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POSITIONS OPEN

GREEN SOURCE ENERGY LLC SEEKS POLYMER ENGINEER

to work in Austin, TX. Responsible for supporting the R&D and technical development of proprietary rubber devulcanization technology, including lab and pilot scale experiments as well as commercial scale implementation. Bachelor's or Master's degree in Polymer Engineering plus one to five years of experience required. **Email resume to careers@gsenergy.com.**

HSE GROUP LEADER I/II – OMAHA, NE – #2073

Syngenta is seeking a Health, Safety, and Environmental Group Leader for the Agro-Chemical manufacturing site in Omaha, NE to ensure compliance with HSE regulations while maintaining flexibility for the operation and maintenance of the facility as part of the Syngenta Global Supply Chain. Qualified candidates will have a BS in Science or Engineering and 10 years of experience in the HSE field, including 10 years of work experience in a manufacturing plant environment. Professional certification or an advanced degree would be highly desirable. **Qualified candidates should apply today! http://bit.ly/fY2xQj.** EOE

ACADEMIC OPENINGS

TWO TENURE TRACK FACULTY POSITIONS LIGNOCELLULOSE BIOREFINING AND GREEN ENGINEERING

The Department of Chemical and Biological Engineering of the University of British Columbia invites applications for two tenure-track Assistant Professor appointments. These positions will expand upon current UBC expertise in lignocellulose biorefining engineering related to the forest industry and green engineering of processes and products. This position is available as of July 1, 2012. Review of the applications will begin on December 1, 2011. **Further details of this posting can be found at www.chbe.ubc.ca/about/careers/index.php.**

AIChE®

Director, Meeting Content Development

AIChE is seeking a Director, Meeting Content Development, who will be responsible for overall planning and development of content for AIChE's Annual, Spring, and regional meetings, as well as pre-meeting short courses and certain workshops and specialty conferences. This position provides leadership in creating and delivering technically vibrant and financially profitable meeting programs, and in maintaining AIChE's position as the world's premier disseminator of technical information for the chemical engineering community.

The Director maintains frequent contact with hundreds of volunteers, working with and through the Program Committee and its Executive Board, as well as other committees and industry/technology groups. The Director also has a key role in identifying and implementing meeting partnerships with other organizations.

The successful candidate should have a minimum ten years of technical and management experience in the chemical process industries or related fields, experience organizing substantial technical events in either a non-profit or for-profit environment, and a bachelor's degree, or higher, in chemical or biological engineering or a related discipline. Experience working with volunteers from both industry and academia is preferred.

Interested candidates may email their resume and cover letter to **recruitment@aiche.org**. Please note the title of the position in the subject line of the email.

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.

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 UNIVERSITY OF SOUTH CAROLINA invites applications for a tenure-track Assistant Professor position in Polymer Nanotechnology in the Department of Chemical Engineering. Preference will be given to those candidates that have a strong background in the areas of Polymer Nanotechnology and Nanocomposites; however, outstanding candidates from all areas of polymer science and engineering are encouraged to apply. Exceptional candidates may be considered at a higher rank. Applicants should possess a Ph.D. degree in chemical engineering, polymer or materials science and engineering, or a related field, and are expected to teach core courses in the chemical engineering department as well as courses in polymer chemistry and engineering curriculum. The successful candidate is expected to develop an internationally recognized, externally funded research program as part of the USC research in the new Horizon I research building. **Interested applicants should send one (1) complete PDF file that includes a letter of application, curriculum vitae, a concise description of research and teaching plans, and have three letters of reference sent to: Search Committee Chair, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208 via ChemEngSearch@cec.sc.edu. For full consideration, applications must be received by December 2, 2011.** The University of South Carolina is an Affirmative Action/Equal Opportunity Employer. Minorities and women are especially encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

THE UNIVERSITY OF SOUTH CAROLINA invites applications for a tenure-track Assistant Professor position in Renewable Fuels in the Department of Chemical Engineering. Applicants should possess a Ph.D. degree in, Chemical Engineering, or a related field. Exceptional candidates may be considered at a higher rank. The successful candidate is expected to develop an internationally recognized, externally funded research program as part of the USC research in the new Horizon I research building. **Interested applicants should send one (1) complete PDF file that includes a letter of application, curriculum vitae, a concise description of research and teaching plans, and have three letters of reference sent to: Search Committee Chair, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208 via ChemEngSearch@cec.sc.edu. For full consideration, applications must be received by December 2, 2011.** The University of South Carolina is an Affirmative Action/Equal Opportunity Employer. Minorities and women are especially encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

THE CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA - CHEMICAL AND MATERIALS ENGINEERING DEPARTMENT invites applications and nominations for a tenure-track faculty position in Chemical Engineering. **For information, contact: Faculty Search Committee, Chemical and Materials Engineering Department, California State Polytechnic University, Pomona, 3801 West Temple Avenue, Pomona, CA 91768; by telephone at (909) 869-2626; by e-mail at slmason@csupomona.edu; or on the web at www.csupomona.edu/~cme.** A review of completed applications will begin on December 12, 2011 and will continue until the position is filled. The University is an EO/AA employer and only accepts degrees from accredited educational institutions.

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.

STANFORD UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at Stanford University is seeking applicants for a tenure-track faculty position at the junior level (Assistant or untenured Associate Professor). Applicants are expected to have earned a Ph.D. degree in chemical engineering or related disciplines. We will consider applicants knowledgeable in the general area of chemical engineering science. There are several broad areas of interest, including hydrocarbon chemistry, surface reactivity and catalysis, fuel cells, environmental or atmospheric studies, molecular transport processes and mechanics, soft materials physics and chemistry, computation and simulation, biochemical and biomolecular engineering, and nanomaterials processing. In general, we give higher priority to the overall originality and promise of the candidate's work rather than to the sub-area of specialization. Researchers with interests in the applied life sciences, energy sciences, and environmental sciences are particularly encouraged to apply. Applicants whose research programs in Chemical Engineering will involve the development of sophisticated computational and/or mathematical methods may be considered for a joint appointment in the Institute for Computational and Mathematical Engineering (http://icme.stanford.edu/). The successful candidate will be expected to teach at the graduate and undergraduate level, to develop advanced graduate courses in a research specialty, as well as to develop a world-class research program with an emphasis on the fundamental physical, chemical, or biological aspects of chemical engineering science. Applicants should be seeking a stimulating interdisciplinary environment in which to pursue teaching and research. We anticipate that the faculty members will contribute to and develop leadership roles and interactions among faculty not only in Chemical Engineering, but also Electrical, Mechanical, Civil and Environmental, and Material Science and Engineering in the School of Engineering; in Physics, Chemistry, and Biology in the School of Humanities and Sciences; in the departments and programs in the School of Medicine, as well as Bioengineering located in the Schools of Engineering and Medicine, and at the Stanford Synchrotron Radiation Lightsource. **Applicants must submit online their curriculum vitae (including research accomplishments, teaching experience, and publications) a transcript of doctoral graduate study, a detailed research and teaching plan, and three references (name and email address). Applications are due by November 15, 2011, but we will continue to accept applications until the position is filled. Please apply online at http://cheme.stanford.edu/.** Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

FACULTY OPENING, STANFORD UNIVERSITY BIOMECHANICAL ENGINEERING

The Department of Mechanical Engineering at Stanford University (http://me.stanford.edu/) invites applications for a tenure-track faculty appointment at the junior level (Assistant or untenured Associate Professor) in the broad area of Biomechanical Engineering. Areas of interest include, but are not limited to, mechanobiology, cell mechanics, transport phenomena in biological systems, bio-inspired design, design and analysis of biodevices or bioinstrumentation, biomaterials, and modeling of physiological systems. In general, we give higher priority to the overall originality and promise of the candidate's work than to the area of specialization. An earned doctorate, evidence of the ability to pursue a program of research, and a strong commitment to graduate and undergraduate teaching are required. Successful candidates will be expected to teach courses at the graduate and undergraduate levels and to build and lead a team of graduate students in Ph.D. research. **Applications should include a curriculum vitae with a**

list of publications, a one-page statement each of research vision and teaching interests, and the names and addresses of five references. Please submit your application online at: http://me.stanford.edu/research/open_positions.html. The review of applications will begin on October 1, 2011. However, applications will be accepted until the position is filled. Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

FACULTY OPENING, STANFORD UNIVERSITY THEORETICAL AND COMPUTATIONAL FLUID DYNAMICS

The Department of Mechanical Engineering at Stanford University (http://me.stanford.edu/) invites applications for a tenure-track faculty appointment at the junior level (Assistant or untenured Associate Professor) in Theoretical and Computational Fluid Dynamics. The winning candidate will work in an area of multiphysics transport and be able to use the most advanced computational methods and facilities. Example research topics include, but are not limited to, turbulent combustion and reacting flows, nonequilibrium and high-temperature transport, propulsion, multiphase phenomena, coupled fluid flow and heat transfer including radiation, boiling, and particle effects, energy conversion ranging from combustion to solar and nuclear systems, and multiphysics fluid transport in natural systems including the atmosphere. An earned Ph.D., evidence of the ability to pursue a program of research, and a strong commitment to graduate and undergraduate teaching are required. Successful candidates will be expected to teach courses at the graduate and undergraduate levels and to build and lead a team of graduate students in Ph.D. research. **Applications should include a curriculum vitae with a list of publications, a one-page statement each of research vision and teaching interests, and the names and addresses of five references. Please submit your application online at: http://me.stanford.edu/research/open_positions.html. The review of applications will begin on October 1, 2011. However, applications will be accepted until the position is filled.** Stanford University is an equal opportunity employer and is committed to increasing the diversity of its faculty. It welcomes nominations of and applications from women and members of minority groups, as well as others who would bring additional dimensions to the university's research and teaching missions.

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.

THE NEW MEXICO STATE UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING

seeks applications for a tenure-track Assistant Professor position - requires an earned Ph.D. in Chemical Engineering, Materials Science, Materials Engineering, or a closely related field. T**o view complete job posting and instructions on how to apply go to http://hr.nmsu.edu/employment/employment.html (Req # 2011004407).** Review of applications will begin January 16, 2012. Application materials received after this date may be considered.

Faculty Openings in Chemical Engineering at Virginia Tech

The Department of Chemical Engineering at Virginia Tech is seeking to fill the following three open faculty positions:

The Robert E. Hord Endowed Chair in Chemical Engineering (posting #0110892)
This position will be focused in the general area of Macromolecular Science and Engineering. Candidates will be expected to have established an international record of research and education that would support appointment as an endowed chair at the professor level. Although all areas of macromolecular science will be considered, candidates with interests in advanced polymeric materials for application in molecular-scale separations, biopolymers, or drug delivery are especially encouraged to apply. Review of applications will begin Oct. 15, 2011 and will continue until the position is filled. Additional information about this position can be obtained by contacting Professor John Walz (jywalz@vt.edu).

Assistant/Associate/Professor Positions in Chemical Engineering (posting #0110946)
In addition to the Hord Chair, two other positions are available – one which is restricted to the Assistant Professor rank and one which can be at any rank, with the rank being commensurate with experience and qualifications. Exceptional senior-level candidates will also be considered for the open Fred Bull Professorship Applicants should have a Ph.D. in Chemical Engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. Outstanding candidates in any chemical engineering discipline are sought, but one position is targeted for a computational engineering faculty member. Candidates with interests in energy-related research would especially complement departmental priorities. Review of applications will begin Dec. 1, 2011 and will continue until the positions are filled. Additional information about these positions can be obtained by contacting Professor Dave Cox (dfcox@vt.edu).

Applications for these positions must be submitted online using http://www.jobs.vt.edu and locating the correct posting (given above). Applicants for the Hord chair need only submit a *curriculum vitae*, while applicants for the other two positions should submit a *curriculum vitae*, a statement of teaching and research interests, and the name and contact information of three professional references.

This is an extremely exciting time for the Department. Thanks to a recent gift of $8.6 million from the estate of Robert Hord, the department has significant funds to invest in faculty chairs and graduate student fellowships. In addition, construction has also started on the Signature Engineering Building, which will be the future home of the Department, and which should be completed by the end of 2013. More information about the Department can be found at http://www.che.vt.edu.

Virginia Tech is an EO/AA employer. Applications from underrepresented groups are especially encouraged.

CHEMICAL ENGINEERING FACULTY SEARCH THE FULTON SCHOOLS OF ENGINEERING AT ARIZONA STATE UNIVERSITY invites applications for a tenured faculty position in the Chemical Engineering program. At the time of hire the successful candidate should have the experience and record of accomplishment commensurate with appointment at the rank of full professor; junior faculty applications will not be considered. 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, biological and biomolecular engineering, transport phenomena, sustainability and advanced materials. The originality and promise of each candidate's work are higher priorities than the specific area of research. Applicants should have a Ph.D. degree in chemical engineering or related fields and demonstrated excellence in research and strong commitment to teaching. Faculty members are expected to develop and maintain an internationally recognized and externally funded research program, teach graduate and undergraduate courses, advise students and undertake service activities within the university and in the professional community. ASU is a Research I University with outstanding research facilities and infrastructure support. Located within the metropolitan Phoenix area, the Fulton Schools of Engineering are one of the largest engineering schools in the country with more than 7,000 students studying in 14 engineering programs including chemical engineering. The successful candidate will be able to leverage University investments that promote interdisciplinary teaching and research including the Biodesign Institute, the Global Institute of Sustainability, the Leroy Eyring Center for Solid State Science, and the Flexible Display Center, as well as University partners in the Valley of the Sun including the Mayo Clinic in Scottsdale, the Translational Genomics Research Institute and the Barrow Neurological Institute in Phoenix, and the APS STAR Solar Testing Center in Tempe. The Chemical Engineering program at ASU continues to grow, currently enrolling approximately 400 undergraduate students and 50 graduate students, and consisting of 11 full time tenured or tenure-track faculty members and has annual research expenditures of about $3M. **Interested candidates should email a letter indicating research and teaching interests and a current curriculum vitae including names, telephone, mail and email addresses of three references to ChESearch@asu.edu.** The next review cycle for applications begins September 15 and will continue weekly until the search is closed. For further information, contact the search committee chair, Prof. Jerry Y.S. Lin, at (480) 965-7769 or email: Jerry.Lin@asu.edu. Arizona State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply. Survey: ASU offers applicants an opportunity to voluntarily self-disclose information for the University's affirmative action plan; applicants may complete an EEO survey for the position they are applying for online. Information you'll need to complete the survey: Job order number: 9749; Job Title: Chemical Engineering; Department Name: Engineering

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.

Tenure-track Faculty Positions at National University of Singapore

Department of Chemical and Biomolecular Engineering

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required.

Please refer to: http://www.chbe.nus.edu.sg/career/career-faculty.html for more information on the areas of interest and application details. Applicants should send a full curriculum vitae (including key publications),a detailed research plan, a statement of teaching interest,and names of at least three references to: Prof. Jim Yang LEE, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg). Shortlisted candidates are invited to meet the Faculty Search Committee at the 2011 AIChE Annual Meeting in Minneapolis.

NUS National University of Singapore

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.

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.

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.

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 from a United States University. 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.

ASSISTANT/ASSOCIATE PROFESSOR
WEST VIRGINIA UNIVERSITY
PROCESS SIMULATION, ANALYSIS, AND MODELING OF ENERGY SYSTEMS

The Department of Chemical Engineering, College of Engineering and Mineral Resources, at West Virginia University is soliciting applications for a tenure-track position at the rank of Assistant or Associate Professor. Research expertise is required in one or more of the following areas: Simulation and Control of Energy Processes, Energy Systems Analysis, and Modeling of Energy Processes. A BS and PhD in chemical engineering are required. The successful candidate is expected to develop an externally-funded research program, to support and mentor graduate students, to publish peer-reviewed papers, to make presentations at national meetings and to perform service activities commensurate with the position. The candidate will also be required to teach courses at both the undergraduate and graduate levels in chemical engineering. The candidate is expected to play a key role in developing courses in energy systems analysis and modeling and related areas. In addition, it is expected that the successful candidate will interact with other researchers in the Department of Chemical Engineering, the College of Engineering and Mineral Resources, and other WVU faculty with interests in related areas. West Virginia University is a comprehensive land-grant institution with an enrollment of over 29,000 students, and a Carnegie Class High research standing. The College of Engineering and Mineral Resources has seven departments, over 3,100 students, 120 faculty, and approximately $28M in research expenditures annually. The Department of Chemical Engineering has 13 tenure-track faculty members and over $3M in annual research expenditures, and offers BS, MS and PhD degrees in chemical engineering along with a certificate in Biomedical Engineering at the undergraduate level. For more information on WVU and Morgantown, see: http://www.wvu.edu and http://www.morgantown.com. Review of the applications will commence on September 15, 2011 and will continue until the position is filled. A**pplicants should send a cover letter describing their qualifications to Professor Richard Turton, Chair – Search Committee, Department of Chemical Engineering, West Virginia University, P.O. Box 6102, Morgantown, WV 26506-6102. Applicants should enclose a CV, a teaching plan, a research plan, and names and contact information for five references. Electronic submissions are preferred and should be sent to che-search@mail.wvu.edu.** The anticipated start date of the position is Spring or Fall 2012. West Virginia University is the recipient of an NSF Advanced Award for gender equity. West Virginia University is an Equal Opportunity/Affirmative Action Employer which encourages applications from women, minorities and individuals with disabilities, in commitment to building a diverse body of faculty and staff. The Department hopes to attract applicants who can teach in a diverse University community and have demonstrated ability in helping students from diverse backgrounds succeed. In addition, the University is responsive to the needs of dual career couples.

THE UNIVERSITY OF TENNESSEE-KNOXVILLE
DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Applications and nominations are invited for a tenure-track position at the assistant professor level in chemical and biomolecular engineering. We seek candidates with expertise in a wide range of specialties that will contribute to our departmental emphases in biomolecular engineering, advanced materials, or sustainable energy. Candidates must possess records demonstrating dedication to excellence in research and education, must have or expect to earn shortly a Ph.D. degree in chemical engineering or a related discipline, and must show potential to develop an outstanding, independent research program. Abundant opportunities for extra-departmental collaboration and access to resources on and off campus exist, including at nearby Oak Ridge National Laboratory. **Interested individuals should electronically submit a letter of application, a statement of research and teaching plans, current resume, copies of up to three pertinent publications, and names and contact information of at least three references to cbesearch@utk.edu.** Additional information is available at http://www.engr.utk.edu/cbe/index.php. Review of applications will begin on October 7, 2011 and continue until the position is filled. The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status.

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

The University of California (UC), Berkeley and the Lawrence Berkeley National Laboratory (LBNL) seek applicants for an assistant or associate professor position in the area of electrochemical science and engineering beginning in the Fall 2012. This position is jointly funded through the UC Berkeley campus and the Batteries for Advanced Transportation Technology program at LBNL (for more information see http://batt.lbl.gov/). We are seeking creative candidates who show extraordinary promise and/or accomplishment in research and teaching. Research plans can be broad but a focus on the application of electrochemical principles toward the development of advanced batteries is essential. Applicants must have a PhD. The level of the appointment (assistant professor or associate professor) will depend on experience of the candidate. **Applicants should send a curriculum vitae and a proposed research program, and arrange to have three letters of recommendation sent to: Chair, Electrochemical Science and Engineering Search Committee, Department of Chemical and Biomolecular Engineering, University of California, Berkeley, 201 Gilman Hall, JOB # 1215D, Berkeley, CA 94720-1462 or email to cbe_recruit@berkeley.edu. Please refer references to the UC statement on confidentiality: http://apo.chance.berkeley.edu/evalltr.html. Application material must be received by December 23, 2011.** Interviewing will begin in the Spring of 2012, and early application is encouraged. The University of California is an Equal Opportunity/Affirmative Action Employer. UC Berkeley is committed to diversity in all aspects of our mission and to addressing the family needs of faculty, including dual career couples and single parents.

DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE
UNIVERSITY OF CALIFORNIA, DAVIS

Applications are invited for a faculty position at the Assistant Professor level in chemical engineering. Special preference will be given to candidates in the area of catalysis/biocatalysis with an experimental emphasis focusing on problems related to energy, nanomaterials and complex systems. The candidate should have a strong research record with potential to become a leader in the field. Commitment to undergraduate and graduate education is essential. A Ph.D. in chemical engineering, chemistry or related discipline is required. **Consult http://chms.engineering.ucdavis.edu for our on-line application procedure and requirements. The position is open until filled; but to assure full consideration, applications should be submitted no later than November 15, 2011, for a start date of July 1, 2012.** 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.

AMERICAN UNIVERSITY OF BEIRUT
ASSISTANT/ASSOCIATE POSITIONS IN CHEMICAL ENGINEERING

The Faculty of Engineering and Architecture at the American University of Beirut invites applications to fill several faculty positions in Chemical Engineering at the Assistant and Associate professor ranks. Applications in all research areas will be considered, specifically candidates with expertise in core Chemical Engineering subjects (Thermodynamics, transport phenomena, reactor engineering, separation processes, and process control and optimization), environmental, energy, biomolecular and nanoscale systems, or bioprocessing. Applicants must have a PhD degree in Chemical Engineering, preferably with postdoctoral or industrial experience. At least one degree must be in chemical engineering. The applicant is expected to have a leading role in maintaining strong undergraduate and graduate programs, to pursue vigorous research and attract external funding. Salary is commensurate with education and experience. Applications will be reviewed on a rolling basis until the positions are filled. **Applicants are invited to submit a complete resume, a brief statement of their interests that includes their vision on teaching and research, and the names of at least four references with their detailed addresses. The complete application should be sent to: Dean, Faculty of Engineering and Architecture, American University of Beirut, email: fea@aub.edu.lb, P.O. Box 11-0236, Riad El-Solh, Beirut 1107-2020, Lebanon.** Information on the Faculty of Engineering and Architecture in AUB can be found at www.aub.edu.lb/fea/. The American University of Beirut is an Affirmative Action/Equal Opportunity Employer. AUB's home page is at www.aub.edu.lb.