the Department and Lehigh University can be found at <http://www.che.lehigh.edu>.

Lehigh University is an affirmative action/equal opportunity employer.

UNIVERSITY OF CALIFORNIA, BERKELEY AND LAWRENCE BERKELEY NATIONAL LABORATORY, ELECTROCHEMICAL SCIENCE AND ENGINEERING FACULTY HIRE

The University of California (UC), Berkeley and the Lawrence Berkeley National Laboratory (LBNL) seek applicants for a tenure-track or tenured faculty position in the area of electrochemical science and engineering beginning in Fall 2013. This position is jointly funded through the UC Berkeley campus and the Batteries for Advanced Transportation Technology program at LBNL (for more information see <http://batt.lbl.gov/>). We are seeking creative candidates who show extraordinary promise and/or accomplishment in research and teaching. The targeted research area is experimental and/or theoretical aspects of electrochemical science and engineering applicable to clean energy technologies, especially advanced batteries. Applicants must have a PhD or equivalent degree by date of hire. The level of the appointment will depend on experience of the candidate. Applicants should prepare a curriculum vitae and a **proposed research program, and provide three letters of recommendation. Application material should be submitted electronically through our web-based system at: <http://aprecruit.berkeley.edu/apply/JPF00044>**. All recommendation letters will be treated as confidential per University of California policy and California state law. Please refer potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality: <http://apo.chance.berkeley.edu/evalltr.html>. Applica-

tion material must be received by December 28, 2012. Interviewing will begin in Spring 2013, and early application is encouraged. The University of California is an Equal Opportunity/Affirmative Action Employer. UC Berkeley is committed to diversity in all aspects of our mission and to addressing the family needs of faculty, including dual career couples and single parents.

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

Applications are invited for a faculty position at the Assistant Professor level in chemical engineering. All areas of expertise will be considered, and candidates with an interest in the area of catalysis are especially encouraged to apply. The candidate should have a strong research record with the potential and commitment to become a leader in the field. Commitment to undergraduate and graduate education is essential. A Ph.D. in chemical engineering or a related discipline is required. **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 October 19, 2012, for a start date of July 1, 2013. 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.

THE UNIVERSITY OF TOLEDO SCHOOL OF GREEN CHEMISTRY AND ENGINEERING

invites applications for a faculty position at any level with an appointment in the Chemical Engineering Department starting August 2013. A Ph.D. in chemical engineering or related field is required. The successful candidate will participate in the interdisciplinary undergraduate/graduate teaching, research, and outreach activities of the school/department. Preference will be given to applicants working on conversion of biomass to chemicals, chemical syntheses in environmentally benign solvents, or catalytic conversion of C1 feedstocks to products. **Submit applications at: <http://www.che.utoledo.edu/applicants/>**. The University of Toledo is an Affirmative Action/ Equal Opportunity Employer M/F/D/V.

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. **Applications 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**



Department of Chemical & Biomolecular Engineering
Faculty of Engineering

Tenure-track Faculty Positions

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required. Visit <http://www.chbe.nus.edu.sg/career/career-faculty.html> for more information on the areas of interest and application details. Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and names of at least three references to Head of Department.

Professor Jim Yang LEE
c/o Ms. Nancy Chia
Email: nancychia@nus.edu.sg

Shortlisted candidates will be invited to meet the Faculty Search Committee at the 2012 AIChE Annual Meeting in Pittsburgh.

NORTH CAROLINA A&T
STATE UNIVERSITY
GREENSBORO, NC

Chairperson/Professor Chemical, Biological & Bio Engineering

The College of Engineering at North Carolina A&T State University invites applications for the Chairperson for the Department of Chemical, Biological & Bio Engineering.

The Chair administers the department's instructional and research programs, budgetary management, faculty development and mentoring, instruction, academic advising, program assessment, development and implementation of strategic vision of the department. As the academic leader and chief administrative officer of the Department, the Chair is a member of the College of Engineering leadership team and reports directly to the Dean of the College of Engineering.

Application Deadline: January 15, 2013 or until filled.

For more information and to apply go to:
www.ncat.edu/hr/search-apply

North Carolina A&T State University is a land grant doctoral/ research intensive institution and AA/EEO employer.

This Is Where Learning Happens

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.

THE CHEMICAL ENGINEERING DEPARTMENT AT LAMAR UNIVERSITY

invites applications for one or more tenure-track faculty positions at the Assistant, Associate or Full Professor level with an anticipated start date of Fall 2013. Lamar University is a member of Texas State University System with approximately 14,000 students, located in Southeast Texas known for petrochemical and refineries. The Department awards the BS, MS, PhD and DE degrees. The Department currently comprises fourteen (14) faculty members with research activities in environmental air and water pollution control, fuel cell and renewable energy, polymer nano-composites, thermodynamics, green chemistry and green engineering process, and process simulation, optimization and control. Applications will be considered from any strong candidate whose expertise fits well with existing research programs within the department. Applicants with strong plant design experience are especially encouraged to apply. Please visit our website at <http://www.lamar.edu> for more information. **Interested candidates should send curriculum vitae, statement of teaching and research interests, and names and addresses of three referees to: Chair, Faculty Search Committee, Department of Chemical Engineering, Lamar University, Beaumont, TX 77710.** Review of applications will start December 1, 2012 and will continue until the position is filled. Lamar University is an Equal Opportunity/Affirmative Action Employer.

CHEMICAL/BIOLOGICAL ENGINEERING FACULTY POSITION COLORADO STATE UNIVERSITY

The Department of Chemical and Biological Engineering at Colorado State University seeks applications and nominations for tenure-track chemical/biological engineering faculty positions at the assistant and associate professor levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more

experience must have a national/international reputation in their research area. This search is focused on applicants with interests and expertise in systems and synthetic biology, bioanalytical devices, and biomaterials. Applications from candidates with the ability to advance the Department's commitment to diversity and multiculturalism through research, teaching and outreach with relevant programs, goals and activities are particularly encouraged. A Ph.D. or equivalent in chemical or biological engineering, or related field, is required by March 1, 2013. **Important information regarding the application process and required application materials may be found at <https://www.engr.colostate.edu/cheme/search/>.** Electronic submission of application materials at this web site is required. Review of applications will begin November 12, 2012 and may continue until the position is filled. The anticipated start date is August 2013. CSU is an EO/AA employer. Colorado State University conducts background checks on all final candidates.

SURFACE SCIENCE FACULTY POSITION THE DEPARTMENT OF CHEMICAL & PETROLEUM ENGINEERING AND THE CENTER FOR ENVIRONMENTALLY BENEFICIAL CATALYSIS (CEBC), THE UNIVERSITY OF KANSAS

The Department of Chemical and Petroleum Engineering at the University of Kansas (KU) is seeking an outstanding tenure-track faculty candidate at either the assistant or associate professor rank. 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.provost.ku.edu/planning> for more information). The recruited candidate will conduct and direct independent research in the area of design and synthesis of catalysts for targeted applications, fundamental characterization of metal-based catalyst surfaces and their supported formulations, or mechanism of surface catalyzed reactions. **A detailed position description and application procedures can be found at The University of Kansas website, <https://jobs.ku.edu>, search for position 00210204.** Review of applications begins October 15, 2012. Equal Opportunity Employer M/F/D/V.



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

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Faculty Position Chemical & Biomolecular Engineering

The Department of Chemical & Biomolecular Engineering at the University of Delaware invites applications for a tenure-track faculty position in catalysis, energy and/or related fields; the appointment can be made at any rank commensurate with accomplishments.

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

DUTIES: Lead vigorous, world-class research programs, teach and advise students at both the undergraduate and graduate levels.

Applications in all relevant research areas will be considered, with emphasis on candidates with expertise in catalysis, electrocatalysis, and reaction engineering. Our department (www.che.udel.edu) is consistently ranked among the ten leading chemical engineering departments nationwide and has a well-established reputation in catalytic science and technology. The department has a vibrant program of research in catalysis and energy and will look to a successful candidate to develop a leading research program that can enhance the breadth and synergy of the current efforts.

The committee will commence review of applications upon receipt; to ensure full consideration applications should be received by December 15, 2012. The curriculum vitae and letters of reference will be shared with department faculty. Apply online at www.udel.edu/udjobs.

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer.

