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POSITIONS AVAILABLE

CHEMICAL ENGINEER

Algenol Biofuels, the leading 3rd generation Bioethanol company, seeks an experienced chemical process engineer to design, execute, and scale-up technologies to separate and purify various process streams associated with Algenol's novel photobioreactors. The ideal candidate will have a Ph.D. in Chemical Engineering or in a related discipline, or will have M.S. degree with minimum 4 years relevant experience. All candidates should be experienced in the separation of multi-phase liquid-gas systems utilizing a variety of mechanical, chemical, and other relevant unit operations. Competitive salary and benefits package commensurate with experience. **E-mail resumes to: lyn.mailloux@algenolbiofuels.com.**

DIPPR DATABASE TECHNICAL SALES AND MARKETING

The American Institute of Chemical Engineers (AIChE) seeks an experienced, motivated, and entrepreneurial part-time technical sales and marketing professional to drive growth of its Design Institute for Physical Properties (DIPPR). This position is a virtual/home based position that may have the possibility of converting to a full-time position based on successes. Qualifications: Leverage diverse resources available from AIChE, the DIPPR Sponsors, and the DIPPR researchers to grow the DIPPR by expanding the sponsorship base and increasing sales of the DIPPR Databases; a successful track-record in selling to, and developing new markets and sales opportunities in the chemical and petroleum process industries is essential; must demonstrate an ability to nurture key accounts and grow sales using innovative marketing strategies. Requirements: Chemical Engineering degree or equivalent is a plus; strong background in thermodynamics and experience with physical properties; knowledge of the chemical and petroleum process industries is essential; an understanding of the REACH regulations and its impact on the chemical industry is useful; good interpersonal skills are essential; fluency in other languages is a plus. Salary: Base plus commission. **Interested candidates may send their cover letter, resume, and salary requirements - including base and commission to recruitment@aiche.org.** The selection of successful candidate will be made by no later than late January 2009. The American Institute of Chemical Engineers is an Equal Opportunity Employer.

ACADEMIC OPENINGS

UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT is seeking applicants for a faculty position effective academic year 2009/2010. Candidates must have a PhD degree in chemical engineering or a related field, and be able to teach undergraduate and graduate courses and mentor MS and PhD students. All ranks will be considered, although this search is focused primarily on an outstanding senior person at the full professor level. The research area is open. **Resumes, reprints of selected publications, a statement of research and teaching plans and a list of four references should be forwarded to: Prof. Panagiotis D. Christofides, Faculty Search Committee Chair, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** Review of the applications will begin on December 1, 2008. The successful candidate will be appointed at a salary level commensurate with education and experience. The University of California, Los Angeles and the Department of Chemical and Biomolecular Engineering are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.

BUCKNELL UNIVERSITY invites applications for a tenure-track position at the entry-level (three or fewer years of full-time teaching experience) assistant professor rank in chemical engineering to begin in Fall 2009. Candidates are sought with a commitment to excellence in teaching and scholarship within a program that emphasizes the undergraduate experience. The successful candidate will have the ability to provide classroom and laboratory instruction across the core chemical engineering curriculum, and the ability to advise undergraduate research projects and offer electives in their field of specialization. The areas of primary interest are process engineering (e.g., optimization, simulation, control), or sustainability/green engineering, although highly qualified applicants in other areas will be considered. Opportunities exist to mentor research students at both the undergraduate and master's levels. Doctorate in chemical engineering or closely related field required, undergraduate degree from an ABET accredited (or equivalent) program preferred, industrial experience desirable. Bucknell University is a highly selective private university emphasizing quality undergraduate education in engineering and in the liberal arts and sciences. The enrollment is approximately 3400 undergraduate students and 150 masters-level graduate students. Bucknell University values a diverse college community and is committed to excellence through diversity in its faculty, staff, and students. The university is located in Lewisburg on a 450-acre campus in central Pennsylvania's Susquehanna River Valley. New York City, Washington, D.C., Baltimore, and Philadelphia are each within a 3-1/2 hour drive from Lewisburg. Further details on the department of chemical engineering may be found at www.bucknell.edu/chemicalengineering.

Candidates are asked to submit a letter of application containing the names and email addresses of three references, curriculum vitae, statement of teaching philosophy, and statement of research interests. Please submit applications through the Bucknell Human Resources website at http://jobs.bucknell.edu. Reviews will begin November 1, 2008, and continue until the position is filled. The search committee chair is Dr. Timothy Raymond, Department of Chemical Engineering, Bucknell University.

ASSISTANT/ASSOCIATE/FULL PROFESSOR OREGON STATE UNIVERSITY

Assistant/Associate/Full Professor position in the School of Chemical, Biological and Environmental Engineering, Oregon State University. Required qualifications: PhD in Chemical Engineering or closely related field. A demonstrable commitment to promoting and enhancing diversity is preferred. Other preferred qualifications are noted on the position announcement. Closing date is 12/01/08. **To access the position announcement with qualifications and applications instructions, go to http://oregonstate.edu/jobs. Posting #0003287.** OSU is an AA/EOE.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT RICE UNIVERSITY invites applications or nominations for a tenure-track or tenured faculty position in the general area of complex systems. Complex systems are at the heart of any engineering discipline; they are composed of simple parts governed by relatively simple physical, chemical, and biological laws, yet they display emergent behavior such as self-organization, adaptability, dynamical instabilities, chaotic behavior, and pattern formation. The successful candidate should have demonstrated excellence in research, and a strong commitment to both graduate and undergraduate chemical engineering education. Preference will be given to candidates with interdisciplinary research interests that complement and enhance current and emerging strengths of the Department: Advanced materials, complex fluids, biosystems engineering, energy, and sustainability. Examples of topical areas include the self-assembly and processing of nanomaterials, the flow and phase behavior of complex fluids, the behavior and control of biological systems and networks, and multi-scale energy systems. Candidates should have a doctorate in chemical engineering or a related discipline. The deadline for applications is January 15, 2009, but earlier submissions are strongly encouraged. **Please send applications and nominations to: Faculty Search Committee, Department of Chemical and Biomolecular Engineering, MS-362, Rice University, P.O. Box 1892, Houston, TX 77251-1892, or by E-mail to chbe-search@rice.edu.** The position begins on July 1, 2009 and is contingent on funding approval. Rice is an equal opportunity, affirmative action employer and welcomes applications from women and members of underrepresented minority groups.

Imperial College London

KAUST

King Abdullah University of Science and Technology (KAUST)

Faculty Openings in Chemical and Biological Engineering

King Abdullah University of Science and Technology (KAUST) is being established in Saudi Arabia as an international graduate-level research university dedicated to inspiring a new age of scientific achievement that will benefit the region and the world. As an independent and merit-based institution and one of the best endowed universities in the world, KAUST intends to become a major new contributor to the global network of collaborative research. It will enable researchers from around the globe to work together to solve challenging scientific and technological problems. The admission of students, the appointment, promotion and retention of Faculty and staff, and all the educational, administrative and other activities of the University shall be conducted on the basis of equality, without regard to race, colour, religion or gender.

KAUST is located on the Red Sea at Thuwal (80 km north of Jeddah). Opening in September 2009, KAUST welcomes exceptional researchers, faculty and students from around the world. To be competitive, KAUST will offer very attractive base salaries and a wide range of benefits. Further information about KAUST can be found at http://www.kaust.edu.sa/

KAUST invites applications for Faculty positions at all ranks (Assistant, Associate or Full Professor) in Chemical and Biological Engineering including areas such as:

- Biological Engineering (biomedical engineering; biotechnology and bioprocess engineering)
- Natural Resource Engineering (energy engineering; environmental engineering)
- Fluids Engineering (fluid mechanics; molecular modelling and thermodynamics)
- Particle and Materials Engineering (complex materials; surfaces and interfaces)
- Process Systems Engineering (methodologies; applications)
- Reaction and Separation Engineering (reaction engineering and catalyst technology; separation engineering and technology)

High priority will be given to the overall originality and promise of the candidate's work rather than the candidate's sub-area of specialization within Chemical or Biological Engineering. Nevertheless, KAUST is particularly interested in applicants whose research has applications in the fields of water desalination, clean combustion and catalysis.

An earned Ph.D. in Chemical Engineering or a related science or engineering discipline, evidence of the ability to pursue a program of research, and a strong commitment to graduate teaching are required. Applicants should have at least one year of postdoctoral research experience. A successful candidate will be expected to teach courses at the graduate level and to build and lead a team of graduate students in Master's and PhD research.

Applications, including a curriculum vitae, brief statements of research and teaching interests, and the names and contact details of at least 3 referees, should be sent to the Search Committee by electronic mail to kaust.chemeng@imperial.ac.uk Please note that the Search Committee may also appoint additional referees at its discretion. The review of applications will begin immediately, and applicants are strongly encouraged to submit applications as soon as possible; however, applications will continue to be accepted until December 2009, or until all 10 available positions have been filled.

In 2008 and 2009, as part of an Academic Excellence Alliance agreement between KAUST and Imperial College London, the KAUST Faculty search will be conducted by a committee consisting of professors from the Faculty of Engineering at Imperial College London. This committee will select the top applicants and nominate them for Faculty positions at KAUST. However, KAUST will be responsible for actual recruiting decisions, appointment offers, and explanations of employment benefits. The recruited Faculty will be employed by KAUST, not by Imperial. Faculty members recruited by KAUST before September 2009 will be hosted in Chemical Engineering at Imperial College London as Academic Visitors until KAUST opens in September 2009. At Imperial, these Academic Visitors will conduct research with Imperial staff and may occasionally teach courses.

Enquires and applications: kaust.chemeng@imperial.ac.uk

Valuing diversity and committed to equal opportunities

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

The Department of Chemical Engineering seeks outstanding applicants for tenure-track faculty 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. The Department is especially interested in applicants with research and teaching interests in the areas of energy sciences. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. Applications from women and minorities are strongly encouraged. **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 early December 2008. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

TENURE-TRACK FACULTY POSITIONS IN CHEMICAL ENGINEERING AND MATERIALS SCIENCE, STEVENS INSTITUTE OF TECHNOLOGY

The Department of Chemical Engineering and Materials Science (CEMS) at Stevens Institute of Technology announces tenure-track faculty openings in Chemical Engineering with an earliest starting date of January 1, 2009. CEMS is a research-active department at Stevens, with substantial strength in chemical and biological microsystems, polymers, biomaterials, nanoenergetics, and photonic sensing and imaging. Annual research expenditure in the department is about $3M. Applicants should have a Ph.D. in Chemical Engineering or a related discipline. While all relevant areas will be considered, preference will be given to candidates with research interests and expertise in bioprocessing, alternative energy, or pharmaceutical process engineering. Successful applicants will be expected to develop strong extramurally funded research activities and show a clear commitment to both graduate and undergraduate training in a highly integrated and interdisciplinary environment. 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, demonstrated accomplishments, and vision for future achievement. Applications will be accepted until the positions are filled. **Applicants should submit a curriculum vita, a detailed research plan including both short-term and long-term professional goals, a description of teaching interests, and contact information for at least three references to: Chair of Faculty Search Committee, c/o Ms. Nancy Webb, email: nwebb@stevens.edu, Department of Chemical Engineering and Materials Science, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030.** Stevens Institute of Technology is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

FACULTY POSITION IN CHEMICAL AND BIOLOGICAL ENGINEERING DREXEL UNIVERSITY

The Department of Chemical and Biological Engineering at Drexel University invites applications and nominations for a tenure-track position at the rank of Assistant Professor, although higher rank may be considered depending on experience and achievements. The successful candidate 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 areas of research will be considered. The department

currently has 12 tenure-track faculty, 2 teaching faculty, approximately 300 undergraduate students and 50 PhD students. With research expenditures nearing $3 M last year, current research interests are in the fields of polymer science, biotechnology, computational modeling, as well as energy and the environment. Drexel University has a medical school and is a top-tier research institution ranked in the top 100 among all PhD granting universities according to *US News & World Report* (2009). 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 are requested to send a letter of interest, a detailed curriculum vitae, statements of research and teaching interests, and a list of references electronically to Giuseppe R. Palmese, Department Head, at the following address: grp27@drexel.edu.** Review of applications will begin November 1, 2008. Drexel University does not discriminate against employees, students, or applicants on the basis of race, sex, disability, age, veteran status, national origin, religion, political affiliation, or sexual orientation.

FACULTY POSITION - WAYNE STATE UNIVERSITY

The Department of Chemical Engineering and Materials Science seeks applications for a tenure-track position, with appointment beginning in Fall 2009. This opening is part of a 5-position, university-wide cluster hire in nanomedicine research. The position is open to all areas related to nanomedicine, including synthesis and characterization of nanomaterials, gene and drug delivery, fluidics, and cell/tissue engineering. Candidates should have a Ph.D. degree in chemical engineering or a related field, and a strong commitment to undergraduate and graduate education. Assistant professor candidates should have the potential to develop a nationally recognized, externally-funded research program. Experienced candidates with strong records of accomplishment will be considered for higher ranks. Applicants should send a complete curriculum vitae and description of future research plans, and four references. Our department offers an excellent research environment, with well-equipped laboratories in the new 82,000 sq. ft. Engineering Development Center, and external funding that has grown to approximately $3 million/year. Wayne State University has a strong focus on interdisciplinary research in nanomaterials science and medicine, with opportunities to collaborate with outstanding faculty in the Colleges of Engineering, Medicine, Science, and Pharmacy. For more information, visit Chemical Engineering (www.eng.wayne.edu/che/), the NanoBioScience Institute (http://www.med.wayne.edu/nanobioscience/nanobioscience.htm), and the Nano@Wayne program (http://research.wayne.edu/nano/). **Applications should be sent to Professor Charles W. Manke, Chair, Dept. of Chemical Engineering and Materials Science, 5050 Anthony Wayne Drive, Room 1105, Detroit, MI 48202, or by email to cmanke@eng.wayne.edu.** Review of applications will begin in December 2008. Women and minority candidates are encouraged to apply. Wayne State University is an equal opportunity/affirmative action employer.

VILLANOVA UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING ANTICIPATED ACADEMIC OPENING(S)

Villanova University invites applications for anticipated tenure-track position(s) in the Department of Chemical Engineering. 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 energy, sustainability, materials, or bioengineering areas preferred. Appointment at either a junior or a senior level is possible, depending on the credentials and qualifications of the applicant. Villanova University is an Augustinian-related Roman Catholic University, which seeks a diverse faculty who understands and supports the values inherent in its Catholic character and Augustinian tradition. The Chemical Engineering Department offers programs leading to the B.S. and M.S. degrees and participates in the College of Engineering Ph.D. degree program. **Send a letter of application including research and teaching interests, curriculum vitae, and the names of at least three references by February 15, 2009 to Dr. Randy Weinstein, Department of Chemical Engineering, Villanova University, 800 Lancaster Avenue, Villanova PA 19085.** Villanova is an EEO-AA employer.

The Ralph E. Martin Department of Chemical Engineering

Is seeking dynamic applicants for the following position:
The Ross E. Martin Chair in Emerging Technologies

The successful candidate for this tenure track position is expected to develop and lead an internationally recognized and funded research program in chemical engineering applications for modern technologies. Applicants must have a Ph.D. in Chemical Engineering or a related field and should hold at least one chemical engineering degree. Applicants at all academic levels will be considered with compensation commensurate with experience. In addition to conducting an innovative, state-of-the-art research program, the successful candidate will be expected to engage graduate and undergraduate students and be committed to service at all levels. Significant opportunities for collaboration with existing research programs in other departments are available.

The University of Arkansas is the state's land-grant institution and is located in one of the fastest growing and most dynamic regions of the country. The UA is a major center of theoretical and applied research which provides a wide range of public services to people throughout the state and the nation.

Interested applicants should send a letter of application, curriculum vitae, teaching and research plans, three to five selected reprints, and names, addresses, e-mail addresses and phone numbers of at least three references. Review of applications will continue until the position is filled. Application materials should be sent to:

Professor Greg Thoma, Search Committee Chair, Department of Chemical Engineering, 3202 Bell Engineering Center, Fayetteville, AR 72701

For further information, visit our web site at:
http://www.cheg.uark.edu/
and the UA job listings at:
http://hr.uark.edu/employment/NonClassifiedTypes.asp

The University of Arkansas is an Affirmative Action/EOE employer, committed to achieving a culturally diverse faculty.

We strongly encourage applications from all qualified candidates.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT RICE UNIVERSITY invites applications or nominations for a junior-level, tenure-track faculty position. The successful candidate should have a distinguished academic record, demonstrated excellence in research, and a strong commitment to both graduate and undergraduate chemical engineering education. Candidates should have a doctorate in chemical engineering or a related discipline. Preference will be given to those who can contribute to the following research areas of the Department: Advanced materials, complex fluids, biosystems engineering, energy, and sustainability. **Applicants should send a CV, statement of research and teaching interests, and a list of at least three references to Faculty Search Committee, Department of Chemical and Biomolecular Engineering, MS-362, Rice University, P.O. Box 1892, Houston, TX 77251-1892. Electronic submissions are welcome (chbe-search@rice.edu).** Applications received by November 30, 2008 will be given fullest consideration; late applications will be considered until the search is closed. The position begins on July 1, 2009 and is contingent on funding approval. Rice University is an equal opportunity, affirmative action employer and welcomes applications from women and members of underrepresented minority groups.

UNIVERSITY OF SOUTH CAROLINA
DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at the University of South Carolina seeks to hire a tenure-track faculty member with expertise in heterogeneous catalysis and surface chemistry, with particular interest in high temperature electrochemistry and materials for electrochemical and catalytic applications. Applicants are sought at the Assistant Professor level; however, outstanding applicants at the senior level are also welcome. In addition to strengthening our core research areas of catalysis/electrocatalysis, materials and alternative energy, successful candidates will be expected to establish a prominent, externally funded research program and proactively develop collaborative research within the new Solid Oxide Fuel Cell (SOFC) faculty cluster in the College of Engineering & Computing. Successful candidates will have a PhD in Chemical Engineering, Materials Science and Engineering or a closely related field, with demonstrated ability to develop and conduct independent, leading-edge research, along with potential for teaching undergraduate and graduate students. **Applicants must submit a letter of application, a vita, a summary of future research plans, a statement of teaching philosophy and interests, as well as names of three references to: Faculty Search Committee, Faculty Excellence Initiative (FEI) Program, Department of Chemical Engineering, Swearingen Engineering Center, 301 S. Main Street, University of South Carolina, Columbia, SC 29208 or by e-mail to scchefei@engr.sc.edu.** The Department is particularly interested in receiving applications from traditionally under-represented groups. 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 has designated as the ADA Title II, Section 504 and Title IX coordinator, the Executive Assistant to the President for Equal Opportunity Programs. The Office of the Executive Assistant to the President for Equal Opportunity Programs is located in Suite 805 of 1600 Hampton Street, Columbia, SC; telephone 803-777-3854.

FACULTY POSITIONS AT ARIZONA STATE UNIVERSITY

The Ira A. Fulton School of Engineering at Arizona State University focuses on innovation and discovery with impact - leading to solutions to the grand challenges facing society. Our faculty is distinguished by its collaborative and transdisciplinary approach to education and research, and to its dedication to preparing our students for impactful careers. Our school has received significant investment in the form of state-of-the-art research facilities and resources to hire 100 new faculty members. We seek to hire diverse faculty attracted by our mission and by the opportunity to join one of the most rapidly evolving and dynamic universities in the U.S. Tenure-track and tenured positions are open at all ranks for faculty that can make contributions in our energy grand challenge thrust area. Specific specialties of interest include basic and applied research in energy generation and storage technologies, and in bioenergy technologies leading to affordable energy solutions. These searches are being conducted by our Department of Chemical Engineering and: a) our School of Materials for the energy generation and storage positions, and b) our Department of Civil and Environmental Engineering for the bioenergy positions. Tenure-track and tenured positions are also open at all ranks for faculty that can make contributions in our biological and human systems grand challenge thrust area. In this case, there is specific interest in the drug delivery specialty area and the search is being conducted by our Department of Chemical Engineering and our Harrington Department of Bioengineering. A PhD in a major engineering field and a record of publications in scholarly journals appropriate to the desired appointment level are required for all positions. Applicants for assistant professor positions must show exceptional promise in research and teaching, whereas applicants for associate/full professor rank must have demonstrated excellence in research and teaching appropriate to rank. Successful candidates will be expected to develop and maintain internationally recognized, externally-funded research programs, teach at the undergraduate and graduate levels, and participate in service activities in the departmental, college and university. **Interested candidates must submit a letter indicating one of the three research specializations (energy generation and storage, bioenergy or drug delivery) and desired rank, research and teaching plans, a current curriculum vitae including names, telephone, mail and email addresses of three references. These should be sent to Prof. Jerry Y.S. Lin, Chair, Dept of Chemical Engineering, Arizona State University, Campus Box 6006, Tempe, AZ 85287-6006.** Applications will be reviewed beginning October 30th, if not filled, the 15th and 30th of each month until searches are closed. A background check is required for employment. For further information, contact Prof. Jerry Y.S. Lin at (480) 965-7769 or email: Jerry.Lin@asu.edu. AA/EOE. More information about our school and our faculty openings can be found at www.fulton.asu.edu.

TEXAS A&M UNIVERSITY

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (http://che.tamu.edu/) invites applications for two tenure-track faculty positions at the Assistant or Associate Professor rank. Specific areas of interest include, but are not limited to, bioenergy, alternative fuels, and materials science & engineering. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to teach at the undergraduate and graduate levels. The Department is housed in a new $38 million, 205,000 square foot facility, has 28 full-time faculty and 140 graduate students, and has over $20 million in endowments. **Candidates applying for this position must have a Ph.D. in Chemical Engineering or in a closely-related field. Applications with curriculum vita, including research and teaching interests, a statement of research plans, copies of selected publications, and names of three references should be sent to Professor Michael Pishko, Artie McFerrin Department of Chemical Engineering, 3122 TAMU, Texas A&M University, College Station, TX 77843-3122.** Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/ Affirmative Action Employer committed to diversity. Candidates from underrepresented groups are strongly encouraged to apply.

TEXAS A&M UNIVERSITY - QATAR
CHEMICAL ENGINEERING PROGRAM

Applications are invited for two chemical engineering faculty positions at all levels at Texas A&M University's branch campus in Doha, State of Qatar. Texas A&M University at Qatar (TAMUQ) is a partnership with Qatar Foundation. Now entering its fifth year of operation, TAMUQ offers Bachelor of Science degrees in Chemical, Electrical and Computer, Mechanical, and Petroleum Engineering. The degree programs are identical to those of the main campus at College Station, Texas. A Texas A&M University diploma is awarded to graduates. A new, state-of-the-art engineering building for teaching and research opened in 2007. Applicants for these positions must have a Ph.D. in Chemical Engineering or closely related field. Preferences will be given to individuals with research and teaching interests in the areas of process integration and design, process safety, petroleum and gas processing, environmental engineering and thermodynamics, but outstanding candidates with research interests in other areas of Chemical engineering will also be considered. Prior teaching experience in USA and familiarity with ABET accreditation is desirable. We offer competitive salaries and summer funding is guaranteed. Liberal allowances for professional travel and for relocation to Qatar are provided. Fringe benefits include free furnished housing in one of several gated communities, K-12 education for dependents, group health insurance, annual leave allowance, and a car allowance. **Applicants should send curriculum vitae, detailed statement of research and teaching interests, and arrange to have letters of recommendation sent to: Dr. Mahmoud El-Halwagi, Chair-TAMUQ CHEN Search Committee, Artie McFerrin Department of Chemical Engineering, Texas A&M University, College Station, Texas 77843-3122. Call (979) 862-3985 for additional information.** The complete dossier should be received by March 31, 2009. Early applications are encouraged since applications will be reviewed as they are received. Texas A&M University is an equal opportunity employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and veterans. More information about Texas A&M University is available on the web at http://www.tamu.edu and http://www.qatar.tamu.edu/. The University is responsive to the needs of dual career couples. Texas A&M University provides equal opportunity to all persons regardless of race, color, religion, sex, national origin, disability, age or veteran status and encourages applications from members of groups under-represented in engineering.

MIAMI UNIVERSITY, DEPARTMENT OF PAPER AND CHEMICAL ENGINEERING, SCHALLEK ASSOCIATE OR FULL ENDOWED PROFESSOR

to teach undergraduate and graduate courses; develop and maintain independent research programs; enhance curriculum; advise students; supervise undergraduate senior design projects and graduate thesis research; participate in departmental and professional service activities. Require: Ph.D. in chemical engineering or closely related field of engineering. For appointment as associate professor, require proven track record in research and scholarly activity, teaching and service. For appointment as full professor, require significant qualifications. Desire: expertise in biomaterials, biomedical engineering, or systems biology. **Send curriculum vitae, descriptions of teaching philosophy and research experience, and descriptions of other experiences appropriate to the position and three letters of reference to Dr. Douglas Coffin, Paper & Chemical Engineering, Miami University. Contact phone number is 513/529-0771. Contact email address is coffindw@muohio.edu.** Screening of applications begins January 16, 2009 and will continue until the position is filled. For more information about the department, visit www.eas.muohio.edu/departments/pce/faculty-searches/. Miami University is an EOE/AA employer with smoke free campuses. For information regarding campus crime and safety, visit www.muohio.edu/righttoknow. Hard copy upon request.

MIAMI UNIVERSITY, DEPARTMENT OF PAPER AND CHEMICAL ENGINEERING, ASSISTANT/ASSOCIATE PROFESSOR to teach undergraduate and graduate courses; develop and maintain independent research programs; enhance curriculum; advise students; supervise undergraduate senior design projects and graduate thesis research; participate in departmental and professional service activities. Require: Earned doctorate (by date of appointment) in chemical engineering or related field; ability to teach courses in chemical engineering. For appointment as associate professor, require an established record of scholarship/research. Desire: research experience in the bioengineering or energy fields; teaching experience in higher education. However, research expertise in any area of chemical engineering will be considered. **Send curriculum vitae, descriptions of teaching philosophy and research experience, and descriptions of other experiences appropriate to the position and three letters of reference to Dr. Catherine Almquist, Paper & Chemical Engineering Faculty Search Committee, Miami University. Contact phone number is 513/529-0767. Contact email address is almquic@muohio.edu.** Screening of applications begins January 16, 2009 and will continue until the position is filled. For more information about the department, visit www.eas.muohio.edu/departments/pce/faculty-searches/. Miami University is an EOE/AA employer with smoke free campuses. For information regarding campus crime and safety, visit wwww.muohio.edu/righttoknow. Hard copy upon request.

THE DEPARTMENTS OF CHEMICAL AND BIOCHEMICAL ENGINEERING AND CHEMISTRY AT RUTGERS UNIVERSITY invite applications from outstanding candidates in the areas of heterogeneous catalysis, synfuels and biofuels. The successful candidate should have an excellent track record in research, a strong commitment to teaching, and the ability to contribute to the creation of a new research center focusing on emerging fuel technologies. Preference will be given to applicants at the Full Professor level but appointments will be considered at other levels consistent with the candidate's experience. Successful candidates will be appointed in either the Chemical and Biochemical Engineering Department (http://sol.rutgers.edu/) or the Chemistry Department (http://rutchem.rutgers.edu/). A joint appointment is also possible. Preference will be given to candidates that will complement, strengthen or expand the Rutgers Energy Institute (http://ruei.rutgers.edu/index.php). Candidates must have a Ph.D. in Chemistry, Chemical Engineering or a related field. **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 Energy 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. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY invites applications for a tenure-track faculty position. 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. Candidates should have a demonstrated excellence in research with a strong commitment to teaching. There are no restrictions on research area for candidates; however, preference will be given to research interests in the following areas: Pharmaceutical Processing (particle technology, nanoparticle synthesis, etc.), Emerging Energy Technologies (synfuels, biofuels, heterogeneous catalysis, etc.), Advanced Materials, as well as areas that will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems (http://solids.rutgers.edu/ERC/). 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.

UNIVERSITY OF SOUTH FLORIDA, FACULTY POSITION DEPARTMENT OF CHEMICAL & BIOMEDICAL ENGINEERING

The Department of Chemical & Biomedical Engineering invites applications and nominations for a tenure-track faculty position in the broad area of alternative energy at the Assistant Professor level starting August 2009. 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 solar energy, synthetic fuels, biofuels, fuel cells and batteries, hydrogen technologies, and associated enabling fields such as catalysis including biocatalysis, and systems design/analysis/integration are encouraged to apply. The ChBME Department at USF is expanding its energy thrust with significant funding from the State of Florida and other active grant sources. Several postdoctoral opportunities are thus available to support this expansion. Applications from women and minorities are strongly encouraged. The University of South Florida is among the nation's top 63 public research universities, is one of 39 community engaged public universities as designated by the Carnegie Foundation for the Advancement of Teaching, and placed among the nation's top 20 "up and coming universities" in the 2009 *U.S. News & World Report* annual college rankings. USF is one of Florida's top three research universities. The University was awarded $366 million in research contracts and grants last year. The university offers 219 degree programs at the undergraduate, graduate, specialist and doctoral levels, including the MD degree. The university has a $1.8 billion annual budget, an annual economic impact of $3.2 billion, and serves more than 45,000 students on campuses in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland. USF is a member of the Big East Athletic Conference. The new faculty member is expected to develop a nationally and internationally recognized program of externally funded research and demonstrate a strong commitment to excellence in undergraduate and graduate education. The Chemical Engineering program

is ABET accredited and offers degrees at all levels. The Biomedical program offers MS and Ph.D. degrees. Further information on the department can be found at http://che.eng.usf.edu. **Applicants should send a letter of application, current resume, a list of 3-5 references, a statement of research and teaching interests, and reprints of at least three publications to: Chair, Faculty Search Committee, Chemical & Biomedical Engineering Department, ENB 118, University of South Florida, 4202 E. Fowler Ave., Tampa, FL 33620-5350.** Full considerations will be given to applications received by Nov 21, 2008. USF is an equal opportunity/equal access/affirmative action institution.

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/ for more information on the areas of interest and for application details. **Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and a list of names of at least three references to: Prof. Jim Yang LEE, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg)**.

TENURE-TRACK ASSISTANT PROFESSOR POSITION AVAILABLE

The Chemical Engineering Department of McGill University invites applications for a tenure-track appointment at the level of Assistant Professor. The preference is for applicants with a background in Chemical Engineering and conducting research in the areas of Advanced Materials and/or Energy. However, excellent candidates with other research interests and/or backgrounds will also be considered. McGill University is a research intensive university with a distinguished history in Engineering, Medicine and Science. In addition to developing a strong research program, the candidate will be expected to participate in teaching Chemical Engineering courses at the undergraduate and graduate levels. Applicants must have a doctoral degree and must be eligible for membership with a professional Canadian engineering licensing body. They should demonstrate evidence of outstanding potential for teaching and research. The successful candidate will join a high-profile, dynamic department of 15 tenured and tenure-track professors. The Chemical Engineering Department has an undergraduate B.Eng. program with approximately 400 students and about 100 graduate students completing M.Eng. and Ph.D. degrees. The Department offers an excellent infrastructure for both teaching and research. McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification. All qualified applicants are encouraged to apply. However, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. Salary will be negotiated according to qualifications and experience. **Applications will be reviewed as they are received and until the position is filled. Please send a resumé, three reference letters and a brief research and teaching plan to: Professor Sylvain Coulombe, Chair, Faculty Search Committee, Department of Chemical Engineering, McGill University, 3610 University Street, Montréal, Québec, Canada, H3A 2B2. http://www.mcgill.ca/chemeng/researchpos/.**

UNIVERSITY OF FLORIDA, INSTITUTE OF FOOD AND AGRICULTURAL SCIENCES, ASSISTANT/ASSOCIATE PROFESSOR, BIOENERGY/BIOPROCESS ENGINEER

Agricultural and Biological Engineering, Gainesville, FL. Position # 00014402. This is a 12-month tenure-accruing position consisting of 70% Research (Florida Agricultural Experiment Station) and 30% Extension (Florida Cooperative Extension Service) in Bioprocess Engineering responsible for directing and conducting research in a new state-of-the-art biofuels pilot plant and participating in the development of a $20 million biofuels production facility. Research will include design, adaptation and/or development of bioprocesses for production of biofuels with emphasis on cellulosic ethanol and related co-products. Extension will involve transfer of knowledge and expertise to the public and vested stakeholders through partnerships with federal, state and county governments. An earned doctorate in Bioprocess, Biological, Agricultural, Mechanical or Chemical Engineering, or other closely related engineering field is required, along with a strong background in the biological and biochemical sciences with application to bioprocess technology. **Applicants are required to apply on line by visiting https://jobs.ufl.edu, and search for Requisition # 0800826. Be sure to attach a letter of application including a summary of interests, experience, and qualifications related to this position and a complete resume of professional experience including all publications. Also attach as "other" the names and contact information of four references who may be asked for letters of recommendation.** The University of Florida is an equal opportunity, equal access, and affirmative action employer. Women and minorities are encouraged to apply.

MSOE

BioMolecular Engineering

Milwaukee School of Engineering is launching a new undergraduate program in BioMolecular Engineering in the fall of 2009 and we are committed to build our faculty with several new hires over the next 5 years. We are currently inviting applicants for two positions starting no later than September 2009. These two individuals are expected to be major contributors to the development of the new program. The candidates should also have a commitment and ability to teach all levels of undergraduate biology, chemistry or physics. A Ph.D. in an appropriate field, with aptitude to develop and teach courses in the areas of Bioinformatics, Proteomics, Metabolic Engineering, or Synthetic Biology, along with the computational and experimental lab skills to work at the biomolecular and nano scales are required. Industrial or postdoctoral experience in one of the above areas and additional interests in the area of Biophysics are 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 and three letters of recommendation, should be submitted to:

Dr. M. Kaltchev, Chair, Department of Physics and Chemistry
Milwaukee School of Engineering
1025 N. Broadway
Milwaukee, WI 53202.
kaltchev@msoe.edu

The selection process will continue until the positions are filled.

MSOE is an Equal Opportunity Employer

The Department of Chemical and Biomolecular Engineering at the Johns Hopkins University announces a search for tenure-track faculty at the Assistant or Associate Professor level. The department seeks outstanding engineers and scientists who will create innovative, high-impact graduate research programs and who will excel at teaching and motivating talented undergraduate students. A doctorate in Chemical Engineering or a related field is required. Preference will be given to applicants in the following areas of excellence: Interfaces/colloids/fluidic systems with applications to nanotechnology, renewable energy including biofuels, fuel cells and photovoltaics, and biomolecular engineering. The Chemical and Biomolecular Engineering Department provides a highly collaborative environment with departments in the Schools of Engineering, Arts & Sciences, Medicine and Public Health. Candidates should submit a curriculum vitae, reprints of recent papers, a statement of research interests and teaching plans, and the names of three references to: **Chair, Search Committee, Department of Chemical and Biomolecular Engineering, Johns Hopkins University, Maryland 221, 3400 North Charles Street, Baltimore, MD 21218.** To ensure full consideration, applications should be submitted by December 15, 2008. The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

FACULTY POSITIONS IN MATERIALS CHEMISTRY/CHEMICAL ENGINEERING, MICHIGAN STATE UNIVERSITY

Michigan State University is initiating an aggressive, broad-based effort to expand its research and educational expertise in complex materials for energy applications. As a cornerstone of this effort, we are seeking outstanding candidates to fill six (or more) tenure-stream faculty positions. Appointments can be made at any level within the Departments of Chemistry, Physics and/or in one of the Departments within the College of Engineering. Research in all areas of experimental or theoretical materials research will be considered, with preference for candidates whose research agenda contributes to building cross-disciplinary and cross-college collaborations. Michigan State has in place an extensive infrastructure for the fabrication and characterization of materials and an established faculty base in energy sciences and engineering. Institutional support for this initiative is strong with concurrent formation of a center of research excellence in complex materials, and further investments in faculty positions, facilities and space are possible upon successful completion of the search. **Inquiries should be directed to Prof. Phil Duxbury in the Physics/Astronomy Department (duxbury@pa.msu.edu), Prof. Don Morelli in the Engineering College (dmorelli@egr.msu.edu) or to Prof. Jim McCusker in the Chemistry Department (jkm@chemistry.msu.edu). Applications, including a resume, publication list, a description of research plans, and the names of at least four references should be sent to: Complex Materials Search Committee, Department of Physics and Astronomy, Biomedical Physical Sciences Building (BPS), Michigan State University, East Lansing, MI 48824-2320.** Consideration of applications will commence November 15th and will continue until the positions are filled. MSU is an affirmative action, equal opportunity employer. MSU is committed to achieving excellence through cultural diversity. The university actively encourages applications and/or nominations of women, persons of color, veterans and persons with disabilities.

UNIVERSITY OF SOUTH FLORIDA, FACULTY POSITION, DEPARTMENT OF CHEMICAL & BIOMEDICAL ENGINEERING

The Department of Chemical & Biomedical Engineering invites applications and nominations for a tenure-track faculty position at the Professor level starting August 2009. The new faculty member must have an earned Ph.D. in chemical engineering or biomedical engineering or a closely related field. This senior position will provide research and educational leadership for the Biomedical Engineering graduate program. Applications from women and minorities are strongly encouraged. The University of South Florida is among the nation's top 63 public research universities, is one of 39 community engaged public universities as designated by the Carnegie Foundation for the Advancement of Teaching, and placed among the nation's top 20 "up and coming universities" in the 2009 *U.S. News & World Report* annual college rankings. USF is one of Florida's top three research universities. The University was awarded $366 million in research contracts and grants last year. The university offers 219 degree programs at the undergraduate, graduate, specialist and doctoral levels, including the MD degree. The university has a $1.8 billion annual budget, an annual economic impact of $3.2 billion, and serves more than 45,000 students on campuses in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland. USF is a member of the Big East Athletic Conference. The new faculty member is expected to develop a nationally and internationally recognized program of externally funded research and demonstrate a strong commitment to excellence in undergraduate and graduate Chemical and Biomedical Engineering education. The Chemical Engineering program is ABET accredited and offers degrees at all levels. The Biomedical program offers MS and Ph.D. degrees. Further information on the department can be found at http://che.eng.usf.edu. **Applicants should send a letter of application, current resume, a list of 3-5 references, a statement of research and teaching interests, and reprints of at least three publications to: Chair, Faculty Search Committee, Chemical & Biomedical Engineering Department, ENB 118, University of South Florida, 4202 E. Fowler Ave., Tampa, FL 33620-5350.** Full considerations will be given to applications received by Nov 21, 2008. USF is an equal opportunity/equal access/affirmative action institution.

LEADERSHIP AND INNOVATION IN CHEMICAL ENGINEERING AND APPLIED CHEMISTRY, UNIVERSITY OF TORONTO

The Department of Chemical Engineering and Applied Chemistry invites applications for a faculty position in the tenure-stream at the rank of Assistant Professor, effective on or after July 1, 2009. The successful candidate will show leadership and innovation in research and teaching. Subjects of strategic interest to the Department are: Energy systems of any scale; environmentally responsible and sustainable technologies; food engineering and nutraceuticals; Applicants are expected to have a PhD or equivalent, demonstrated excellence in research and excellent teaching skills. Postdoctoral or industrial experience is an asset. The successful candidate will be expected to initiate and lead an independent research program of international caliber, and teach at the undergraduate and post-graduate level. Collaborative and inter-disciplinary research and collegial interaction will be important elements in success. Eligibility to register as a Professional Engineer in Ontario is a desirable qualification. Salary will be commensurate with qualifications and experience. **Applicants should send a curriculum vitae and a statement concerning research and teaching interests (three to five pages), and should arrange for three letters of reference to be sent directly to: Doug Reeve, Professor and Chair, Department of Chemical Engineering and Applied Chemistry, University of Toronto, 200 College Street, Toronto, Ontario, Canada M5S 3E5**. The search will continue until the position is filled. To ensure consideration, interested individuals should deliver complete application materials before January 18, 2009. Inquiries: chair.chemeng@utoronto.ca; Information: www.chem-eng.utoronto.ca. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

ANNOUNCEMENT: PRESIDENTIAL ENDOWED CHAIR AND TENURE-TRACK FACULTY IN NUCLEAR ENGINEERING

The University of Utah College of Engineering invites nominations and applications for a new tenured Presidential Endowed Chair in Nuclear Engineering and a new tenure-track assistant professor position in nuclear engineering. The U of U has received a generous gift from Energy Solutions to build the capabilities of both our reactor and non-reactor based research and educational mission. This new tenured Presidential Endowed Chair will provide leadership for the Nuclear Engineering Program at the University of Utah and develop research and academic visions for the program. The successful candidate will have a PhD in nuclear engineering or related science or engineering field and have

the outstanding credentials for a tenured Professor appointment at the University. Nominees or applicants should have demonstrated research and commitment to educating the next generation of nuclear engineers. The Nuclear Engineering Program at the U of U houses the Center for Excellence in Nuclear Technology, Engineering and Research (CENTER). The facilities include an NRC qualified 100 kW Modified Mark I TRIGA Reactor. The Nuclear Engineering Program with the CENTER also supports a radiochemistry laboratory, a radiation measurements laboratory, clean room facilities, optical microscopy laboratory, and extensive computational facilities. Collaborations exist with Los Alamos National Laboratory and Idaho National Laboratory, USDOE, the University of Utah School of Medicine; Chemical, Environmental, Civil, Biological, and Mechanical Engineering, as well as the Departments of Chemistry and Physics. Research opportunities exist in nearly all areas of nuclear engineering, including nuclear safety and forensics, power, storage and disposal, materials handling and reprocessing, nuclear medicine, and fundamental nuclear physics. The Presidential Endowed Chair may hold joint appointments consistent with their background. The Chair is expected to lead collaborative and interdisciplinary research, assist in hiring additional faculty and lead the academic program to further the mission of the University. Candidates must demonstrate that they are effective communicators and teachers through on-campus interviews, and a presentation that indicates their research plans. A high value will be placed on leadership, collegiality and interdisciplinary research. The University of Utah's Nuclear Engineering Program currently offers MS and PhD degrees; an undergraduate minor is being developed. The program is positioned for a major growth in size and stature. The new Endowed Chair is expected to provide vision and leadership to this growth. The Salt Lake metropolitan area is known as the Crossroads of the West. The campus is decidedly urban and yet there are wonderful outdoor recreational opportunities in the region. Initial screening of applicants will begin October 15th, 2008 and will continue until the position is filled. **The application materials are: a cover letter stating your vision for building a nuclear engineering program for the 21st Century, a list of seven references with contact information, your full curriculum vitae, and two of your most important publications. Email your application in PDF format to Dr. Paul Tikalsky, Chair of Nuclear Engineering Search Committee, at Tikalsky@civil.utah.edu (801) 581-6931.** You will receive an e-mail yconfirmation within 3 days. Informal contacts and nominations are welcome. The University is an equal opportunity, affirmative action employer; encourages nominations and applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students.

DIRECTOR FOR THE WVNANO INITIATIVE WEST VIRGINIA UNIVERSITY

West Virginia University seeks applications and nominations for an exceptional leader with strong technical, strategic planning and team-building skills to become the Director of WVNano, the West Virginia University initiative for nanoscale science and engineering, and education (NSEE). WVNano (http://wvnano.wvu.edu) is an exciting University-wide initiative to accelerate both NSEE and nanotechnology research to a high level of competitiveness. WVNano is an intensely interdisciplinary effort involving over 25 researchers from the colleges representing science, engineering, health science, and education. WVNano is funded by university, state, and federal sources. The strategic plan is dynamic and has resulted in six new faculty positions with four more positions currently available. A significant number of additional NSEE-related faculty searches are also underway by the University's Colleges. The Director will promote the sense of community within WVNano and be responsible for the Initiative's vision, leadership, advocacy, and management. The Director will report directly to the Vice President for Research and Economic Development. Acceptable candidates must have a demonstrated commitment to and current knowledge of interdisciplinary research and education relevant to NSEE; demonstrated technical, administrative, and communication skills; an earned doctoral degree; and an established record of leading and fostering large interdisciplinary research efforts. Evidence of significant academic research and educational expertise and/or experience leading large research programs is required. The academic appointment will be commensurate with the candidate's background. **Applications should be submitted electronically to nanofaculty@mail.wvu.edu (list WVNano Director in the subject line). Applications should include (1) a statement describing the applicant's qualifications and vision for the future of WVNano; (2) a complete curriculum vitae, including a record of scholarly activity and leadership experience; and (3) the names and contact information for at least five references.** For full consideration completed applications should be received by December 10, 2008, but the position will remain open until filled. Questions regarding the position should be addressed to: David Lederman, Interim Director, WVNano (David.Lederman@mail.wvu.edu, (304) 216-8209). West Virginia University is an affirmative action, equal opportunity employer, dedicated to building a culturally diverse and pluralistic faculty and staff committed to working in a multicultural environment. Applications from women, minorities, individuals with disabilities and covered veterans are encouraged. Individuals that are part of dual career couples are also encouraged to apply.

WVNANO/WEST VIRGINIA UNIVERSITY
TENURE-TRACK POSITIONS IN NANOSCALE SCIENCE, ENGINEERING, AND EDUCATION

West Virginia University invites applications for four tenure-track faculty positions, each serving an integral role enabling discovery in advanced biomolecular sensing, control, and delivery devices; nanofluidics; drug discovery and delivery; and science education research through an integrative approach to combining nanobioscience, nanoscale structures, device development, and integrative system development. A Ph.D. in the physical, biological, engineering or biomedical sciences is required. Appointments at the level of Assistant Professor are expected, although higher ranks, commensurate with the applicants' record and experience, will be considered. More information may be found at http://wvnano.wvu.wvu/opportunities. West Virginia University (http://www.wvu.edu) is a comprehensive land grant research institution with comprehensive health sciences enrolling over 28,000 students in 113 degrees programs. These positions are enabled by WVNano (http://wvnano.wvu.edu), WVU's nanoscale science, engineering, and education initiative and the Colleges of Arts and Sciences, Engineering and Mineral Resources, and the Schools of Medicine and Pharmacy. The successful candidates will be appointed in the academic departments with which they have the strongest disciplinary synergy, and will serve an integral role within WVNano. In addition to start-up resources, state-of-the-art chemical, biochemical, computational, growth, fabrication, microscopy, and characterization facilities are available through WVNano. The successful candidates are expected to develop a vigorous extramurally funded research program in their area of specialization, to build effective interdisciplinary collaborations, and to be excellent teachers. **Interested candidates must send a letter of application, a CV, a statement of research interests, and a statement of teaching philosophy in a single pdf file to nanosearch@mail.wvu.edu (subject line: Faculty Search). The applicants must also arrange for three letters of recommendation to be sent to the same email address.** Review of completed applications will begin immediately and the positions will remain open until filled. West Virginia University is an affirmative action, equal opportunity employer dedicated to building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment. Applications are strongly encouraged from women, minorities, individuals with disabilities and covered veterans. Dual career couples are also encouraged to apply. For further information, contact David Lederman, WVNano Interim Director at David.Lederman@mail.wvu.edu (queries only). This announcement can be made available in alternative format.

FACULTY POSITION IN CHEMICAL ENGINEERING AND MATERIALS SCIENCE
UNIVERSITY OF MINNESOTA

The Department of Chemical Engineering and Materials Science at the University of Minnesota invites applications from outstanding candidates to fill a faculty position in chemical engineering at the assistant (tenure- track, Requisition 156671), associate or full professor (tenure-track or tenured, requisition 156672) level. Applications are especially encouraged from individuals whose research emphasizes biological/biochemical engineering, biomaterials, systems biology or synthetic biology. However, all outstanding applicants will be considered. Assistant professor candidates should have a distinguished academic record, including a Ph.D. degree in Chemical Engineering or a closely related field, outstanding potential for establishing an independent research program, and a commitment to both undergraduate and graduate teaching in a highly interdisciplinary department. Associate and full professor candidates should also have several years of quality teaching and/or research experience and a proven publication record. Appointees will be expected to carry out vigorous programs of original research at a world-class level, advise graduate students, teach a broad range of undergraduate and graduate courses in the Department of Chemical Engineering and Materials Science, and participate in departmental and University governance. Information on the department, the current faculty, and the University is available at http://www.cems.umn.edu. **Please apply online via the Employment System at https:/employment.umn.edu/applicants/Central?quickFind=74178. Attach your letter of interest, a CV including a list of publications, complete contact information for three references, and a statement of teaching (attach as Additional Document 1) and research interests (Attach as Additional Document 2). Send inquiries to faculty search committee chair at fscc@cems.umn.edu.**

FACULTY POSITION IN THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING
UNIVERSITY OF CALIFORNIA, RIVERSIDE

The Department of Chemical and Environmental Engineering at the University of California at Riverside invites applications for a faculty position at the Assistant, Associate, or Full Professor levels. Applications are especially encouraged from individuals with research interest in biotechnology/biochemical engineering such as biomaterials, bioenergy, biosensors, and environmental biotechnology. Applicants 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. A doctoral degree in chemical engineering or a related field is required. Details and application materials can be found at www.engr.ucr.edu/facultysearch. The search committee will review applications beginning on 12/15/08, and will continue to receive applications until the positions are filled. EEO/AA employer.

FOREST BIOREFINERY CHAIRS

In partnership with FPInnovations (http://www.fpinnovations.ca/), the Department of Chemical and Biochemical Engineering is seeking outstanding individuals to put forward as candidates for two NSERC-Industrial Research Chairs or IRCs (one Senior Industrial Chair, one Associate Industrial Chair). Appointment is contingent upon successful award of the NSERC-IRC (http://www.nserc.gc.ca/professors_e.asp?nav=profnav&lbi=c1). These are fulltime faculty appointments. The Senior Industrial Chair will be a tenured appointment at the rank of Professor. The Associate Industrial Chair will be probationary (tenure track) appointment at the rank of Assistant or Associate Professor, dependent upon qualifications. Positions will be through the Department of Chemical and Biochemical Engineering, with affiliate membership in the Institute for Chemicals and Fuels from Alternative Resources (http://www.eng.uwo.ca/icfar/). In collaboration with FPInnovations and ICFAR, the Chair holders will build a world-class program to deliver new product pathways for forest industry installations. The Chair holders will straddle two fields: chemicals (and to a lesser degree, fuels), and the forestry sector. The Chair's areas of interest will include identifying pathways to specialty and commodity chemicals from pulp mill streams, whether lignin, hemicellulose or residual streams such as bark, sawdust, sludges and other sawmill streams. While the primary focus will be on forestry streams, the treatment of other residual streams such as municipal or agricultural residues will be of interest where these streams can be treated in parallel with forestry residues. The processes of interest will include separations and chemical processes, and/or thermo-chemical processes such as pyrolysis or gasification. Integration of novel solutions and products into existing forestry infrastructure will be key, and will be supported by researchers at FPInnovations. Ideally, each of the successful candidates will be an expert in one of the two industries involved, but will have a desire to build on existing links to the other sector, and may already have some knowledge of the other sector. While candidates from the forestry sector are welcome to apply, given the strong support available from FPInnovations staff in this area, preference may be given to candidates with a background in other areas such as catalysis, biomaterials production, and processing of natural resources. For more details feel free to contact Dr. F. Berruti, Director (General) of ICFAR at Berruti@eng.uwo.ca or visit the ICFAR web site http://www.eng.uwo.ca/icfar. FPInnovations is the world's largest privately held forestry research centre. It is a non-profit, industrial research organization. A key activity is technology transfer of research results into real world situations. Support for university work and the accelerated transfer of university results to industrial reality are cornerstones of the FP Innovations mandate. The Department of Chemical and Biochemical Engineering is one of four departments in Western Engineering (http://www.eng.uwo.ca). The Department offers a fully accredited undergraduate program (Chemical Engineering) and is presently developing a new undergraduate program in Green Process Engineering. The Department is mid-sized, currently with a planned full-time faculty complement of roughly 25. The Department

embraces interdisciplinary opportunities, and has strong connections with the Faculty of Science, the Schulich School of Medicine & Dentistry and Ivey Business School. Graduate education is likewise a priority in this research-intensive Department, offering excellent students opportunities at the M.E.Sc., Ph.D., and M.Eng. levels. Having received $5 million dollars from the Ontario Government, The Institute for Chemicals and Fuels from Alternative Resources (ICFAR) (http://www.eng.uwo.ca/icfar) is being established at The University of Western Ontario. "Environmental Research and Sustainability," including work in alternate energy and biomass conversion to bio-oil, has been identified as a signature area of strategic research importance for Western (http://www.uwo.ca/research/docs/VPR&I/StrategicPlan2008_Final.pdf). ICFAR will be based in a new research facility located only a few minutes from the main campus, housing teams led by internationally recognized experts, conducting world-class, innovative research. Close collaboration with Western's Research Park including the Sarnia Bioindustrial Innovation Centre will facilitate ICFAR mandate for industry collaborations. Applications are invited from interested and qualified individuals. We seek candidates who will have complementary experience, anticipating one IRC will have a background in the processing of forestry materials and the other in chemistry or chemical engineering, with significant expertise in chemical reaction and reactor engineering relevant to the research objectives described above. A background in catalysis, polymer synthesis and the processing of renewable resources will be considered favourably. Candidates must hold a Ph.D., or, for the Associate Industrial Chair, be close to completion. Commitment to or eligibility for registration as a Professional Engineer in Ontario is preferred for these appointments. The successful candidates will be expected to develop a vigorous and internationally competitive research program involving technology transfer opportunities, to supervise graduate and undergraduate student research, and to participate in teaching at the graduate and undergraduate levels. Undergraduate teaching will be primarily in support of the new Green Engineering program. **Candidates should submit a curriculum vitae, a research plan outlining specific interests and how they fit in the research themes listed above, a teaching dossier and must arrange for at least three letters of reference to be sent to: Dr. S. Rohani, Chair, Department of Chemical and Biochemical Engineering, The University of Western Ontario, London, Ontario, Canada N6A 5B9**. We also welcome e-mail inquiries and submissions at: rohani@eng.uwo.ca. Application end date is November 30, 2008 or until positions are filled. Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

DEPT. CHAIR, BIOMEDICAL ENGINEERING NEW JERSEY INSTITUTE OF TECHNOLOGY

The Dept. of Biomedical Engineering at New Jersey Institute of Technology (NJIT) invites applications for the position of Chair. The dept., housed within the Newark College of Engineering, offers degrees from the baccalaureate to doctorate & currently has ten tenured & tenure-track faculty, six teaching & research faculty, additional affiliated faculty from other departments & neighboring institutions, over 200 undergraduates & 200 graduate students. The undergraduate degree is fully accredited by ABET. The dept. provides an excellent scholarly environment with research programs in the areas of biomechanics, biomaterials, neural engineering, rehabilitation engineering & cell & tissue engineering. Candidates must have an earned doctorate in biomedical engineering or related field. The successful candidate will have a sound vision of the future of biomedical engineering & the ability to lead & advance a student-centered & research-oriented dept. He/she will have a demonstrated ability to work well with others, the ability to foster an atmosphere of collegiality in an environment of shared governance & an established record of excellence in biomedical engineering research, education & service sufficient to merit appointment as a tenured professor in the university. The successful candidate will be currently engaged in research & will be planning to continue as an active researcher. The new chair is expected to start in the summer or fall 2009. Consideration of applicants will begin on Dec. 1, 2008. **Applications should include a letter, current curriculum vitae & the names & addresses (incl. e-mail addresses) of at least five references. The application should also include a vision statement for research & education in biomedical engineering & the candidate's preliminary vision for the dept. To apply, visit https://njit.jobs & search under posting #0600348.** For add'l info., refer to http://biomedical.njit.edu/about. The search will continue until a successful applicant is appointed. Founded in 1881, NJIT is New Jersey's Science & Technology University with a research enterprise of over $77 mil/per yr. (incl. $36 mil in federal research funding) & is fast growing with a research expenditure of about 35% of the university's annual operating budget. With over 8,000 students, NJIT awards more than 1,800 degrees annually from the baccalaureate through PhD. Degrees are awarded in engineering, architecture, management, computing, technology, science, mathematics & the liberal arts. NJIT is an equal opportunity, affirmative action, equal access employer & especially encourages applications from under-represented groups including women & persons with disabilities.

DEPARTMENT OF PAPER ENGINEERING, CHEMICAL ENGINEERING, AND IMAGING, WESTERN MICHIGAN UNIVERSITY

The Department of Paper Engineering, Chemical Engineering, and Imaging at Western Michigan University invites applications for a tenure-track faculty position at the Assistant or Associate Professor level. Preferred area of interest is green or bioprocess engineering. Other areas may be considered. The successful candidate is expected to have a passion for teaching undergraduate and graduate courses in chemical engineering, advise graduate students, and develop an externally funded research program. The candidate must have an earned PhD in chemical or biochemical engineering or other closely related engineering field and be eligible to work in the United States. The successful applicant will be expected to start teaching in the Fall 2009 semester. Western Michigan University is a Carnegie doctoral research extensive institution serving 24,800 students at its main and branch campuses. The College of Engineering and Applied Sciences offers 17 undergraduate, 9 master's and 5 doctoral programs. **Candidates must submit their application materials via Western Michigan University's web site at: www.wmich.edu/hr/careers-at-wmu.htm. Create an account and then search for posting 0600731 and select the "view" link. Once you have viewed the posting, click "Apply for this Posting". Complete the Faculty Credential Summary and then upload your application materials.** Application materials include a curriculum vitae, a description of research plans and teaching interests, and contact information for a minimum of three references. In order to ensure full consideration, complete information must be received by December 15, 2008. Questions about this position should be sent to Dr. Peter E. Parker, search committee chair, at peter.parker@wmich.edu. Additional information is available on the College of Engineering and Applied Sciences website: http://www.wmich.edu/engineer/. WMU is an Affirmative Action/Equal Opportunity Employer consistent with applicable federal and state law. All qualified applicants are encouraged to apply.

THE CHEMICAL ENGINEERING DEPARTMENT AT LAMAR UNIVERSITY

invites applications for one or more tenure-track faculty positions at the Assistant Professor level. Lamar University is a member of Texas State University System with approximately 10,000 students, located in southeast Texas known for petrochemical and refineries. The Department awards the BS, MS, PhD and DE degrees. Applicants must have a Ph.D. in chemical engineering or a closely related discipline and a strong commitment to excellence in research and teaching. The Department currently comprises fourteen (14) faculty members with research activities in environmental air and water pollution control, fuel cell and renewable energy, polymer nanocomposites, thermodynamics, green chemistry and green engineering process, and process simulation, optimization and control. Applications will be considered from any strong candidate whose expertise fits well with existing research programs within the department. Please visit our website at http://www.lamar.edu for more information. **Interested candidates should send curriculum vitae, statement of teaching and research interests, and names and addresses of three referees to: Chair, Faculty Search Committee, Department of Chemical Engineering, Lamar University, Beaumont, TX 77710.** Review of applications will start January 1, 2009 and will continue until the position is filled. Lamar University is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF WYOMING, COLLEGE OF ENGINEERING AND APPLIED SCIENCE, CAREER OPPORTUNITY
TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

The Department of Chemical and Petroleum Engineering at The University of Wyoming invites applications for a tenure-track faculty position at the rank of Assistant or Associate Professor. The position is open for all chemical engineering research interests, including, but not limited to, bioengineering, biomaterials, polymers, nanotechnology, energy sciences, and advanced materials design or characterization. The position entails developing an externally funded research program with peer-reviewed publication activities, and teaching at both the undergraduate and graduate levels. Applicants must hold a Ph.D. in Chemical Engineering or a related field. The College of Engineering has over 90 faculty, and offers seven ABET-accredited degree programs. The Department has 14 research-active faculty members and an enrollment of over 240 undergraduate and 50 graduate students. The Chemical Engineering program at the University of Wyoming (UW) is a dynamic and growing entity that benefits from the resources provided by the NIH IMBRE program, a health-infrastructure building program; the University's newly established School of Energy Resources (SER), which substantially helps to facilitate energy-related research and education at the University; and, membership in the North central States Nanotechnology Consortium. UW is a thriving research university located in Laramie, Wyoming (pop. 28,000), 130 miles northwest of Denver. Laramie is a picturesque and friendly town offering a reasonable cost of living and easy access to outdoor activities in the Rocky Mountain region. Additional information on the Department, College, SER, and Laramie is available at: http://www.eng.uwyo.edu/chemical, http://www.eng.uwyo.edu/, http://www.uwyo.edu, http://uwacadweb.uwyo.edu/SER/, http://eori.uwyo.edu/, and http://www.laramie.org. **Applicants must provide a letter of application, a curriculum vitae, a brief discussion of research goals and teaching philosophy, and a minimum of three reference contacts. Send complete applications electronically to Ms. Heather Warren, HWarren@uwyo.edu.** Screening of applications will begin December 1, 2008 and continue until the position is filled. The university adheres to the principles of affirmative action and welcomes applications from qualified individuals, independent of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation or political belief. We welcome applications from underrepresented groups, including women and people of color.

POST-DOCTORAL FELLOW: ALGAL-BASED FUELS
DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF TULSA

The position is funded by a startup biotechnology company headquartered in California, focusing on the catalytic conversion of algal oils to fuels. The successful applicant will support the process by providing engineering support for design of catalytic reactors, bioreactors, and process modeling. The position will begin in January 2009. Minimum qualifications include a Ph.D. in chemical or biochemical engineering, or closely related field. Required qualifications are laboratory experience with analytical instrumentation, experience with designing and construction of catalytic reactors, and excellent communication skills. **Contact Dr. Daniel Crunkleton (daniel-crunkleton@utulsa.edu), Department of Chemical Engineering, 800 South Tucker Drive, Tulsa, OK 74104.** Under-represented minorities and women are especially encouraged to apply. The University of Tulsa is an Equal Employment Opportunity/Affirmative Action employer.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT TEXAS TECH UNIVERSITY invites applications for a tenure/tenure track position at the assistant or associate professor level. The position is in the area of Engineering of Living Systems. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field. At least one of the applicant's degrees must be in chemical engineering. In addition, applicants must have at least 2 years of post-doctoral research experience. Candidates with expertise in research areas such as bioprocess engineering (bioreaction engineering and bioseparations), cellular engineering, biomedical engineering, and metabolic engineering are especially encouraged to apply. The Department has $2.5 million in annual research expenditures, in four focus areas: Bioengineering and Biotechnology; Polymers, Material Science, and Rheology; Process Control and Optimization; and Computational Methods in Chemical Engineering. The College of Engineering has approximately 3,000 undergraduate students and 600 graduate students, with a faculty of over 125 members in eight departments. The research environment at Texas Tech features opportunities to collaborate with other engineering disciplines, a strong Department of Biological Sciences, and a new $37 million Experimental Sciences Building (ESB) to host interdisciplinary research. The ESB houses core facilities for Biotechnology and Genomics, Imaging, and Bioinformatics, as well as Plant Growth Chambers, and an animal care facility. The Chemical Engineering Department will also have significant research space in the $10 million renovated Livermore Building, a project to be completed in 2009. The TTU Health Sciences Center, adjacent to the TTU general academic campus, likewise offers collaborative opportunities for biomedical research. Successful candidates will be expected to develop an independent research program, to teach existing graduate and undergraduate courses in chemical and bioengineering, and to develop new courses. **Applicants should apply online at http://jobs.texastech.edu, using position number 75214. Please include a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references.** Review of applications will begin on November 1, 2008; and applications will be accepted until the position is filled. Candidates must be currently eligible to work in the United States. Texas Tech University is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

UNIVERSITY OF HOUSTON, DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING, FACULTY POSITION

The Chemical and Biomolecular Engineering Department at the University of Houston seeks faculty candidates with exceptional promise for effective teaching and pioneering research. Although the research field is open, we are especially interested in candidates specializing in biomolecular, materials and energy. Candidates at all ranks will be considered. Candidates at the Professor level must have demonstrated records of scholarship. Appointment to our faculty requires a PhD in Chemical Engineering or a related field. **Please send a curriculum vitae, detailed description of research interests, your e-mail address, and names and e-mail addresses of at least three references to: Chemical and Biomolecular Engineering Dept., Faculty Search Committee, Engineering Bldg. 1, Rm. S-222, University of Houston, Houston, TX 77204-4004**. The University of Houston is an Equal Opportunity/Affirmative Action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply. http://www.che.uh.edu

UNIVERSITY OF HOUSTON, DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING, SENIOR FACULTY POSITION

The Chemical and Biomolecular Engineering Department at the University of Houston seeks tenured or a tenure-track faculty candidate with exceptional promise for effective teaching and pioneering research. Although the research field is open, we are especially interested in candidates specializing in biomolecular, materials and energy. Candidates at the Professor level must have demonstrated records of scholarship. Appointment to our faculty requires a PhD in Chemical Engineering or a related field. **Please send a curriculum vitae, detailed description of research interests, your e-mail address, and names and e-mail addresses of at least three references to: Chemical and Biomolecular Engineering Dept., Faculty Search Committee, Engineering Bldg. 1, Rm. S-222, University of Houston, Houston, TX 77204-4004.** The University of Houston is an Equal Opportunity/Affirmative Action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply. http://www.che.uh.edu

VISITING FACULTY POSITION AT SYRACUSE UNIVERSITY.

The Department of Biomedical and Chemical Engineering seeks applications for a visiting, non-tenure track appointment to teach the process design course for chemical engineering seniors in the spring semester 2009. An M.S. or Ph.D. (preferred) in engineering and experience with computer-aided design software are required. Industrial experience in process design is highly desirable. The successful applicant will have the option of teaching a second course at the undergraduate or graduate level. Salary will be commensurate with experience and course load. **For full consideration candidates must complete a brief online application, including submission of a CV, at www.sujobopps.com. Three letters of reference should also be mailed to: Dr. John C. Heydweiller, Search Chair, Department of Biomedical and Chemical Engineering, 121 Link Hall, Syracuse University, Syracuse, NY 13244 by December 1, 2008.** Syracuse University is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply.