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POSITIONS OPEN

PROCESS DESIGN ENGINEERS III
RICHARD DESIGN SERVICES, INC.

Richard Design Services, Inc. in Houston, TX seeks Process Design Engineers III. Qualified candidates will possess a BS in Chemical Engineering or related field and 5 years of experience in the job offered or 5 years related experience in detail process engineering experience. 9/80 work schedule: Mon-Thurs 7am-5pm, working Friday 7am-4pm with every other Friday off. Email resumes to trudy.mitchell@rig-rds.com. Resume must include job code 8480.

THE AMERICAN INSTITUTE OF CHEMICAL ENGINEERS, CCPS PROGRAM DIRECTOR

AIChE is seeking a CCPS Program Director. The successful incumbent will lead key programs supporting the mission of AIChE's Center for Chemical Process Safety (CCPS), including acquisition of new corporate members, implementation of member support and retention activities, and global dissemination of CCPS activities including serving as CCPS Americas Regional Manager. Oversee global conferences, global and regional member meeting and workshops, and establish relationship with key associations, societies, and government entities. A BS in chemical engineering or related discipline is required. MBA or equivalent experience desirable; relevant industrial or consulting experience of 20 years or more, including a minimum of 15 years in roles with significant operational, technical, or managerial responsibility for process safety and 5 years of P&L responsibility; international work experience; strong negotiation skills; outstanding communication, interpersonal and public speaking skills; foreign language skills a plus. **Interested candidates may email their cover letter and resume to recruitment@aiche.org. Please note the title of the position in the subject line of the email.** The American Institute of Chemical Engineers is an Equal Opportunity Employer.

Visit AIChE's CareerEngineer Job Board for Additional Employment Opportunities
http://careerengineer.aiche.org or http://www.aiche.org
(Career Resources then Find a Job)

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

- **Process/Sr. Process Engineer** – *GlaxoSmithKline*
- **Regulatory Coordinator, Project and Approvals** – *Canadian Natural Resources Ltd.*
- **Entry Level Process Engineer** – *CH2M Hill*
- **Technical Engineering Manager** – *Invista S.a.r.l*
- **Sr. Process Engineer** – *Enthone*
- **Sales Manager** – *LG Chem America Inc.*
- **Supervisor Production, Ammonia** – *Mosaic*
- **R&D Engineer** – *Tekra Corp.*
- **Sr. Process Technology Engineer** – *Arkema, Inc.*
- **Quality Engineer** – *Monsanto*

ACADEMIC OPENINGS

DEPARTMENT CHAIR POSITION
UNIVERSITY OF CALIFORNIA, DAVIS

The Department of Chemical Engineering and Materials Science at the University of California, Davis, is seeking applications and nominations for the position of Department Chair. This is a senior level leadership position intended for candidates with a strong record of research and professional accomplishments, leadership ability, dedication to education and commitment to faculty governance. The Department covers broad areas in Chemical Engineering and Materials Science and Engineering, both in teaching and research. Candidates able to synergistically build both programs will be given preference. The successful candidate should also be eligible for appointment at professor level. A PhD degree in engineering or related fields is required. All applications received by November 30, 2013 will be considered. The position remains open until filled. Additional information on the department can be found at http://chms.engineering.ucdavis.edu/. 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.

FACULTY OPENING
UNIVERSITY OF KANSAS

The Department of Chemical and Petroleum Engineering and The Department of Pharmaceutical Chemistry at the University of Kansas (KU) are seeking an outstanding candidate with expertise related to vaccines at the Assistant or Associate Professor rank, although exceptional candidates at a higher rank will be considered. This joint faculty position is among those released as part of the School of Engineering Building on Excellence Initiative and aims to build ties between the School of Engineering and the School of Pharmacy. Special consideration will be given to applicants 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/. The outstanding environment at KU includes two nearby medical centers, two new engineering buildings, the Bioengineering Research Center, and the Institute for Advancing Medical Innovation. The Department of Chemical and Petroleum Engineering has a proud tradition of commitment to both education and research. The department has 19 faculty members, with over 500 undergraduate students and 50 graduate students. The Department of Pharmaceutical Chemistry has 15 faculty members and is part of The School of Pharmacy, which is ranked #1 for research grant funding per faculty. Applications must include a cover letter, CV, and names of at least three references. **For additional information and submission of applications, visit http://employment.ku.edu: Select "Search Faculty Jobs" and search with keyword "vaccine".** The position is available beginning August 18, 2014. Salary and benefits are competitive and commensurate with qualifications and experience. Questions should be sent to Professor Cory Berkland at berkland@ku.edu. Review of applications will begin on October 18, 2013 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

THE DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF KANSAS (KU) is seeking an outstanding candidate with expertise in regenerative medicine and tissue engineering at the Assistant Professor rank, although exceptional candidates at a higher rank will be considered. This faculty position is among those released as part of the School of Engineering Building on Excellence Initiative. 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/. The outstanding environment at KU includes two nearby medical centers, two new engineering buildings, the Bioengineering Research Center, and the Institute for Advancing Medical Innovation. The Department of Chemical and Petroleum Engineering has a proud tradition of commitment to both education and research. The department has 19 faculty members, with over 500 undergraduate students and 50 graduate students. Applications must include a cover letter, CV, and names of at least three references. **For additional information and submission of applications, visit http://employment.ku.edu: Select "Search Faculty Jobs" and search with keyword "regenerative".** The position is available beginning August 18, 2014 (January 2014 start date is negotiable). Salary and benefits are competitive and commensurate with qualifications and experience. Questions should be sent to Professor Michael Detamore at detamore@ku.edu. Review of applications will begin on October 18, 2013 and will continue until selections are made. Equal Opportunity Employer M/F/D/V.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. Emphasis should be given to candidates with research interests in energy (process engineering), sustainability, biomass or biological engineering but other areas would also be considered. Joint appointment with another Department is possible. **Applicants should send a curriculum vitae, detailed description of research and teaching interests, and names of at least three references to: cbesearch@sol.rutgers.edu. Application deadline is December 15, 2013 and review of applications will continue until the position is filled.** Early applications are encouraged so that the Search Committee may arrange to meet with potential candidates during the annual AIChE meeting. Information about the department can be found at http://sol.rutgers.edu. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

NATIONAL UNIVERSITY OF SINGAPORE
DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING
invites applications for faculty positions at all levels. The Department is one of the largest, and internationally renowned with excellent in-house experimental and computational infrastructure. **Tenure-track:** We seek dynamic individuals with strong research record and leadership potential, who can develop well-funded research programs of international visibility and impact in areas related to materials, membranes, carbon management, energy, and sustainability. A PhD in Chemical Engineering or related areas is required. Applicants should send a full curriculum vitae, detailed research plan, teaching interests, and names of at least three referees. Shortlisted candidates are invited to meet the Faculty Search Committee at the 2013 AIChE Annual Meeting in San Francisco. **Teaching-track:** We seek motivated individuals who can excel in teaching chemical engineering subjects, particularly, design project and SHE (safety, health & environment) modules, and in educational leadership including administration. Applicants with the evidence of focus and passion towards teaching excellence, student learning, and pedagogical research and innovation may apply. The application should include full curriculum vitae, teaching interests, philosophy and methodology, and names of three referees. Only shortlisted candidates will be notified. **Visit http://www.chbe.nus.edu.sg/career/career-main.html and apply before 15th November 2013.**

Iowa State Seeks Two Chemical Engineering Faculty

The Department of Chemical and Biological Engineering at Iowa State University (**www.cbe.iastate.edu**) solicits applications for two tenure-track faculty positions at the Assistant, Associate, or Full Professor level. This person will join 21 collegial, supportive, and diverse faculty. The positions are tenure-track, nine months, full-time, and are proposed to start on August 18, 2014.

All applicants should have a Ph.D. in chemical engineering or a related field. Candidates will be expected to develop and teach undergraduate and graduate courses, to establish and sustain strong research programs in their area of expertise, and to contribute to departmental and university service activities. Applicants will have demonstrated research accomplishments and the potential for continuing excellence in both research and teaching commensurate with the level of the position. The research area is open. However, applicants that complement and strengthen our existing research programs are especially welcome.

The department has a dynamic research environment that is especially strong in bio-renewables, materials, bioengineering, and computational fluid dynamics and simulation. Many of these programs involve interdisciplinary collaborations across the campus and the strong support of university centers in those areas, including the NSF-funded Center for Biorenewable Chemicals (CBiRC) and the Department of Energy's Ames Laboratory. The department's research funding for fiscal year 2012 was over $12 million. Iowa State University has 31,000 students (Fall 2012) and is a member of the Association of American Universities. Its campus is considered one of the most beautiful in the U.S. It is located in Ames, Iowa, a city with a 2012 estimated population of 60,000. In 2012 it was named the No. 2 Best College Town, according to the American Institute of Economic Research.

To apply for this position, please go to **www.iastatejobs.com**, click on "Faculty," find **Vacancy ID #130699**, and then click on "Apply for this Vacancy" to complete the employment application.

IOWA STATE UNIVERSITY
Department of Chemical and Biological Engineering

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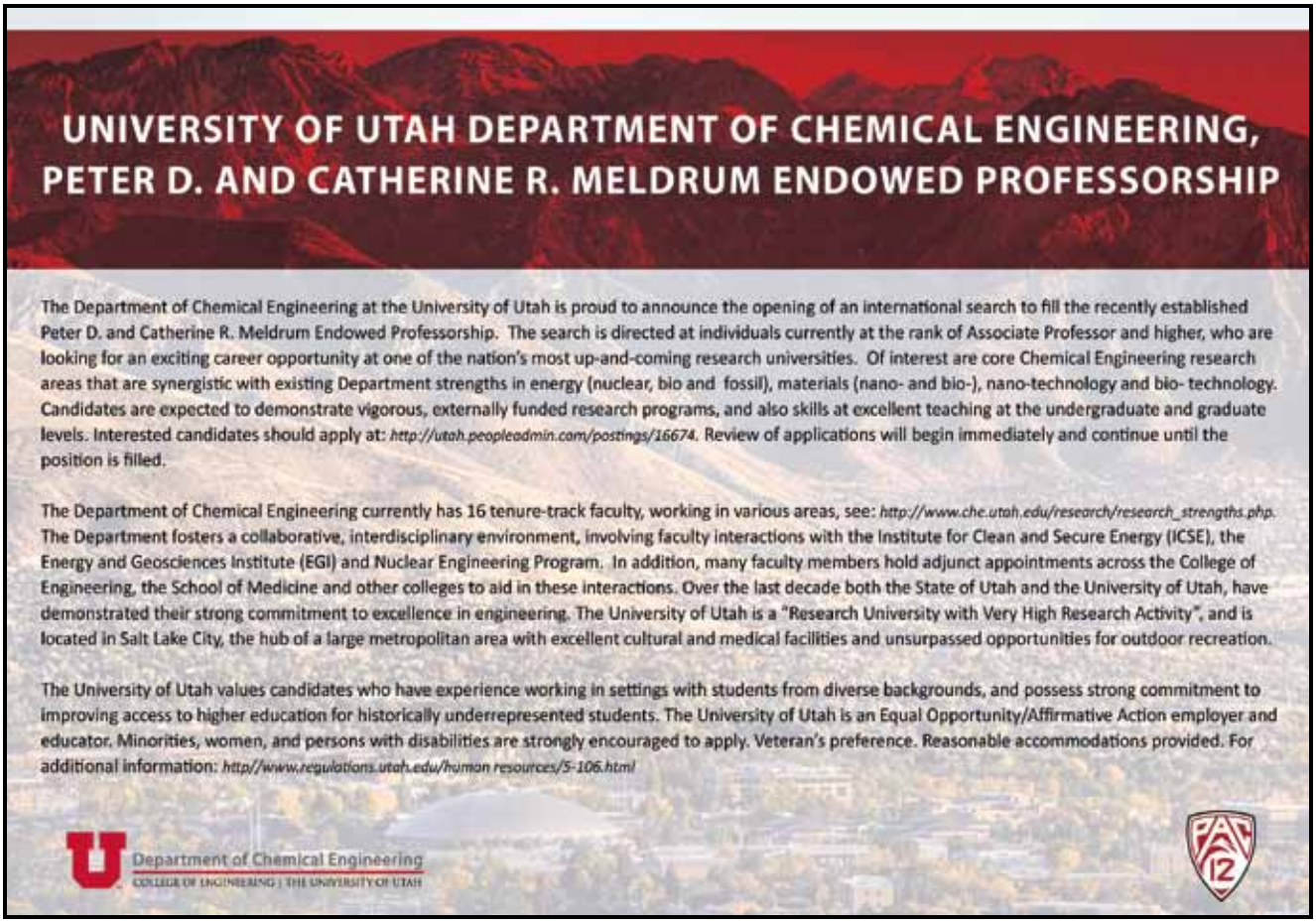
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN
CHEMICAL AND BIOMOLECULAR ENGINEERING
FACULTY POSITIONS

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. P**lease 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, 2013.** Illinois is an AA-EOE. (www.inclusiveillinois.illinois.edu).

TENURE-TRACK ASSISTANT PROFESSORS
UNIVERSITY OF SOUTH CAROLINA
BIOMEDICAL ENGINEERING PROGRAM AND THE NIH-FUNDED CENTER OF BIOMEDICAL RESEARCH EXCELLENCE (COBRE): CENTER FOR DIETARY SUPPLEMENTS AND INFLAMMATION

The University of South Carolina College of Engineering and Computing invites applications for two tenure-track faculty positions at the rank of Assistant Professor. Successful candidates will be appointed as core faculty within the Biomedical Engineering program and will become part of the Center for Dietary Supplements and Inflammation (http://cobre.med.sc.edu/ and http://camcenter.med.sc.edu/). This NIH-funded Center for Biomedical Research Excellence (COBRE) is an integrated University-wide center involving faculty members from the College of Engineering and Computing, School of Medicine, College of Pharmacy, School of Public Health, and College of Arts and Sciences. The COBRE for Dietary Supplements and Inflammation was established to pursue multidisciplinary research to discern how dietary supplements can modulate inflammation to prevent and/or treat disease. Outstanding applicants working in the area of inflammation with incentive to incorporate dietary supplements within their research are encouraged to apply. Areas of research specialization include but are not limited to: elucidation of molecular events that occur during disease-associated inflammation, establishment of computational models to describe and predict inflammatory molecular interactions, development of quantitative measures for inflammation-associated molecular interactions, development of new diagnostic or imaging techniques for studying inflammation in cellular or animal models, and design of novel materials for delivery of dietary supplements. Applicants must have a PhD and postdoctoral experience in a relevant field of engineering or computing and a record indicating exceptional potential for research in an area of biomedical engineering relevant to the COBRE effort. The successful candidates will establish an externally funded (NIH R01 or equivalent) interdisciplinary research program of national and international prominence and demonstrate dedication to graduate and undergraduate education within the Biomedical Engineering program. Appointed faculty will receive strong mentorship from senior faculty associated with the COBRE effort. Appointed faculty will also be eligible to apply for funds from the NIH COBRE grant unless supported by major independent funding, current or past, such as NIH R01 or K99/R00. Appointed faculty who receive NIH R03, R21 or smaller grants are still eligible to apply for COBRE funding. The successful candidates will be affiliated with the Biomedical Engineering degree program, which is administered by the College of Engineering and Computing in collaboration with the School of Medicine. Primary appointments will be within the Dept. of Chemical Engineering or the Dept. of Mechanical Engineering. The Biomedical Engineering program offers BS, MS, and PhD degrees and currently supports over 250 undergraduate and graduate students and a faculty comprising 12 core and over 20 affiliated members spanning the College of Engineering and Computing, College of Arts and Sciences, and School of Medicine. **Applicants should submit with their letter of application, a curriculum vitae, research and teaching plans, and contact information for at least three references. Applications should be submitted electronically to BiomedFac-Search@cec.sc.edu.** The search will begin immediately and continue until positions are filled. The University of South Carolina is an EOAA Employer and encourages applications from women and minorities and is responsive to the needs of dual career couples.



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 2014. We seek the best available candidate with preference to those with expertise in energy, advanced materials, or environmental engineering. A strong background in teaching and mentoring, with interests in laboratory-based teaching, multidisciplinary collaboration, and experiential education, is 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 closely related field. **A cover letter, statement of teaching interests, research plans, a curriculum vitae, and list of three references should be addressed to: Search Committee, Dept. of Chemical and Biomolecular Engineering. Email applications and questions to: chbe@lafayette.edu.** Review of applications will begin November 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.

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 CHEMICAL ENGINEERING PROGRAM OF THE FACULTY OF ENGINEERING AND ARCHITECTURE AT THE AMERICAN UNIVERSITY OF BEIRUT invites applications to fill four full-time faculty positions at the Assistant Professor rank in the areas of Chemical and Petroleum (oil and gas) Engineering. Applicants must have a PhD degree in Chemical/Petroleum 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. **Kindly send your application with a brief statement that articulates your teaching philosophy and research plans, a curriculum vitae and the contact informa-**

tion for four references, to the Dean, Faculty of Engineering and Architecture, the American University of Beirut, P.O. Box 11-0236, Riad El-Solh, Beirut 1107-2020, Lebanon. Applications should also be submitted by e-mail to fea@aub.edu.lb. Information about the Program and the associated faculty members can be found at www.aub.edu.lb/fea. The American University of Beirut is an Affirmative Action, Equal Opportunity Employer. For more information, consult the AUB home page www.aub.edu.lb.

FACULTY POSITIONS IN CHEMICAL ENGINEERING

The Ira A. Fulton Schools of Engineering at Arizona State University seek applicants for tenure-track/tenured faculty positions in Chemical Engineering. The successful candidate will complement and add to the program's foundational strength in chemical engineering education while advancing one or more of its key research areas in energy, biomolecular engineering, sustainability, advanced materials and separation technologies. The originality and promise of each candidate's work are higher priorities than the specific area of research. We seek applicants with interests in interdisciplinary teaching and research, and who will connect with pan-university research initiatives like 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 or a closely 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. Appointments will be at the assistant, associate or full professor rank commensurate with the candidate's experience and accomplishments, beginning January 2014 or August 2014. Review of applications will occur on the 1st and 15th of the month 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 che.faculty@asu.edu.** For more information or questions about this position, please contact the search committee chair Regents Professor Jerry Lin via email at Jerry.Lin@asu.edu. Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. See ASU's complete non-discrimination statement.

JOINT FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AND ELECTRICAL ENGINEERING AND COMPUTER SCIENCE AT VANDERBILT UNIVERSITY

The Departments of Chemical and Biomolecular Engineering and Electrical Engineering and Computer Science at Vanderbilt University (VUChBE and VUEECS) together with the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) invite applications for a tenured/tenure-track faculty position, with preference for appointment at the assistant or associate professor rank. We seek an outstanding candidate with demonstrated expertise at the intersection of energy, nanotechnology, and devices. Applicants must demonstrate the ability to develop a vibrant, externally funded research program, along with an equal commitment to outstanding teaching at both the undergraduate and graduate levels. All junior faculty members hired in VUChBE (http://engineering.vanderbilt.edu/chbe/) and VUEECS (http://engineering.vanderbilt.edu/eecs/) in the past decade have received prestigious young investigator awards, such as NSF CAREER, PECASE, and DARPA CSSG. VINSE is the nucleus for nanoscale materials and device research at VU, and offers access to comprehensive and state-of-the-art core facilities. This opportunity is part of the School of Engineering's strategic direction in 'Energy and Natural Resources' and coincides with the construction of a new building slated for occupancy during the summer of 2016. Ranked in the top 20 nationally, Vanderbilt University is a private, internationally renowned research university located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. Its ten distinct schools share a single cohesive campus that includes a co-located medical center and nurtures interdisciplinary activities. **Applications should be submitted electronically to https://academicjobsonline.org/ajo/jobs/3047 and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research, and a statement of teaching philosophy. Applications received prior to 15 November 2013 will receive priority in evaluation.** Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty. Women and minorities are especially encouraged to apply.

LEHIGH UNIVERSITY

TENURE-TRACK ASST. PROF. 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 2014. We are looking for exceptional candidates with research interests in Shale Gas and Hydrocarbon Processing that cut across one or more disciplines related, but not limited, to catalysis, reaction engineering, separations, and process integration. The position will be closely aligned with a campus level initiative involving multiple departments to build technical expertise to exploit the economic benefits of producing value-added chemicals and liquid fuels from shale gas and other hydrocarbons.

Lehigh has strong interdisciplinary and interdepartmental groups in catalysis, materials, energy technologies, and nanotechnology with which the candidate can interact. 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/3191.** Inquiries should be addressed to: Prof. Steven McIntosh (chesearch@lehigh.edu), Chair of the Shale Gas 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.

Lehigh has a strong tradition of interdisciplinary activities, and joint appointments with other departments are possible. 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 in a diverse learning environment are core values of Lehigh's mission.

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/3189.** Inquiries should be addressed to: Prof. Hugo Caram (energysearch@lehigh.edu), Chair of the Energy Sciences Search Committee, Department of Chemical Engineering, Lehigh University.

Review of applications for both positions will begin immediately, but applications will be considered until the position is filled.

Lehigh University is one of seven recipients in 2010 of an NSF ADVANCE Institutional Transformation Grant to enhance recruitment, retention, and the advancement of women faculty in Science, Technology, Engineering and Mathematics (STEM) fields at Lehigh. Applications by all underrepresented groups are encouraged.

Lehigh University is an affirmative action/equal opportunity employer and does not discriminate on the basis of age, color, disability, gender, gender identity, genetic information, marital status, national or ethnic origin, race, religion, sexual orientation, or veteran status. Lehigh University provides comprehensive benefits including partner benefits.

JOINT FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AND BIOMEDICAL ENGINEERING AT VANDERBILT UNIVERSITY

The Departments of Chemical and Biomolecular Engineering and Biomedical Engineering at Vanderbilt University (VUChBE and VUBME) invite applications for a tenured/tenure-track faculty position. VUChBE/VUBME seeks an outstanding candidate who can synergistically leverage our interdisciplinary environment, including our co-located School of Medicine and College of Arts and Science, to establish a leading research program that applies engineering approaches to enhance tissue regeneration. Applicants must demonstrate the ability to develop a vibrant, externally funded research program, along with an equal commitment to outstanding teaching at both the undergraduate and graduate levels. All levels will be considered, but senior candidates with translational research interests and the credentials to lead joint initiatives between engineering and medicine are particularly invited to apply. This opportunity is part of an interdisciplinary Vanderbilt research thrust in 'Medicine and Health' and leverages a new building, combining engineering and medicine in an integrated way among shared, open-format research space and projected for occupancy in summer of 2016. VUChBE (http://engineering.vanderbilt.edu/chbe/) and VUBME (http://engineering.vanderbilt.edu/bme/) exist at the scientific and geographic interface of Vanderbilt's research and clinical departments of its renowned medical center, making it an ideal location for engineering research in translational regenerative medicine and tissue engineering. Ranked in the top 20 nationally, Vanderbilt University is a private, internationally recognized research university located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. Its ten distinct schools share a single cohesive campus that nurtures interdisciplinary activities. Furthermore, interdisciplinary institutes including the Vanderbilt University Institute of Imaging Science (VUIIS), Vanderbilt Institute of Chemical Biology (VICB), and Vanderbilt Institute for Nanoscale Science and Engineering (VINSE) offer access to comprehensive and state-of-the-art core facilities. **Applications should be submitted electronically (https://academicjobsonline.org/ajo/jobs/3013) and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research and a statement of teaching philosophy. Applications received prior to 01 November 2013 will receive priority in evaluation.** Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty. Women and minorities are especially encouraged to apply.

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. Qualified candidates at all levels will be considered, including endowed chair, with hiring rank and tenure status commensurate with academic accomplishments. Examples of research areas include, but are not limited to: microbiological aspects of water quality and treatment, membrane processes for water treatment and reuse, molecular 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 research strengths include biofilms and biofilm processes, environmental nanoscience and technology, environmental microbiology, environmental surface chemistry, environmental geochemistry and geomicrobiology, 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 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/positions-available-environmental-engineering.** 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 November 1, 2013, 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.

TENURE-TRACK FACULTY WASHINGTON UNIVERSITY IN ST. LOUIS

The School of Engineering and Applied Sciences (SEAS), Department of Energy, Environmental & Chemical Engineering (www.eece.wustl.edu), at Washington University in St. Louis seeks individuals for a tenure-track faculty appointment expected to begin with the 2014-15 academic year. This position is open to all areas of aerosol science and technology. The successful candidates should have an earned Ph.D. in chemical engineering, or another related engineering or science discipline. The selected candidate will be expected to teach classes at the undergraduate and graduate level. Senior faculty will be expected to play a leadership role within the Department, and to promote interdisciplinary research within the School of Engineering and throughout the University in the field of energy and environment. **Application requirements and details are available at: http://engineering.wustl.edu/facultyopenings.aspx. Information should be directed to aerosolfaculty@seas.wustl.edu.** Washington University is an Equal opportunity/affirmative action employer. Employment eligibility verification is required upon hire. Washington University in St. Louis, One Brookings Drive, St. Louis, MO 63130-4899

TENURE-TRACK FACULTY POSITIONS IN CHEMICAL ENGINEERING

The Department of Chemical Engineering at Texas Tech University invites applications for two tenure track faculty positions. Rank is anticipated at the level of Assistant Professor; other ranks will be considered. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field and demonstrated potential for outstanding scholarly work and funding. The department has a strong research portfolio with 2012 research awards of over $ 5 million in four focus areas: Bioengineering; Energy and Sustainability; Polymers and Materials; and Simulation/Modeling in Chemical Engineering. Successful candidates will be expected to develop a nationally recognized and externally funded research program, 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 https://jobs.texastech.edu - use requisition number 89532. The application process requires uploading a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references. Further information can be obtained by contacting the Associate Department Chair, Dr. Brandon Weeks. Review of applications will begin on November 15, 2013;** applications will be accepted until the position is filled. Starting date may be as early as June 1, 2014. Candidates must be currently eligible to work in the United States. Texas Tech University is an Affirmative Action/Equal Opportunity Employer, committed to excellence through diversity. Texas Tech welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.

ENDOWED CHAIR IN CHEMICAL ENGINEERING

The Department of Chemical Engineering at Texas Tech University invites applications for an Endowed Chair in Chemical Engineering. Rank is anticipated at the level of Full Professor; other ranks will be considered. The position is supported with a $2 million endowment. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field and an outstanding record of scholarly work and demonstrated funding. The department has a strong research portfolio with 2012 research awards of over $ 5 million in four focus areas: Bioengineering; Polymers and Materials; Modeling and Simulation in Chemical Engineering; and Energy and Sustainability. Successful candidates will be expected to manage an internationally recognized and externally funded research program, develop strong departmental and multidisciplinary collaborations, potentially also with the adjacent Health Sciences Center and medical school, teach existing graduate and undergraduate courses in chemical engineering, and develop new courses. The candidate will be expected to offer appropriate service to the department, college, and university as needed. Applicants must apply at the TTU online job application web site at https://jobs.texastech.edu - use requisition number 85025. **The application process requires uploading a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references. Further information can be obtained by contacting the**

search committee chair, Dr. Gregory B. McKenna at greg.mckenna@ttu.edu. Review of applications will begin on November 15, 2013; applications will be accepted until the position is filled. Starting date may be as early as June 1, 2014. Candidates must be currently eligible to work in the United States. Texas Tech University is an Affirmative Action/Equal Opportunity Employer, committed to excellence through diversity. Texas Tech welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.

ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING

Rowan University is seeking candidates to fill a tenure-track faculty position in Chemical Engineering at the Assistant Professor rank. A doctorate in chemical engineering or related field is required for appointment. Preferred research area is in biochemical or biomolecular engineering with a focus in vaccine and biologics development, pharmaceutical and new molecule design, and fermentation processes for therapeutic or biofuel applications; however, outstanding candidates in all areas will be considered. 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. The candidate will be expected to form research collaborations with the new Cooper Medical School of Rowan University, Rowan University School of Osteopathic Medicine, other universities, institutes, and industries in the region. A plan for a research program that specifically addresses the above characteristics must be presented. Strong written and oral communication skills are required. Starting date for this position is September 1, 2014. **Interested candidates are invited to submit a letter of application, curriculum vitae, statements of research and teaching interests, and names, addresses, and phone numbers of three references. To file an application please visit http://rowanuniversity.hodesiq.com/my-profile.aspx. Review of applications will begin immediately and the deadline date for applications is December 1, 2013.** Rowan University values diversity and is committed to equal opportunity in employment. All positions are contingent upon budget appropriations.

UCLA CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT

The Chemical and Biomolecular Engineering Department of the Henry Samueli 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. **To apply, please go to https://recruit.apo.ucla.edu/apply/JPF00073 by 02/01/14.** UCLA and the Chemical and Biomolecular Engineering Department are committed to the development of a campus climate that supports equality and diversity. We welcome candidates whose experience in teaching and/or mentoring underrepresented students has prepared them to contribute to our commitment to diversity and excellence. The University of California is an affirmative action/equal opportunity employer.

FACULTY OPENING CLARKSON UNIVERSITY

The Department of Chemical and Biomolecular Engineering seeks a tenure-track faculty member who will contribute to the educational, research, and service activities of the Department. We expect the incumbent to develop a nationally recognized research program that provides graduate and undergraduate students with significant research experiences as well as teaching courses within the Department's undergraduate curriculum. The incumbent must have a doctoral degree in Chemical Engineering or a closely related engineering discipline, an outstanding academic record and a demonstrated commitment to excellence in undergraduate and graduate education, be capable of establishing a strong international research reputation, and have research expertise in one of Clarkson's research focus areas: Environment and Energy, Bioscience and Bioengineering, and Advanced Materials. We would expect the successful candidate to have a record of significant publications in high level journals. Post-doctoral experience is desirable but not required. Prior experience in development of successful grant proposals would be desirable. The successful candidate must be able to complete essential classroom functions. Clarkson is committed to complying with the guidelines set forth under the Americans with Disabilities Act. **Qualified persons may apply at https://clarkson.peopleadmin.com/hr/postings/1548.** An equal opportunity/affirmative action employer, Clarkson University actively seeks and encourages applications from minorities, women and people with disabilities.

UNIVERSITY OF TEXAS ASSISTANT PROFESSOR

The McKetta 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. There are two potential faculty positions available. For the first, researchers with interests in advanced materials for energy sciences, bioprocessing, or the discovery and delivery of therapeutics are encouraged to apply. For the second, researchers with interests in catalysis for energy storage and generation, sustainable chemical feedstocks and fuels, or materials for water purification are sought. Applications from women and minorities are especially encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a leading sponsored research program, collaborate with other faculty, and participate actively 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. Applicants should also provide the names, address and telephone numbers of three or more references. **The online application form can be found at http://www.che.utexas.edu/facultyapplication. Please apply by November 22, 2013 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.

CHEMICAL AND BIOCHEMICAL ENGINEERING

The University of Iowa invites applicants for a tenure-track faculty position. The position is targeted at the Assistant Professor level but all ranks will be considered. Preference will be given to candidates with water sustainability and/or energy related research areas, but others with interests that complement existing departmental strengths will also be considered. The successful candidate is expected to develop an internationally recognized research program and to contribute fully as a scholar through teaching undergraduate and graduate courses and through service to science and engineering. **Detailed descriptions of the available position, candidate requirements, and application process can be found at: http://jobs.uiowa.edu/, under the faculty section, searching requisition 63276.** Applications from women and minorities are especially encouraged. The University of Iowa is an Equal Employment Opportunity/Affirmative Action Employer.

ASSISTANT/ASSOCIATE PROFESSOR
UCONN CHEMICAL & BIOMOLECULAR ENGINEERING

The Department of Chemical & Biomolecular Engineering at the University of Connecticut invites applications for a tenure-track position at the Assistant or Associate Professor level. Applicants must have a PhD in chemical engineering or a closely related field at the time of appointment. Successful candidates will develop, sustain, and grow a funded research program of excellence in a field of Chemical & Biomolecular Engineering (CBE), and teach chemical engineering courses at the undergraduate and graduate level. The research specialty of interest is computer applications in chemical engineering, such as: development of theory, modeling, simulation, design, optimization, and control; as applied to systems, processes, and reaction pathways. The successful candidate may also become an active participant in one or more of the interdisciplinary research centers at the University (e.g., the Center for Environmental Sciences and Engineering, the Biotechnology-Bioservices Center, the Institute of Materials Science, the Booth Engineering Center for Advanced Technology, and the Center for Clean Energy Engineering). The successful candidate's primary academic appointment will be at the Storrs campus. Salary and rank will be commensurate with qualifications. **Please visit Husky Hire at http://jobs.uconn.edu/faculty/schools_colleges/engineering.html for more details and to submit a curriculum vitae, a 5 – 10 page research plan, a 1 – 3 page teaching plan, and the names and contact information of four references.** Review of applications will start immediately and continue until the position is filled. **Reference Search #2014122.** The University of Connecticut is an EEO/AA employer.

SURFACE SCIENCE FACULTY POSITION

The Department of Chemical and Petroleum Engineering at the University of Kansas (KU) is seeking an outstanding tenure track faculty candidate at the assistant 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, http://employment.ku.edu, select "Search Faculty Jobs," search keyword "surface."** Review of applications begins October 15, 2013. Equal Opportunity Employer M/F/D/V.

TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

The chemical engineering department at TUSKEGEE UNIVERSITY is seeking to fill three TENURE-TRACK positions. The successful candidate must have a Ph.D. in chemical engineering or related fields with research expertise in the area of biochemical engineering or nano technology. Duties include teaching graduate and undergraduate courses, supervising master students and conducting a vigorous self-reliant research program. Applicants should submit a resume, statement of teaching and research plans, and names of three references (all in a single pdf file) to vahdatn@mytu.tuskegee.edu. Tuskegee University is an equal opportunity employer. It does not discriminate on the basis of race, color, national origin, sex, religion, age or disabled status in offering employment or providing services to the people.

FACULTY OPENING
ARTIE MCFERRIN DEPARTMENT OF CHEMICAL ENGINEERING
TEXAS A&M UNIVERSITY

The Artie McFerrin Department of Chemical Engineering at Texas A&M University is seeking applicants for tenure-track faculty position. Possible titles include Assistant Professor, Associate Professor, or Professor dependent on the successful candidate's qualifications, in the field of chemical process safety or system safety. Applicants must have a Ph.D. in chemical engineering or related field. They must also have the potential and a commitment to excellence in undergraduate/graduate teaching, research, and service. This is a tenure-track position; teaching is a requirement of this job. Research areas of particular interest are process safety, system safety, and risk analysis. Either industrial experience in the process industries or academic research in a related area is desirable. A history of publication in peer-reviewed journals is required. The Mary Kay O'Connor Process Safety Center is a research center affiliated with the Chemical Engineering Department and is currently engaged in research in source-term modeling of chemical releases, aerosol experiments and modeling of aerosols, inherent safety, flammability, reactive chemicals, process control, process systems engineering, inherently safer design, analysis of accident databases, performance measurement, and risk analysis. The mission and vision of the Center and other information is available at process-safety@tamu.edu. In addition to process safety the Center serves as the coordinator for a multi-disciplinary program in safety engineering. This program leads to either a safety certificate associated with any baccalaureate degree in engineering, or masters degree in safety engineering. The Center currently has over 30 PhD students from multi-disciplinary backgrounds (e.g., chemical engineering, petroleum engineering, mechanical engineering, materials science, industrial engineering). Participation in all these programs is also expected. Applications must include the following: (1) curriculum vita (including research and teaching interests), (2) statement of research and teaching plans, (3) copies of selected publications, and (4) names of five references. E**lectronic submissions are preferred and should be sent to the following e-mail address: mannan@tamu.edu and a-alvarado@tamu.edu. The cover letter should be addressed to: Professor M. Sam Mannan, Chair of Search Committee-Process Safety, Artie McFerrin Department of Chemical Engineering, 3122 TAMU, Texas A&M University College Station, TX 77843-3122.** Applications will be considered as received and until the position is filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer. The university is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans.

COLORADO SCHOOL OF MINES, GOLDEN, CO

The Department of Chemical and Biological Engineering invites applications for an Assistant Professor position to begin August 2014. Research areas in which faculty will be sought are broad; however, we have a particular interest in catalysis, biochemical engineering, sustainable energy production, interfacial engineering, and biomedical engineering. A commitment to undergraduate and graduate research and education is required. **For complete job announcements and instructions on how to apply for this position, please visit our web site at http://inside.mines.edu/HR-Academic-Faculty.** Information about the Department can be found at http://chemeng.mines.edu/. Mines is an EEO/AA employer.

THE UNIVERSITY OF TULSA, TENURE-TRACK APPOINTMENT.

The Department of Chemical Engineering is seeking to fill a tenure-track position at the Assistant Professor level. The desired area of research is in the energy field, including traditional, alternative, and bioenergy. The anticipated starting date is Fall 2014. The successful candidate must have a sincere commitment to excellence in teaching and research, and must have a formal educational background that provides a foundation for teaching traditional chemical engineering graduate and undergraduate courses. Minimum qualifications include an earned doctorate or its equivalent in chemical engineering or a closely related field, at least one degree from an ABET accredited engineering program, the ability to communicate effectively, and the ability to conduct a high-quality, externally funded research program. The Department, one of ten in the College of Engineering and Natural Sciences, offers degree programs through the Ph.D., with a current enrollment of approximately 170 students. The Department of Chemical Engineering has a strong reputation in energy offering excellent collaborative opportunities for the successful candidate. **Applicants should forward a curriculum vitae, a one page statement of teaching interests and qualifications, a one page summary of projected research activities, and the names, addresses and phone numbers of three references. Applications should be sent to ChESearch@utulsa.edu or Geoffrey L. Price, Chairman, Department of Chemical Engineering, University of Tulsa, 800 S. Tucker Dr., Tulsa, OK 74104-3189.** Screening of candidates will begin October 1, 2013 and will continue until the appointment is made. Under represented minorities and women are especially encouraged to apply. The University of Tulsa is an Equal Employment Opportunity/Affirmative Action employer.