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POSITIONS AVAILABLE

DIRECTOR OF ENGINEERING, SENIOR PRINCIPAL CHEMICAL/MECHANICAL ENGINEER, EMISSION CONTROL SYSTEMS

Advanced pollution control systems for chemical power plants. **Neumannsystemsgroup.com**. Location: Colorado Springs, Colorado.

MICROBIA PRECISION ENGINEERING SENIOR PROCESS DEVELOPMENT ENGINEER:

Microbia Precision Engineering, Inc. has an opening for a Senior Process Development Engineer to participate in the development of manufacturing processes for the production and purification of specialty chemicals produced by microbial fermentation. This is a "hands on" position in the Process Development group and will work closely with members of the Fermentation Development and Analytical Chemistry groups. Duties & Responsibilities: Design, perform, and analyze laboratory and pilot scale experiments for the optimization and development of biochemical production processes; operate purification pilot plant equipment such as centrifuges, homogenizers, liquid/solvent extractors, ultra-filtration systems; optimize purification unit operation steps for use in manufacturing scale production processes; operate pilot scale fermentors and cell harvest equipment; responsible for maintenance of pilot plant equipment. Desired Qualifications: BS, MS or PhD degree chemical or biochemical engineering and minimum five years of industrial experience in chemical purification unit operation process development; strong technical and mechanical aptitude and ability to work hands on in biochemical process development pilot plant; previous experience with isolating and purifying biologically produced chemicals highly desirable; excellent written and oral communication skills; ability to work independently and as part of a team. **To apply send resume and cover letter with a subject of JOB CODE MPEDDPDE to job.ddpde@microbia-pe.com or mail to: Attn: Human Resources, 60 Westview St., Lexington, MA 02421.** For more information visit <http://microbia-pe.com/>.

CHEMICAL ENGINEER II, SAN DIEGO, CALIFORNIA

Sapphire Energy is a venture capital backed company developing next generation biofuels based on recent advances in metabolic engineering. The company's focus is the commercialization of high performance, low cost, and low carbon biofuels that will substitute for conventional gasoline, diesel, and jet fuel. The company is expanding rapidly. Job Description: Sapphire Energy seeks a Chemical Engineer with experience in process design, process development and/or R&D to develop chemical processes for the conversion of Sapphire's proprietary feedstock into fuel oil and byproducts. This position will reside in the bioprocessing group in an R&D and/or pilot plant setting. While Sapphire main focus is developing biofuels technology, your experience could come from other industries such as oil and gas, chemicals, food, etc. Requirements: Minimum of a Bachelor's degree in Chemical Engineering with at least 4 years industrial experience. Hands on experience in process development and R&D. Ability to interact with commercial functions to facilitate new product development. Candidate will play an integral role in the development, enhancement, and implementation of process design configurations. Ability to function well individually as well as

part of a multi-discipline project team, strong communication both oral and written and organizational skills. Essential functions: Provide engineering support and conduct R&D activities; pilot plant design; developing and maintaining an understanding of competing and parallel technologies. Industrial experience in any of the following areas will be a plus: Vegetable oil extraction or refining; spray dryer, spin flash dryer, flash dryers; centrifuges, extruders, expellers, expanders, pelletizing; solvent extraction equipment, desolventizing, oil bleaching, degumming, distillation; lipids; esterification, hydrolysis; analytical or organic chemistry with fats, oils and derivatives; basic understanding of molecular biology and biochemistry concepts; demonstrated ability to flourish in a start-up environment. Biofuels is an industry experiencing explosive growth at the moment. This position is in a stimulating environment in an industry that will be of increasing importance in coming years. Sapphire offers very competitive compensation packages (including bonuses and equity) and an attractive benefits package (health, dental, vision insurance, 401k, and paid time off). **To apply, please send your CV and cover letter to human.resources@sapphirefuel.com.**

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- Becancour, Canada

NATIONWIDE PROCESS SAFETY CONSULTING POSITIONS ACUTECH CONSULTING GROUP

The AcuTech Consulting Group is a highly successful and rapidly growing process safety and security risk management company, with offices in Alexandria, VA (headquarters), Houston, Princeton, and Oakland. As a global company providing consulting, training and technologies to the public and private sectors, our mission is to identify, evaluate and manage risks in order to continually improve safety, security, health, environmental, and operational performance. AcuTech is presently engaged in major safety, risk, and homeland security projects in the following industries: oil and gas production & transportation (marine, offshore, onshore, pipeline, terminals), LNG, petroleum refining, petrochemicals, and other process industries. To meet our current project demands and our growth plans, we are looking to fill several positions in all of our locations. We are seeking individuals with the following qualifications: BS or higher in engineering (chemical, civil, mechanical, safety) or other technical degree from an accredited college/university; 7 – 15 years of relevant PSM experience such as, health, safety and environment (HSE) related experience in process or engineering design environment, manufacturing operations, and/or consulting environment; experience in developing, implementing, or managing process safety/risk management programs, i.e., OSHA PSM, EPA RMP, or state/local equivalent programs; experience in developing, writing, implementing or evaluating HSE plans, procedures, design philosophies, design bases, engineering specifications, standard operating procedures; experience in performing process hazard analyses (PHA), and risk assessments, or related studies, such as HAZID, What-If, HAZOP, FMEA, fault tree/event tree analysis, fire and explosion modeling, safety integrity level (SIL) assessment, level of protection analysis (LOPA), etc; ability to develop consulting business, including developing proposals and making presentations; self-motivated, strong leadership and organizational skills; strong verbal and written communication skills, interper-

sonal skills, and ability to interface at all levels; strong analytical, problem-solving, and facilitation skills and a consultative approach in supporting customer projects. These positions offer an excellent opportunity for personal and professional growth. AcuTech provides a competitive package of benefits including stock ownership opportunities. Salary is based on experience and qualifications. **Please email resume, salary history and preferred office location to our recruiting manager at recruiting@acutech-consulting.com**

PROCESS MODELERS AND CONSULTANTS

Process Systems Enterprise Inc. (PSE Inc.; a wholly-owned subsidiary of PSE Ltd, London) is a growing engineering software and consulting company based in Cedar Knolls, NJ. PSE is a world leader in dynamic and steady-state Advanced Process Modeling for Model-Based Innovation of complex processes, equipment and products. PSE is seeking to employ additional modeling experts, to be based in the New Jersey or London office, to support its rapidly growing consulting and software businesses. PSE offers a range of positions for modeling experts that involve execution of Consulting projects for client companies using gPROMS®, devising and running user training and workshop sessions, further development of PSE's Advanced Model Libraries, leading customer software evaluations, and general sales and marketing support. Suitable candidates would have, as a minimum, a relevant PhD or 3 years industrial experience + MS in Chemical, Biochemical, Pharmaceutical or Mechanical Engineering. Also required are first-principles modeling experience, expertise in chemical engineering (preferably both from a modeling and experimental perspective), experience with gPROMS®, ACM®, Dymola® or another equation-oriented modeling tool, and excellent oral and written communication skills. PSE is an equal employment opportunity employer and competitive in salary and benefits. **Please submit resume and cover letter (required) to jobs@pseenterprise.com.**



Carnegie Mellon ENGINEERING

Carnegie Mellon University

Chemical Engineering Tenure-track Faculty Positions

The Department of Chemical Engineering at Carnegie Mellon is seeking applicants for one or two tenure-track faculty positions preferably at, but not restricted to, the Assistant Professor level. We seek outstanding candidates who are committed to excellence in education and research. Candidates must hold a Ph.D. degree in Chemical Engineering or a related discipline. Candidates with clearly articulated interests in policy will be considered for a 50/50 joint appointment with the Department of Engineering and Public Policy. Applicants should submit a CV, statement of research and teaching interests, and the names of three references to: Dr. Dennis Prieve, Chemical Engineering Department, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890. E-mail: dcprieve@cmu.edu. We would appreciate receiving your application electronically (as a PDF file) and by November 1, 2008. Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer.

For more information, see <http://www.cheme.cmu.edu>

TECHNIP USA, INC.

Our Los Angeles regional office has immediate needs for professionals with experience in the petroleum refining, petrochemicals and gas processing industries. **SENIOR PROCESS ENGINEER, Ethylene:** 10+ yrs exp in petrochemical industry with exp in Ethylene OR Refinery processess. Pref'd candidates will have exp. in process design, equipment selection & extensive knowledge of P&ID's, process controls & relief systems. Knowledge of ethylene processes is a plus but not required. BS Chem Eng. **PROCESS ENGINEER, Ethylene:** 10+ yrs exp in petrochemical industry with exp in Ethylene OR Refinery processess. Pref'd candidates will have exp. in process design, equipment selection & extensive knowledge of P&ID's, process controls & relief systems. Knowledge of ethylene processes is a plus but not required. BS Chem Eng. **Send resumes to:** Attn: HR 555 W. Arrow Highway, Claremont, CA 91711; caresumes@technip.com.

ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY invites applications and nominations for a tenure-track faculty position at the Assistant Professor level for Fall 2009. Exceptional candidates will be considered for appointment at the Associate or Full Professor rank. Candidates are expected to contribute to one of three research focus areas: biomolecular engineering, nanotechnology, and energy and the environment. A Ph.D. with a distinguished academic record is required. Responsibilities include teaching undergraduate and graduate courses and leading an externally funded, scholarly research program. Ranked in the top 20 nationally, Vanderbilt University is located on 330 park-like acres one and one-half miles from downtown Nashville. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Faculty share a commitment to excellence in teaching at all levels. Interdisciplinary research opportunities exist with faculty in many other departments within the School of Engineering, the College of Arts and Science, and the School of Medicine. **Interested persons should send their curriculum vitae, a statement of research and teaching interests, and names and addresses of three or more references to Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Vanderbilt University, VU Station B 351604, 2301 Vanderbilt Place, Nashville, TN 37235-1604 or email kenneth.a.debelak@vanderbilt.edu.** Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

Imperial College London



King Abdullah University of Science and Technology (KAUST)

Faculty Openings in Chemical 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 Engineering including areas such as:

- Catalysis
- Complex fluids
- Energy engineering
- Fluid mechanics
- Membranes
- Molecular modelling and thermodynamics
- Process systems engineering
- Reaction engineering
- Separations 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 Engineering. Nevertheless, KAUST is particularly interested in applicants whose research has applications in the fields of water desalination, clean combustion and catalysis.

An earned PhD. in Chemical Engineering or a related science or engineering discipline, evidence of the ability to pursue a programme 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 College London. 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 College London staff and may occasionally teach courses.

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

Valuing diversity and committed to equal opportunities

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

Applications and nominations are invited for a tenure-track position at the assistant professor level in the broad area of biomolecular engineering, including subspecialties such as protein design and engineering, cellular and metabolic engineering, nanobiotechnology, systems biology, and synthetic biology. Individuals with outstanding academic records who are dedicated to excellence in research and education are encouraged to apply. This position will augment recent faculty expansion in this area. Abundant opportunities for extra-departmental collaboration include the UT Medical Center, the Department of Biochemistry, Cell, and Molecular Biology, the Department of Microbiology, the Joint Institute for Biological Sciences shared by UT and Oak Ridge National Laboratory (ORNL), and the UT-ORNL Genome Sciences and Technology Program. Applicants must have or expect to have shortly the Ph.D. degree in chemical engineering or a related discipline and must show potential to develop an outstanding research program. Successful applicants will direct graduate Ph.D. and M.S. students in their dissertation and thesis research, teach undergraduate and graduate chemical and biomolecular engineering courses, participate in departmental efforts to provide a high quality education for our students, and facilitate intra- and interdepartmental collaborative research efforts. **Interested individuals should submit a letter of application including a statement of research and teaching interests and plans, current resume, copies of up to three pertinent publications, and names and contact information of at least three references to chefacultysearch@utk.edu (electronic submissions are highly encouraged) or to Dr. Eric Boder, Faculty Search Committee Chair, Department of Chemical and Biomolecular Engineering, 419 Dougherty Engineering, University of Tennessee, Knoxville, TN 37996-2200.** Review of applications will begin on November 15, 2008 and continue until the position is filled. The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its edu-

cation and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status.

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.

TENURE TRACK POSITIONS IN CHEMICAL ENGINEERING



UNIVERSITY OF
SOUTH CAROLINA

The Department of Chemical Engineering at the University of South Carolina seeks to hire several tenure-track faculty members. Outstanding candidates in any field of chemical engineering are encouraged to apply. Our strategic core areas include electrochemical engineering, biomedical and biological engineering, computational chemical engineering at all scales, and catalysis. Successful candidates will demonstrate the ability to develop and conduct independent, leading-edge research that augments and complements existing departmental expertise.

Applicants must submit a letter of application, a vita, statements of both research and teaching interests, names of three references, and copies of selected publications to the Chair of the Chemical Engineering Search Committee, Department of Chemical Engineering, University of South Carolina, Columbia SC 29208. Applications may also be submitted electronically to ChemEngSearch@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.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT CLARKSON UNIVERSITY

invites applications for a tenure-track faculty position. The search is aimed at entry-level candidates at the Assistant Professor level, but exceptionally qualified applicants may be considered for more senior appointments. The Department seeks individuals with an outstanding academic record and a demonstrated commitment to excellence in undergraduate and graduate education, and who are capable of establishing a strong international research reputation. Applicants should possess a Ph.D. in Chemical Engineering or a closely related field. The Department is interested in candidates with research expertise in one of Clarkson's research focus areas: Environment and Energy, Bioscience and Bioengineering, and Advanced Materials. The successful candidate can find opportunities to work closely with Clarkson's Center for Rehabilitation Engineering Science and Technology (CREST), Clarkson's New York State supported Center for Advanced Materials Processing (CAMP), Clarkson's Center for Air Resources Engineering and Science (CARES) or Clarkson's Center for the Environment. These centers provide significant facilities in support of faculty research. The successful candidate is also expected to teach undergraduate and graduate chemical engineering courses. The department has a substantial undergraduate program and a strong graduate program, and is fully committed to supporting new faculty in their efforts to establish a

strong research program. Review of applications will begin November 1, 2008 and will continue until the position is filled. **Please submit a letter of application, resume, a statement of research plans, a statement of teaching interests, a set of representative publications and a list of four references to: Ruth E. Baltus, Chair, Department of Chemical and Biomolecular Engineering, Clarkson University, Potsdam, NY 13699-5705.** Women and members of under-represented groups are strongly encouraged to apply. Position #110-07.

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 fsc@cems.umn.edu.**

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.

FACULTY POSITION IN POLYMERS AND BIOPOLYMERS UNIVERSITY OF SOUTHERN CALIFORNIA

The Mork Family Department of Chemical Engineering and Materials Science at the USC Viterbi School of Engineering is interested in recruiting faculty at all levels. Candidates with expertise in the fields of polymer/ biopolymer science and engineering are particularly encouraged to apply. Preference will also be given to candidates who will help advance the university and school initiatives, including the initiatives on biomedical nanosciences and energy. **Qualified applicants should contact Professor Theodore Tsotsis, by phone at 213-740-2227 or by e-mail at tsotsis@usc.edu.** USC is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women and members of underrepresented groups.



THE OHIO STATE UNIVERSITY, DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING invites applications for tenure-track faculty positions created through the University's academic enrichment and Targeted Investment in Excellence programs. We are seeking highly qualified candidates with a Ph.D. degree in Chemical Engineering or allied field, a record of outstanding research accomplishments, and a commitment to teaching excellence. All research areas will be considered, although special consideration will be given to applicants with interdisciplinary research experience in the following areas: **Reaction Engineering** with energy-related research interests in fuel cells, catalysis, process control and design, particle technology, reactive system computation, and/or coal science and engineering. Collaborative research opportunities exist in the new Center for Energy, Sustainability and the Environment at OSU. **Biomolecular Engineering** with systems-biology research interests in the dynamics of biological systems. Collaborative research opportunities exist in the Center for Cell Engineering and the Mathematical Biosciences Institute and Biomedical Informatics at OSU.

Applicants should submit a letter expressing interest, a detailed curriculum vitae, names and addresses of 3-5 references, and a statement of teaching and research interests to: **Sherry Stoneman**, Assistant to the Chair, Department of Chemical & Biomolecular Engineering, The Ohio State University, 140 W. 19th Avenue, OH 43210-1180. **Email:** stoneman@chbmeng.ohio-state.edu, **Phone:** 614-292-7907, **Fax:** 614-292-3769. Electronic applications are encouraged to facilitate a fast-track review by the Search Committee. The search will remain open until the positions are filled. The Ohio State University is an Equal opportunity/Affirmative Action Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

FACULTY POSITIONS, THE SIBLEY SCHOOL OF MECHANICAL AND AEROSPACE ENGINEERING, CORNELL UNIVERSITY.

The Sibley School of Mechanical and Aerospace Engineering at Cornell University, Ithaca, New York invites applications for multiple tenure-track faculty positions in all areas of the department, including: aerospace engineering; biomechanics; dynamics, systems and controls; fluid mechanics and heat transfer; and materials engineering. Applicants must hold a doctorate in an appropriate field, must have demonstrated an ability to conduct outstanding research, and must show promise for leadership in the field and excellent teaching. Applicants at all levels (Assistant Professor, Associate Professor and Professor) are encouraged to apply; salary and rank are commensurate with qualifications and experience. We seek outstanding individuals engaged in theoretical, computational and/or experimental research in areas of relevance to mechanical or aerospace engineering. Areas that will receive special consideration this year include: energy systems; structures and materials; MEMS; biomechanics; thermal systems; and turbulence. Current research in the school has a strong emphasis on interdisciplinary problems that extend beyond group and even department boundaries, with clear ties to significant mechanical or aerospace applications. Cornell faculty members have the opportunity to collaborate with a number of university programs across the campus. The Sibley School, and the College of Engineering at Cornell embrace diversity and seek candidates who will foster a climate that attracts students of all races, nationalities and genders. We strongly encourage women and underrepresented minorities to apply. **Please submit an application online, at <https://fast.mae.cornell.edu/>.** All applications received by November 30, 2008 will receive full consideration this academic year. Applications will be evaluated on an ongoing basis until all positions are filled. Cornell University is an equal opportunity, affirmative action educator and employer.



AUS

American University of Sharjah

College of Engineering

FACULTY OPENINGS Department of Chemical Engineering

ABET accredited programs

The Department of Chemical Engineering at American University of Sharjah (AUS) invites applicants of all ranks for full-time faculty positions, beginning August 2009. Research interests in the area of catalysis, process control and polymers are preferred, although all areas will be considered. Strong preference is given to candidates with degrees (BS, MS, PhD) from a western-style university that is ABET (or equivalent) accredited. Teaching experience in an American model of higher education and work experience in North American industry are highly desirable. English is the language of instruction at AUS. Applicants should send CVs to the Chemical Engineering Search Committee: soeche@aus.edu.

Located in the United Arab Emirates, AUS is licensed in the United States by the Department of Education of the State of Delaware. It is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools. The undergraduate programs in the College of Engineering are all fully accredited by ABET. These programs include chemical, civil, computer, electrical and mechanical engineering, and computer science. For more information, visit www.aus.edu.

ROSE-HULMAN INSTITUTE OF TECHNOLOGY, DEPARTMENT OF CHEMICAL ENGINEERING

Interested in teaching? The department invites applications for a tenure-track position at any rank, commensurate with qualifications, with a targeted start date of August 2009. The department seeks an exceptional educator and scholar with a promise of excellence in teaching, a strong desire for student interaction in and out of the classroom, and a commitment to technical and professional growth. While all areas will be considered, we are particularly interested in individuals who can grow our biochemical engineering program. A PhD in Chemical Engineering or a related field is required. Industrial and teaching experience is highly desirable. **Applicants should submit (1) a cover letter, (2) a curriculum vitae, (3) a statement of teaching philosophy and teaching interests, (4) a statement of plans for professional development, and (5) contact information for at least three references at <https://jobs.rose-hulman.edu>. For additional inquiries, please contact Dr. Mark Anklam at mark.r.anklam@rose-hulman.edu.** Information about Rose-Hulman can be found at <http://www.rose-hulman.edu>. Applications will be accepted until the position is filled; however, applications received by October 20, 2008 will receive full consideration. EEO/AA.

FACULTY POSITIONS IN CHEMICAL ENGINEERING PRINCETON UNIVERSITY

The Department of Chemical Engineering seeks outstanding applicants for tenure-track positions at the Assistant Professor level, effective as early as July 1, 2009. The search is open to candidates in any area of Chemical Engineering, including those specializing in energy and sustainability, and in bioengineering. The successful candidates should have a Ph.D. in Chemical Engineering or related field, demonstrated excellence in academic research, and a strong commitment to teaching and advising undergraduate and graduate students. **Candidates must complete a required online faculty application at <https://jobs.princeton.edu>; curriculum vitae, detailed descriptions of teaching and research interests, reprints of selected publications, and the names and addresses of at least three references may be attached as .pdf documents to the on-line application, or sent to Faculty Search Committee, Department of Chemical Engineering, Princeton University, Princeton, NJ 08544-5263.** Applicants are encouraged to apply before December 1, 2008. For additional information on applying for positions at Princeton University, please link to http://www.princeton.edu/dof/about_us/dof_job_openings/. Princeton University is an Equal Opportunity Employer and complies with applicable EEO and affirmative action regulations.

THE PENNSYLVANIA STATE UNIVERSITY FACULTY POSITIONS, ASSISTANT PROFESSOR OF BIOENGINEERING

The Pennsylvania State University invites applications for tenure-track positions in the Department of Bioengineering at its University Park campus. Applicants are expected to have a Ph.D. and post-doctoral training in bio/biomedical engineering, chemical or electrical engineering, biophysics, or a related discipline. The department has a 30 year history and research strengths in cardiovascular bioengineering, cell and molecular biomechanics, biophotonics, biomaterials, neural engineering and biomedical imaging. For more details, visit <http://bioeng.psu.edu>. Outstanding candidates in all areas of bioengineering will be considered, however, preference will be given to candidates with expertise in biomaterials, tissue engineering, neural engineering, or medical imaging. Candidates are expected to attract extramural funding and contribute to departmental teaching at the undergraduate and graduate levels. Teaching abilities in the areas of physiological systems analysis, bioinstrumentation, transport phenomena, reaction kinetics, drug delivery, cellular signaling, or mechanobiology is desirable. In addition to departmental resources, additional facilities and potential collaborations exist at Penn State in the Huck Institute for Life Sciences, the Materials Research Institute, and Hershey Medical School. **Send curriculum vitae, statement of research and teaching objectives, three reprints, and names of three references to Dr. Herbert H. Lipowsky, Professor and Head, Department of Bioengineering, The Pennsylvania State University, 205 Hallowell Building, University Park, PA 16802, or e-mail to: hhlbio@engr.psu.edu.** Penn State is committed to affirmative action, equal opportunity and the diversity of its work force.

ASSISTANT OR ASSOCIATE CHEMICAL ENGINEERING FACULTY POSITION

The Department of Chemical and Biological Engineering (CBE) at the South Dakota School of Mines and Technology invites applications for a tenure-track faculty position at the Assistant or Associate Professor rank. Preference is given to candidates with experience in the following areas, but exceptional candidates in other areas will also be considered: Bioprocessing (metabolic/genetic engineering, fluid dynamics, biocatalysis, etc); Polymer Engineering (bio-polymers, polymer processing, etc); or Emerging Energy Technologies (e.g., biofuels, fuel cells, etc.). This new position will enhance our growing emphasis in bioprocessing of solid to liquid fuels and chemical feedstocks and/or complement other strength areas in the department. A Ph.D. in Chemical Engineering or a related discipline is required with a commitment to excellence in teaching graduate and undergraduate courses and in conducting research. The successful applicant will participate in a new Ph.D. program in Chemical and Biological Engineering. The desired starting date is January 2009. **For complete information and to apply visit <http://sdsmine.sdsmt.edu/sdsmt/employment>.** Applications are being reviewed and will continue until the position is filled. For more information on Rapid City and the university, visit www.rapidcity.com and www.sdsmt.edu. SDSMT is an EEO/AA/ADA employer and provider.

ENDOWED CHAIR PROFESSOR/FULL PROFESSOR/ASSOCIATE PROFESSOR/ASSISTANT PROFESSOR POSITIONS IN SUSTAINABLE ENERGY: FUEL CELLS, ENERGY CONVERSION AND STORAGE, ALTERNATIVE ENERGY AND FUELS, POWER AND ENERGY HARVESTING

The School of Engineering at the University of Connecticut (UConn) invites applications and/or nominations for multiple faculty positions that will form the core of an interdisciplinary, integrated team working in the strategic areas of sustainable energy with emphasis on fuel cells, energy conversion and storage, alternative energy and fuels, power and energy harvesting. The team will comprise qualified faculty at all ranks: Endowed Chair Professors, Full Professors, Associate Professors and Assistant Professors. Applicants must have a Ph.D. in engineering or a related physical science discipline, as well as a demonstrated record of research in sustainable energies and related technologies. It is expected this scholarly record will be outstanding and commensurate with rank. Academic appointment will be aligned with one of the School's five departments. Qualified candidates may be considered for tenured positions. A number of endowed chair positions are available at the rank of Full Professor; qualified candidates will be considered for these positions. This sustainable energy team will conduct visionary research, education and outreach related to a new Eminent Faculty Initiative in Sustainable Energy established at UConn. Research and related activities will primarily be centered within the School of Engineering's Connecticut Global Fuel Cell Center, a research hub that will coordinate the sustainable energy initiative. The UConn School of Engineering has enrollments of 1,800 undergraduate and 475 graduate students. Among the 115 faculty members are two members of the National Academy of Engineering, one member of the National Academy of Sciences, 18 chief editors and 50 associate editors and editorial board members of prestigious technical journals, as well as 45 Fellows of professional societies. The School has 10 Endowed Chairs and Named Professorships. Faculty members have also garnered 30 national Young Investigator awards. UConn is in the midst of a 20-year, \$2.3 billion initiative to enhance the research and teaching infrastructure, and is consistently rated (i.e., *U.S. News* - America's Best Colleges) as the top public university in New England. Connecticut is home to 26 Fortune 500 companies and the School of Engineering has developed strong research and educational partnerships with leading firms such as United Technologies, Electric Boat, FuelCell Energy, GE, Northeast Utilities and Stanley Works, among others. **Applications or nominations, including curriculum vitae and names and contact information of five references, should be sent to: Chair, Eminent Faculty Search Committee, Office of the Dean, School of Engineering, 261 Glenbrook Road, Storrs, CT 06269-2237. Electronic submission in .pdf format is encouraged. All communications are to be sent to efsc@engr.uconn.edu.** Review of applications will begin immediately, and will continue until the positions are filled. We encourage applications from

under represented groups, including minorities, women, and people with disabilities. The University of Connecticut is an Equal Opportunity, Affirmative Action employer. www.engr.uconn.edu.

ASSISTANT PROFESSOR CHEMICAL ENGINEER FOCUSING ON ENVIRONMENTAL ISSUES

The Center for Environmental Sciences and Engineering (CESE) and the Chemical Engineering Program of the Department of Chemical, Materials and Biomolecular Engineering at the University of Connecticut invite applications for a tenure-track position in chemical engineering with a focus on environmental research. Research in the areas of air and water pollution, bioenergy or green engineering are especially of interest. Qualified candidates will be considered at the rank of Assistant Professor. The successful candidate will have a Ph.D. in chemical engineering or a closely-related field, and is expected to establish and maintain vigorous independent research programs in environmental science and engineering, collaborate in multidisciplinary environmental research initiatives, and teach at the undergraduate and graduate levels in the Chemical Engineering Program. Salary will be commensurate with qualifications. Candidates should submit a cover letter, a curriculum vitae, a description of research plans of less than five pages, a one-page teaching statement and arrange for three letters of recommendation to be sent. Preferred submission format is a single PDF file in the order listed above. **Send this file to: leah@engr.uconn.edu.** Materials may also be submitted via mail to: CESE/CHEG Faculty Search, Chemical, Materials and Biomolecular Engineering, University of Connecticut, 191 Auditorium Road, Unit 3222, Storrs, CT 06269-3222. Please reference search # 2008214 in your cover letter and, for electronic submission, in the file name. Review of applications will start on October 1, 2008 and continue until the position is filled. In keeping with our commitment to build a culturally diverse community, the University of Connecticut invites applications from women, people with disabilities and members of minority groups.



One of the oldest institutions of higher education in this country, the University of Delaware today combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. The University of Delaware is a Land-Grant, Sea-Grant, Urban-Grant and Space-Grant institution with its main campus in Newark, DE, located halfway between Washington, DC and New York City. Please visit our website at www.udel.edu.

Assistant/Associate Professor(s) Chemical Engineering

The Department of Chemical Engineering at the University of Delaware invites applications for two tenure-track faculty positions. We anticipate making one appointment at the Assistant Professor level and one at the Associate Professor level.

REQUIREMENTS: Ph.D. or equivalent in chemical engineering or a related field. Applicants for the Associate Professor position are expected to have a commensurate record of accomplishments. **DUTIES:** Lead vigorous research programs, teach, and advise students at both the undergraduate and graduate levels. Applications in all research areas will be considered, with emphasis on candidates with expertise in energy science and engineering. Our department (www.che.udel.edu) is consistently ranked among the ten leading chemical engineering departments nationwide. Current energy research in the department includes novel materials for fuel cells, hydrogen generation and storage, materials and fuels from biomass, photovoltaics, and environmental catalysis.

CONTACT: Please send curriculum vitae, a description of research and teaching interests, and the names, addresses, telephone numbers and email addresses of three references in PDF format to Professor Jingguang Chen, Search Committee Chairperson, at che-faculty-search@udel.edu; or mail to Professor Jingguang Chen, Search Committee Chairperson, Department of Chemical Engineering, University of Delaware, Newark, DE 19716-3110. PDF submissions are strongly encouraged. The committee will commence review of applications on November 15, 2008. The curriculum vitae and letters of reference shall be shared with departmental faculty.

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

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 under-represented groups are strongly encouraged to apply.

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 DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING NORTH CAROLINA STATE UNIVERSITY

The Department of Chemical and Biomolecular Engineering at North Carolina State University seeks highly qualified candidates for tenure-track faculty positions in chemical engineering. We will consider candidates who possess a Ph.D. (or equivalent) degree in chemical engineering or related discipline. Candidates for tenure-track Assistant Professor positions with research interests in energy sciences, environment/sustainability, nanoscience and nanotechnology, and biomolecular engineering are particularly encouraged to apply. Top priority is given to candidates who demonstrate excellence in scholarship, independent of research field or academic level. Successful candidates are expected to establish vigorous research programs of international reputation, teach undergraduate and graduate chemical engineering courses, and contribute to other departmental, college and university activities. Applicants at the Associate and Full Professor level will also be considered. NC State is an EOE/AA employer. In addition, NC State University welcomes all persons without regard to sexual orientation. **Please apply by visiting the website <http://jobs.ncsu.edu> and searching by position 04-27-0816.** For further information you may contact Professor Jan Genzer (Jan_Genzer@ncsu.edu; +1-919-515-2069) or Faculty Search Chair, P.O. Box 7905, North Carolina State University, Raleigh NC 27695-7905. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-3148.

THE UNIVERSITY OF TOLEDO, COLLEGE OF ENGINEERING TENURE TRACK FACULTY POSITIONS IN CHEMICAL ENGINEERING

The College of Engineering at the University of Toledo invites applications for two tenure-track positions in Chemical Engineering. Exceptionally qualified candidates with a record of sustained scholarship and funding will be considered for tenure at the rank of associate or full professor. The primary area of interest is energy and sustainability. One position will focus on bio-renewable resources and bio-based materials. Applicants must have an earned doctorate in Chemical Engineering or a closely related field. Candidates in the final stages of completing their doctoral programs also will be considered. **For more information and to apply, please visit <http://www.che.utoledo.edu/applicants>.** Questions may be addressed to Prof. Bruce Poling, search committee chair, at cheseach@eng.utoledo.edu. The University of Toledo is an Equal Access, Equal Opportunity, Affirmative Action Employer and Educator.

FACULTY POSITION, NORTHWESTERN UNIVERSITY CHEMICAL AND BIOLOGICAL ENGINEERING DEPARTMENT

The Department of Chemical and Biological Engineering at Northwestern University invites applications for a tenure-track faculty position at any rank. Candidates should have a PhD in chemical engineering or a related discipline, demonstrated excellence in research, and a strong commitment to teaching at the undergraduate and graduate levels. Outstanding candidates in all research areas will be considered, though those with an emphasis on energy/sustainability or materials/nanotechnology are particularly encouraged to apply. **Candidates should send a curriculum vitae, a description of research plans and teaching interests, and the names of three references in electronic form to Professor Linda Broadbelt, Search Committee Chair, at chbe-search@northwestern.edu or directly submit the application materials online at <http://www.chem-biol-eng.northwestern.edu>.** In order to ensure full consideration, applications should be received by December 1, 2008. Northwestern University is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

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.

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.

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.

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 under-

graduate 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.

NORTHEASTERN UNIVERSITY, CHEMICAL ENGINEERING DEPARTMENT, BOSTON, MASSACHUSETTS

The Department of Chemical Engineering at Northeastern University invites applications for tenure-track faculty appointments at associate and full professor levels. Applicants for the position must have a Ph.D. in chemical engineering or a related field, a strong commitment to excellence in teaching and scholarship, and a well-funded research program. Preference will be given to individuals with research interests in the areas of advanced materials and biological sciences. Potential areas of interest related to advanced materials include, but are not restricted to: nano-, micro-, bio-, and electronic materials, materials processing (e.g., crystallization, vapor deposition, electrochemistry). Potential areas of interest related to the biological sciences and bioengineering include, but are not restricted to: metabolic and tissue engineering, biological and physical interfaces: science and engineering, systems biology, stem cell biology, biomedical engineering and bioseparations. Responsibilities include teaching at the undergraduate and graduate levels, and graduate student supervision. Salary and rank are commensurate with experience. Applications from women and minorities are particularly encouraged. **Please send a letter of application, statement of teaching and research interests, and a current resume including the names of three references to: Faculty Search Committee Patricia Rowe, Department of Chemical Engineering (342 SN), Northeastern University, 360 Huntington Avenue, Boston, MA 02115, or email to p.rowe@neu.edu.** Northeastern University is an Equal Opportunity/ Affirmative Action Educational Institutional Employer.

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 CALGARY ENGINEER - CHEMICAL OR MECHANICAL

Chemical or mechanical engineers needed for fast-moving high-profile project at University of Calgary. We are hiring 3 engineers to join a project developing technology for direct capture of CO₂ from the air. The technology involves wet scrubbing using novel contactor designs and caustic recovery using advanced recovery processes derived from the pulp and paper industry. There is a chance that this disruptive technology could be an important piece of the climate-change puzzle (e.g. the \$25M Virgin Earth Challenge Prize). We anticipate forming a small startup venture within the next 6 months. Desirable skills include: Chemical process engineering for new process development; solids handling, crystallization of inorganic salts and high-temperature kilns; specification, design and costing of unit operations for commodity-scale chemical processing; management of subcontracts to commercial engineering firms for design studies; mechanical design including experience with structures, fans, pumps and CFD modeling. At least one of the three successful applicants will have significant project management skills. We offer the chance to work with a small (~15 person team) on an exciting and important project in flexible academic work environment; and, the opportunity to get involved in a startup at its inception. The project is managed by David Keith, Director of the ISEEE, Energy and Environmental Systems Group. Pay will be commensurate with experience. **See www.ucalgary.ca/~keith/jobs for more details. Please send resume to robertsh@ucalgary.ca.** Reference letters encouraged but not required for initial application.

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 scchefe@enr.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.

Recruitment Advertising Information

The American Institute of Chemical Engineers
your resource for hiring ELITE CHEMICAL ENGINEERS

CONTACT

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Direct Phone: 646-279-2149 (Alternate Phone: 646-495-1362)
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PRINT ADS IN THE RECRUITMENT/CLASSIFIED SECTION OF CHEMICAL ENGINEERING PROGRESS (CEP)

Don't wait for candidates to come to you. Directly place your employment opportunity in the hands of AIChE members.

Deadline: Third Monday of the month for the next month's issue.

What appears in print appears in CEP on-line FREE with links to your site. Display ads receive color FREE and a 45-day CareerEngineer job board posting FREE (a \$400 value for the web posting alone). Straight-text "Word" ads receive a 50% job board posting discount. Consider multiple issues and receive discount pricing.

CAREER FAIR - AIChE ANNUAL MEETING & CENTENNIAL CELEBRATION

Pennsylvania Convention Center, Philadelphia, PA
AIChE Returns to its Popular Tradeshow-Style Career Fair!

Hire Elite Chemical Engineers focused on research and development And Chemical Engineering Graduate Students seeking employment at the Professional Career Fair, Monday, November 17. Hire Top Chemical Engineering Undergraduates from Leading Schools seeking employment at the Undergraduate Student Career Fair, Sunday, November 16

Plan to participate in the only AIChE Annual Meeting event designed to serve your recruitment needs. Visit www.aiche.org/conferences/careerfair.aspx then Exhibitor Application Link for details, including a list of past Career Fair employers, exhibit package, pricing, FREE program ad offer, conference highlights, and a Career Fair reservation and payment form.

E-NEWSLETTER ADVERTISING

Consider this unique and effective recruitment option. A banner ad in AIChExchange, AIChE's monthly e-newsletter, is the only way to reach members by e-mail. Cost-effective compared to e-mail list rental and your message is sure to be seen since it's part of our member communication. A prominent, colorful, animated ad with a free link to your site.

WEB SITE ADVERTISING

Reserve a skyscraper banner or button on high-traffic pages of the AIChE web site www.aiche.org. Ads are linked directly to your site. Discounts apply for quarterly and annual contracts.

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