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POSITIONS OPEN

CHEVRON EXPERIENCED PROCESS ENGINEERS

Chevron has opportunities for experienced Process Engineers at our refineries in Belle Chasse, Louisiana or Pascagoula, Mississippi or Richmond, California. Process Engineers perform a variety of technical support work for the Hydrocracking, Hydrotreating, Lube Hydroprocessing, and Residuum Hydrotreating technologies as well as other refining technologies. This work includes catalyst and licensing proposals, technical service, process designs, and startup support. Responsibilities: Help manage the execution of process design packages and the process design work for engineering design packages (EDP) on time and within budget.; Represent Chevron technology to internal and external licensing clients, functioning as main client contact; Develop process flow configurations to meet clients' needs; Mentor junior engineers in process design competencies. Required Qualifications: Bachelor's degree in Chemical Engineering; A minimum of 10 years of related process engineering experience in the chemical, petrochemical or

refining industries; Process Design Experience - Must have basic knowledge of process design tools such as PROVISION (or similar process simulator), heat exchanger design tools, etc.; Field Experience - Basic understanding of how equipment functions in a refinery and overall plant operation is required. **To apply, please visit our web site at www.chevron.com.** EOE M/F/D/V

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<http://careerengineer.aiche.org> or

<http://www.aiche.org> (Career Resources then Find a Job)

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:

- **Operations Engineer**
BASF, The Chemical Company
- **PhD Materials Scientist/Engineer**
Procter & Gamble
- **Process Engineer**
Avery Dennison
- **Sr. Engineer**
Pepperidge Farm Inc.
- **Purify Sales Manager, North America**
Verenium
- **Techno-Economic Analysis Analyst**
Amyris
- **Quality Manager**
Georgia-Pacific
- **Process Engineer**
EMD Millipore
- **Project Development Engineer**
Merck
- **Agilent Labs Postdoctoral Position in Fluidics Modeling and Simulation**
Agilent Technologies

engineering, research and development to design and fabrication of a plant. A.C.T. is expanding our facilities and growing with a highly desirable Marketing Manager position. We are seeking the best possible candidates to fill this position. B.S. Degree in Chemical Engineering, Mechanical Engineering or Chemistry; Knowledge and experience in the biomass field and / or chemical industry preferred; 5-10 years experience in engineering and / or industrial fields and sales; Must be willing to relocate. **Send resume to: bunderwood@appliedchemical.com. Visit our website at www.appliedchemical.com. No phone calls, please.** A.C.T. Inc., is an EEO employer.

ACADEMIC OPENINGS

TENURE-TRACK POSITION VILLANOVA UNIVERSITY

Villanova University invites applications for a tenure-track position in the Department of Chemical Engineering to begin in August 2012. An earned doctorate in Chemical Engineering or a closely allied discipline is required. The applicant must be committed to excellence in engineering education, must be an excellent communicator and must be able to develop an active and funded research program that will lead to scholarly growth and development. Research interests are open; but alternative energy and bioengineering are preferred. Areas suitable for collaborations with current faculty will be considered 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, statements of research and teaching experience and vision, transcripts, and the names and contact information of three professional references. Application materials are due no later than December 1, 2011.**

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY invites applications and nominations for a tenure-track faculty positions at the Assistant Professor level for Fall 2012. 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 in the department: (1) Biomolecular Engineering (synthetic systems biology, immunology, and cellular and protein engineering are of special interest) and (2) Energy and Materials, broadly defined, including all aspects of energy conversion (solar, fuel cells), energy storage (batteries, supercapacitors), and energy efficiency; nanomaterials approaches to energy solutions are of particular interest. A Ph.D. with

a distinguished academic 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 located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Interdisciplinary research opportunities exist with faculty in many other departments 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), Vanderbilt Institute of Chemical Biology (VICM), and Vanderbilt Institute of Nanoscale Science and Engineering (VINSE) offer access to comprehensive and state-of-the-art support core facilities. **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 be submitted on-line at <https://academicjobsonline.org/ajo/jobs/816>. Screening of applications will begin October 1, 2011 and will continue through December 2011. Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.**

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING, UNIVERSITY OF WISCONSIN-MADISON invites outstanding individuals to apply for a tenure-track or tenured faculty position that is available as part of an exciting campus initiative: the Wisconsin Institutes for Discovery (WID). General information on WID can be found at discovery.wisc.edu. The BIONATES (Bio-nanocomposite Scaffolds for Tissue Engineering) research theme at the WID seeks applicants with expertise in combining micro-, nano- and biotechnology to bridge the fields of chemistry, biology, and engineering. Successful applicants will be able to work in a diverse, multidisciplinary environment, performing research at the interface of tissue engineering, cell and developmental biology, chemistry, bio-, and nano-technology, as well as materials science and polymer engineering. **Apply on-line at newfac.bionates.discovery.wisc.edu.** Candidates should have a distinguished academic record, exceptional potential for creative research and a commitment to both graduate and undergraduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. Applications received prior to Dec. 31, 2011 will receive full consideration. Unless confidentiality is requested in writing, information regarding applicants must be released upon requests. Finalists cannot be guaranteed confidentiality. UW-Madison is an Equal Opportunity/Affirmative Action employer.


**R&D Engineer
Job Opening**

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OCI is a global green energy and chemical company with a product portfolio of inorganic chemicals, petro and coal chemicals, fine chemicals, renewable energy and insulation materials. OCI is currently looking for research engineers around the globe.

Position: R&D Research Engineer

Location: Seongnam, Gyeonggi-do, South Korea


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To Apply: E-mail your resume, cover letter and summary of thesis

Contact: globalrecruit@oci.co.kr


**R&D Engineer
Job Opening**

"Best Employers in Korea" <Hewitt Associates in 2009>
"Global #1 Sustainable Value Creator" <Boston Consulting Group in 2009>

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직무: R&D 연구원

위치: 대한민국, 경기도 성남

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연구분야:
화학공정, 유기합성, 화학, 태양광, 소재/재료, 분석

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지원 방법: E-mail로 이력서(CV), 연구기술서 제출

문의사항: globalrecruit@oci.co.kr

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

The Department of Chemical Engineering seeks outstanding applicants for a tenure-track faculty position 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. In general, candidates with research and teaching interests in all areas relevant to the field of chemical engineering will be considered. Researchers with interests in the areas of energy sciences, materials and systems biology are particularly encouraged to apply. Applications from women and minorities are especially encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a sponsored research program, collaborate with other faculty, and be involved in service to the university and the profession. **Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and telephone numbers of three or more references to: Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu).** Scheduling for interviews will begin in late November 2011. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

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. There are no restrictions

on research area for candidates. 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, or Chair of the Search Committee, Department of Chemical and Biochemical Engineering, Rutgers The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854-8058.** Review of applications will continue until the position is filled. 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.

FACULTY POSITION WAYNE STATE UNIVERSITY

The Department of Chemical Engineering and Materials Science at Wayne State University seeks applications for 2 tenure-track positions at the assistant or associate professor level, with appointments beginning in Fall 2012. These positions are part a multi-year plan for departmental growth in strategic research areas, which began with 2 new faculty recruited in 2011, and will include 4 additional lines in 2012-2014. The positions are open to all areas related to chemical engineering, including nanotechnology and biomaterials, sustainable process systems and energy engineering. Candidates should have a Ph.D. degree in chemical engineering or a related field, and a strong commitment to undergraduate and graduate education. Candidates should have the potential to develop a nationally recognized, externally-funded research program. Applicants should send a complete curriculum vitae and description of future research plans, and four references. Our department offers an excellent research environment, with state-of-the-art laboratories in the new 82,000 sq. ft. Danto Engineering Development Center. Our external funding has grown to approximately \$3.5 million/year, and strong multi-disciplinary research and educational efforts in energy, nanotechnology/nanomedicine, and sustainable engineering represent recent departmental highlights. WSU has a strong focus on interdisciplinary research, with opportunities to collaborate with outstanding faculty in Engineering, Medicine, Science, and Pharmacy. **Applications should be submitted online at: jobs.wayne.edu/applicants/Central?quickFind=193724 (position number 038086).** For further information, contact Professor Charles W. Manke, Chair, Dept. Chemical Engineering and Materials Science, 5050 Anthony Wayne Drive, Room 1105, Detroit, MI 48202, or email cmanke@eng.wayne.edu. Review of applications will begin in November 2011. Women and minority candidates are encouraged to apply. Wayne State University is an equal opportunity/affirmative action employer.

ASSISTANT EDITOR Chemical Engineering Progress

CEP has an immediate opening for an assistant editor.

Duties Include:

- + Research and write articles on a wide range of chemical engineering topics
- + Edit outside-authored feature articles
- + Identify newsworthy developments in the field of chemical engineering
- + Establish and nurture a network of contacts to foster identification of article ideas
- + Represent CEP to other groups within and outside AIChE at conferences, trade shows, etc.
- + Copyedit and proofread other editors' articles
- + Work with art/design department to prepare graphics for articles and create layouts

Requirements:

- + Bachelor's degree in chemical engineering or related discipline
- + Experience in a technical capacity in the chemical process industries or related field, or in academia (including internships)
- + Demonstrated writing and editing skills
- + Excellent organizational and time-management skills; respect for deadlines is paramount
- + Proficiency with Microsoft Office and Adobe InDesign, Photoshop and Illustrator preferred, or experience with comparable page layout and design software

Interested candidates may send their cover letter and resumé to recruitment@aiche.org. Please note the title of the position in the subject line of the e-mail.

FACULTY POSITIONS MISSOURI UNIVERSITY OF SCIENCE & TECHNOLOGY CHEMICAL & BIOLOGICAL ENGINEERING

The Department of Chemical and Biological Engineering at Missouri University of Science and Technology (Missouri S&T, Formerly University of Missouri-Rolla) invites applicants and nominations for two positions at the assistant professor tenure-track level (Position #31318 & Position #53260). Applicants are expected to have a PhD degree in chemical engineering. The applicant should show outstanding research potential or record. All research areas will be considered. 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 numbers 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.

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 at the rank of Assistant, Associate, or Full Professor to begin September 2012. 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 (7 NSF CAREER awardees; 1 PECASE awardee), approximately 370 undergraduate students and 40 PhD students. With research expenditures over \$4M last 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, 2011. Drexel University is an Equal Opportunity/Affirmative Action Employer and encourages applications from qualified women and minorities.

FACULTY RECRUITMENT IN MATERIALS ENGINEERING THE UNIVERSITY OF TEXAS AT AUSTIN

The Cockrell School of Engineering at the University of Texas at Austin seeks outstanding applicants for a tenure-track faculty position at the Assistant Professor level in the materials engineering area. The candidate should have a Ph.D. degree in chemical, materials, or mechanical engineering, or a related field with an outstanding record of research accomplishments in the materials science and engineering area. Applications from women and minority candidates are especially encouraged. The successful candidate will be housed in the Department of Chemical Engineering or Mechanical Engineering, and will be expected to interact closely with the Texas Materials Institute and the Materials Science and Engineering Graduate Program. The candidate will also be expected to teach undergraduate and graduate courses, develop a strong sponsored research program, and be involved in service to the university and the profession. **Interested applicants should submit the following by email to Director, Texas Materials Institute, The University of Texas at Austin, Austin, TX 78712, at mse-faculty-search@utexas.edu as early as possible: (1) cover letter, (2) curriculum vitae, (3) statement of research and teaching interests, and (4) list of at least three references.** Evaluation of applications will begin November 15, 2011, but applications received by December 15, 2011 will receive full consideration. The successful candidate will be required to complete an Employment Eligibility Verification form and provide documents to verify eligibility to work in the U.S. The University of Texas is an Equal Opportunity/Affirmative Action Employer. A security sensitive background check will be conducted on the applicant selected.

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 Associate 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, a new engineering building, 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 undergraduate and graduate education. The department has 17 faculty members, over 400 undergraduate students, and 60 graduate students. **A detailed position description and online application procedures can be found at <https://jobs.ku.edu> (search position 00209293).** The position is available beginning August 18, 2012. Salary and benefits are competitive and commensurate with qualifications and experience. Nominations are welcomed and should be sent to Professor Michael Detamore at detamore@ku.edu. Review of applications will begin on January 15, 2012 and will continue until selections are made. EO/AA Employer.



FACULTY POSITIONS IN CHEMICAL AND BIOLOGICAL ENGINEERING, TUFTS UNIVERSITY

The Department of Chemical and Biological Engineering (ChBE) at Tufts University will be filling several tenure-track faculty positions over the next few years, consistent with our plans for faculty expansion. In academic year 2011-12, we are seeking faculty members at the Assistant/Associate Professor level in the broad fields of Biological Engineering (cell, metabolic, or molecular aspects) and Sustainable Energy (catalysis, advanced materials, process systems engineering). However outstanding candidates from any subfield of chemical engineering are encouraged to apply. Truly exceptional senior candidates may also be considered for appointment at the level of Full Professor. We seek individuals committed to fostering excellence in scholarship and teaching, and whose research contributes to the interdisciplinary thrust areas of the School of Engineering at Tufts. Tufts ChBE Department presently comprises eight tenured and tenure-track faculty, one research professor, two Professors of the Practice, and three adjunct professors. The department prides itself as an excellent place of learning, offering an integrated curriculum in chemical and biological engineering to a highly select group of students. The faculty has a strong presence in the academic community, with research expertise that spans the areas of catalysis, energy materials, biotechnology, cell and metabolic engineering, nanotechnology, and systems engineering.

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

Candidates should possess an earned doctorate in chemical engineering or a closely related discipline and show strong potential for leadership and the ability to develop and sustain an externally funded, internationally recognized research program. Screening of applications will begin immediately and continue until the position is filled. Please send a letter of interest, curriculum vitae, list of publications, a brief description of research and teaching plans, and full contact information of at least four references to: Professor Christos Georgakis, Search Committee Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155. Applications should be submitted electronically via e-mail to erin.quigley@tufts.edu. Tufts University is an Equal Opportunity/Affirmative Action employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

THE SCHOOL OF CHEMICAL ENGINEERING, PURDUE UNIVERSITY, seeks outstanding individuals at Assistant or Associate Professor rank with a Ph.D. degree and a strong background relevant to chemical engineering. A special emphasis for the search is catalysis. Candidates should have a distinguished academic record, exceptional potential to conduct world-class research, and a commitment to teach at both the undergraduate and graduate levels. For senior applicants, an excellent reputation in the field of specialty is required.

For consideration, please complete the online application form at <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications> and include curriculum vitae, statement of teaching and research interests, and the names and addresses of four references. Review of applications will begin October 15, 2011 and continue until the position is filled. A background check will be required for employment in this position. Purdue University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce.

FACULTY POSITION IN CHEMICAL & ENVIRONMENTAL ENGINEERING AT YALE UNIVERSITY

The Department of Chemical & Environmental Engineering at Yale University invites applications for a tenure-track faculty position at the Assistant or Associate Professor level. The search is focused on individuals demonstrating outstanding potential, and with research interests at the interface of chemical and environmental engineering, including (but not limited to) alternative/renewable energy and green/sustainable chemistry/materials/engineering/infrastructure. The successful candidate will be expected to develop a creative and dynamic externally-funded research program, teach undergraduate and graduate courses in chemical and/or environmental engineering, and advise graduate students. With its venerable institutional history, rich intellectual culture, and exciting programs at the forefront of the physical, biological, environmental, and engineering sciences, Yale offers the ideal setting for an academic career. **Applications with a cover letter, a detailed resume, a description of research and teaching interests, and names and addresses of four references should be**

uploaded online at <https://academicjobsonline.org/ajo/jobs/1037>. Review of applications begins October 15, 2011 and continues until the position is filled. Applications submitted prior to December 15, 2011 will receive full consideration. Yale University is an Affirmative Action/Equal Opportunity Employer, and strongly encourages applications from women and members of underrepresented minority groups. Yale University's Dept. of Chemical and Environmental Engineering, where chemical engineering guided by sustainability, and environmental engineering with a molecular focus, come together at a world leading academic center. Please visit <http://www.seas.yale.edu> to learn more.

CLEMSON UNIVERSITY CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position(s): The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for one or more openings at the level of Assistant Professor or higher, commensurate with the candidate's experience and level of achievement. For senior appointment(s), candidates will have developed an active, internationally recognized research program. Individuals with outstanding potential and scholarly interests in modern Chemical and Biomolecular Engineering are sought. All research areas will be considered. Candidates must have earned a Ph.D. in Chemical Engineering or a closely related field. **Applicants should send a single pdf file containing a cover letter, resume, research plan, statement of teaching interests/philosophy, and names and addresses of three references to ChBESearch@clemson.edu. Review of applications will begin on October 31, 2011. Applications received by December 30, 2011, will receive full consideration, with the review process continuing until the position is filled.** Clemson University, the land-grant university of South Carolina, is located on the shores of Lake Hartwell in the foothills of the Blue Ridge Mountains. Information about the department is available at www.clemson.edu/ces/chbe. Clemson University is an Affirmative Action/Equal Employment Opportunity Employer and does not discriminate against any individual on the basis of age, color, disability, gender, national origin, religion, sexual orientation, veteran status, or genetic information.

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

Assistant/Associate/Full Professor: The Auburn University Department of Chemical Engineering invites applications for a tenure-track faculty position. This tenure-track appointment is to become effective in August 2012. The department seeks outstanding candidates who have a Ph.D. in chemical engineering, bioengineering, or a closely related discipline. The preferred areas of research include biological engineering, biomedical engineering, biotechnology, pharmaceutical engineering, biomaterials, and nanobiotechnology. The successful candidate will demonstrate excellence in research and teaching in the area of bioengineering. Preferred qualifications include a strong record of scholarly publication, an ability to attract externally sponsored research funding, and an ability to effectively teach undergraduate and graduate courses. Rank and salary are commensurate with experience and qualifications. A detailed description of the position and the qualifications is found at the Chemical Engineering Department website <http://eng.auburn.edu/programs/chen/>. Review of applications will begin November 1, 2011. **Candidates should send their curriculum vitae, description of future research plans, previous research accomplishments, teaching interests, and the names of three references by email to: Search Committee Chair, position #131410, (cheseach@eng.auburn.edu), Department of Chemical Engineering, Auburn University, Auburn, AL 36849-5127.** Auburn University is an Affirmative/Equal Opportunity employer and encourages minorities and women to apply for this position.

ELECTROCHEMICAL ENERGY SCIENCE AND ENGINEERING THE FULTON SCHOOLS OF ENGINEERING AT ARIZONA STATE UNIVERSITY (ASU)

seeks applicants for a tenure-track or tenured faculty position in the area of Electrochemical Energy Science and Engineering in the School for Engineering of Matter, Transport and Energy. Areas of expertise that are of specific interest include but are not limited to, analytical electrochemistry focused on energy, membrane science for electrochemical storage and conversion, and polymer science focused on electrochemical energy for applications such as fuel cells, batteries, solar energy conversion, and other electrochemical energy storage and conversion applications. The successful candidate will hold an earned Ph.D., or equivalent in Materials Science and Engineering, Chemical Engineering, Mechanical Engineering, Chemistry, or

Michigan Tech

Faculty Position-Chemical Engineering

The Department of Chemical Engineering at Michigan Technological University (MTU) invites applications for a tenure-track faculty position at the Assistant or Associate Professor level for Fall 2012. All research areas of chemical engineering will be considered. Applicants must have a PhD in Chemical Engineering or a closely related discipline. **A single PDF file containing a letter of application, a curriculum vitae, statements of research plans and teaching interests, and the names and contact information of four professional references should be submitted electronically to Prof. Ching-An Peng, Faculty Search Committee Chair at cmsearch@mtu.edu.** Review of applications will begin on November 15, 2011, and continue until the position is filled.

MTU is also conducting a university-wide Strategic Faculty Hiring Initiative (SFHI). Details on the hiring initiative are available at <http://www.mtu.edu/sfhi>. Qualified candidates are encouraged to send a separate application.

MTU, one of the four major research universities in the state, is located in Michigan's Upper Peninsula. The community offers a small-town environment with outstanding four-season recreational opportunities. MTU is an ADVANCE institute, one of a limited number of universities in receipt of NSF funds in support of our commitment to increase diversity and the participation and advancement of women in STEM. MTU is an Affirmative Action/Equal Opportunity Employer education institution.

Physics. Appointments will be at the assistant, associate, or full professor rank commensurate with the candidate's experience and accomplishments, beginning August 2012. Faculty members are expected to teach undergraduate and graduate courses, and initiate and sustain a vigorous graduate research program. To apply, applicants must provide a curriculum vita that includes their teaching experience and interests, a list of publications, and a synopsis of a proposed program of research. Candidates for tenure-track positions must include the names and contact information of 3 references. Candidates for tenured positions must have achieved national and international recognition for their scholarship and must include the names and contact information of 5 references. Required qualifications also include demonstrated evidence of research capability and commitment to teaching excellence as appropriate to the candidate's rank. Review of applications will begin November 1, 2011; if not filled, reviews will occur bi-weekly until the search is closed.

To apply, please submit a current CV, a statement describing your research and teaching interests and a list of contact information for references to electrochemical.faculty@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.

LOUISIANA TECH UNIVERSITY CHEMICAL ENGINEERING FACULTY POSITION

The Louisiana Tech University College of Engineering and Science invites applications for tenure-track positions in the Chemical Engineering Program. Academic requirements include a Ph.D. and undergraduate in Chemical Engineering. Excellence in teaching is required, and candidates must have the ability to develop and sustain an externally funded research program. Special emphasis will be given to candidates whose research leverages Tech's excellent computational resources and experimental resources in Nano/Micro/Biotechnology; especially in applications related to ENERGY, DEFENSE, or HEALTHCARE. Louisiana Tech's Institute for Micromanufacturing is a 41,000 sq. ft. world class facility with 5,000 sq. ft. of clean rooms along with characterization tools such as TEM, SEM, AFM, XPS, confocal microscopy, etc. Louisiana Tech houses one of the five nodes that comprise the Louisiana Optical Network Initiative. As part of this initiative, Louisiana Tech maintains a 112 processor IBM P5-575 supercomputer along with Dell Linux cluster capable of 4.77 teraflops that contribute to a total of 85 teraflops available on LONI to researchers at Louisiana Tech. In addition, several opportunities in NSF funding through engineering education projects exist through partnership with Tech's Integrated STEM Research Center. The Chemical Engineering program at Louisiana Tech University is an ABET accredited program which boasts an undergraduate enrollment of approximately 195 students out of 1830 undergraduate students total in engineering. The strong presence of chemical, petro-chemical, and pulp-paper companies in the Gulf Coast region ensures the importance of Louisiana Tech's Chemical Engineering to the state and region, with an excellent job placement and student internship opportunities. The College has over 150 students in one of three Ph.D. programs (Engineering, Biomedical Engineering and Computational Analysis and Modeling – Chemical Engineering faculty have advised all three) and over 200 MS students. The College faculty have an average of almost \$250k in research expenditures per FTE. Louisiana Tech is located in Ruston, Louisiana, which is a town of approximately 25,000 located in the Northern part of the state. **Applicants are encouraged to send a cover letter, a curriculum vita, a teaching philosophy statement, a research program summary, and contact information for three current references to: Dr. James Palmer, Director of Chemical Engineering, Box 10348, Ruston, LA 71272-0046 or email electronic version of requested information to facultysearch@latech.edu (please put Chemical Engineering in the subject).** Review of applications will begin December 1, 2011, and will continue until the position is filled. The starting date is September 1, 2012 (possibly sooner). Louisiana Tech University is a recipient of a National Science Foundation ADVANCE Award to increase the participation of women in academic science and engineering careers. Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

THE NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY (NEW MEXICO TECH) seeks a tenure track Assistant Professor of Chemical Engineering, beginning August 2012. A PhD in chemical engineering or closely related field is required and a BS in chemical engineering is required. **Applicants should submit a CV, research plan, statement of teaching philosophy and interests, and list of three references to Human Resources, 801 Leroy Pl., New Mexico Tech, Box 099, Socorro, NM, 87801.** Review of applications will begin November 1, 2011 and continue until the position is filled. The Chemical Engineering program at New Mexico Tech is accredited by the engineering accreditation commission of ABET. New Mexico Tech is a science and engineering university composed of almost 2000 undergraduate and graduate students located in Socorro, New Mexico.



NAZARBAYEV UNIVERSITY

Nazarbayev University School of Engineering
Astana, Kazakhstan

Academic Vacancies

**Vice-Dean (Research), Director of Studies,
Head of Discipline/Division, Associate Professor
and Assistant Professor appointments in Chemical
Engineering, Civil Engineering, Mechanical
Engineering and Electrical Engineering**

This is an exciting opportunity to contribute to the establishment of a new School of Engineering and to mould the development of your discipline in a fast-growing and ambitious environment.

Nazarbayev University was opened in July 2010 in Astana with the aim of being the leading university in Kazakhstan, the wider Central Asian region and beyond. The University has a unique vision to work in partnership with a number of the world's most outstanding universities to introduce a new approach to university education and research in Kazakhstan. All teaching and business at Nazarbayev University is carried out in English.

The Nazarbayev University School of Engineering, in partnership with University College London, opened its doors on the 31st August 2011 with its first entry cohort of 140 students who had successfully completed the university's one year Foundation Programme. The School is currently offering Bachelor degree programmes in Chemical Engineering, Civil Engineering and Mechanical Engineering and plans to introduce electrical engineering in 2012. Master of Science programmes will be introduced from 2014. The School will also have its own research programme, in partnership, where appropriate, with the university's research centres in energy and life sciences.

The School is seeking to appoint further faculty at a number of levels to continue its growth and development. This represents the third round of recruitment for the School. Successful candidates will possess a doctorate, or an equivalent higher academic degree (such as the Kandidat Nauk/Candidate of Science), in a relevant discipline area. They will also be active researchers with, or with the potential to achieve, an internationally recognised track record of research.

These are full-time positions, although the duration of contracts is subject to negotiation.

An attractive salary and reward package, including rent-free accommodation and other benefits, is offered.

Applicants should send a CV, the names and contact details of three referees, transcript, and supporting materials to Professor Stefaan Simons, Dean, Nazarbayev University School of Engineering (hiring-engineering@nu.edu.kz). For additional information about the School and the faculty positions, please visit our website (http://eng.nu.edu.kz/work/school_of_engineering/Vacancies). Review of applications will begin immediately.

Closing date: End of November 2011.

THE NEWLY FORMED SCHOOL FOR GREEN CHEMISTRY AND ENGINEERING AT THE UNIVERSITY OF TOLEDO invites applications for a faculty position at any level with an appointment in the Chemical Engineering Department starting August 2012. A Ph.D. in chemical engineering or related field is required. The successful candidate is expected to participate in the interdisciplinary undergraduate/graduate teaching, research, and outreach activities of the school and department. Preference will be given to applicants working on conversion of biomass to platform chemicals, pharmaceuticals, and polymers. **Submit applications at <http://www.che.utoledo.edu/applicants/>.** The University of Toledo is an Affirmative Action/ Equal Opportunity Employer M/F/D/V.

UNIVERSITY OF SOUTH FLORIDA FACULTY POSITION, DEPARTMENT OF CHEMICAL & BIOMEDICAL ENGINEERING
The Department of Chemical & Biomedical Engineering invites applications and nominations for an Assistant or Associate Professor tenure-track faculty position in the area of chemical engineering starting August 2012. The new faculty member must have an earned Ph.D. in Chemical Engineering or a closely related field. Candidates with interests in areas such as advanced energy storage and conversion technologies, solar-driven energy technologies, advanced production of synthetic and bio-fuels, carbon storage, and systems design/analysis/integration/implementation are encouraged to apply. Applications from women and minorities are strongly encouraged.

TEXAS A&M ENGINEERING

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (<http://che.tamu.edu/>) invites applications for one non-tenured faculty position at the Assistant Lecturer ranking. This non-tenured faculty position requires teaching and overseeing our chemical engineering unit operations laboratory related to Chemical Engineering, and is subject to budgetary availability, student enrollment and programmatic needs; industrial experience is highly desirable. To apply, please send a curriculum vita, the names of three references and a letter of interest describing areas of expertise, highest academic degree, teaching experience, and any other relevant information to Dr. CHARLES J. GLOVER, ARTIE McFERRIN DEPARTMENT OF CHEMICAL ENGINEERING, 3122 TAMU, TEXAS A&M UNIVERSITY, COLLEGE STATION, TX 77843-3122. Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Candidates from under-represented groups are strongly encouraged to apply.

USF is ranked 44th in total research expenditures and 34th in federal research expenditures for public universities by the National Science Foundation. Further information on the department can be found at <http://chbme.eng.usf.edu>. **Applicants must submit their application, with its supporting documentation directly to <https://employment.usf.edu>. Applications cannot be accepted by any other mechanism. Please include 3-5 references, a statement of research and teaching interests, and reprints of at least three publications.** Full considerations will be given to applications received by January 2, 2012. USF is an equal opportunity/ equal access/affirmative action institution.

BIOMOLECULAR ENGINEERING MILWAUKEE SCHOOL OF ENGINEERING

Milwaukee School of Engineering launched a new undergraduate degree program in BioMolecular Engineering in the fall of 2009. Committed to building a strong team, we have added several new faculty members to the program, and are currently inviting applications for two more positions starting as early as September 2012. These two individuals are expected to primarily contribute to the development of the program. The candidates should also have a commitment and ability to teach at the undergraduate level in one or more of the following disciplines: biology, chemistry or physics. A Ph.D. in an biomolecular engineering or related field is required, as well as an aptitude for developing biomolecular engineering capstone projects and teaching undergraduate level courses

in the areas of biopolymers, synthetic biology and/ or nanotechnology. Computational and experimental lab and design skills at the molecular and/ or nano-scales are also required. Industrial or postdoctoral experience in one of the above areas is desirable. Initial appointments are expected to be at the Assistant Professor level but applications from senior candidates may be considered for higher rank. MSOE is a private, application-orientated university with programs in engineering, engineering technology, technical communication, business, construction management and nursing. Primarily a 4-year undergraduate institution, we emphasize excellence in teaching. Applied research involving undergraduate students and consulting are encouraged. **Complete applications, including a letter of interest, CV, a brief statement of teaching philosophy, a brief statement of research interest and three letters of recommendation, should be submitted to: Milwaukee School of Engineering, Human Resources, 1025 N Broadway, Milwaukee, WI 53202, work@msoe.edu.** The selection process will continue until the positions are filled. MSOE is an Equal Opportunity /Affirmative Action Employer.

UCLA CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT

A number of positions, temporary and permanent, are available for lecturers, visiting faculty, researchers, postdoctoral scholars, and engineers in chemical and biomolecular engineering for our teaching and research programs. Ph.D. or equivalent experience required. **Resumes and inquiries should be sent to: A. De Vera, Teaching & Research Positions, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** The University of California is an affirmative action/equal opportunity employer.

TENURED OR TENURE-TRACK FACULTY POSITION, CHEMICAL ENGINEERING AND MATERIALS SCIENCE UNIVERSITY OF MINNESOTA

The Department of Chemical Engineering and Materials Science at the University of Minnesota seeks to fill a faculty position in Chemical Engineering and Materials Science. The position is open at the Assistant (tenure-track), Associate, or Full Professor levels. The department will consider outstanding candidates in any area. Assistant Professor candidates should have a distinguished academic record (including a Ph.D. degree), outstanding potential to establish an independent research program, and a commitment to teaching in a highly interdisciplinary department. Associate and Full professor candidates should have several years of teaching and/or research experience. **Applications should be submitted on-line, and consist 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). Submit applications at <https://employment.umn.edu>. Search for requisition number 174433.** Information on the department is available at www.cems.umn.edu. Review of the applications will begin immediately and continue until the position is filled. It is hoped that the successful candidate will be in place by Fall 2012. The University of Minnesota is an equal opportunity educator and employer.



UNIVERSITY OF MARYLAND

Applications and nominations are invited from outstanding individuals for tenure-track position(s) in the Department of Chemical and Biomolecular Engineering. Successful applicants will have a Ph.D. in Chemical Engineering or a related discipline; additional postdoctoral experience is desirable. We seek the best possible candidates, irrespective of research field or academic rank. Each appointee will be expected to establish an imaginative, vibrant, and well-funded research program that will serve to educate graduate and undergraduate students and advance the field. Each appointee will also contribute to the teaching of undergraduates and graduate courses within the department.

A cover letter, curriculum vitae, statement of research and teaching interests, and names of at least three professional references should be submitted electronically to: jobs.umd.edu; position number 117726. For best consideration, submit application materials by Dec. 5, 2011. However, the position will remain open until it is filled. Questions about the position can be directed to the Chair of the Search Committee, Professor Srinivasa R. Raghavan, at sraghava@umd.edu or (301)-405-8164.

The University of Maryland, College Park, actively subscribes to a policy of equal employment opportunity, and will not discriminate against any employee or applicant because of race, age, sex, color, sexual orientation, physical or mental disability, religion, ancestry or national origin, marital status, genetic information, or political affiliation. Minorities and women are encouraged to apply.

www.chbe.umd.edu