POSITIONS AVAILABLE

THE PETROLEUM INSTITUTE IN ABU DHABI, RESEARCH ASSOCIATE

The Chemical Engineering Program at the Petroleum Institute in Abu Dhabi is seeking applications for a Research Associate to assist with establishing a research program in heterogeneous catalysis. Applicants should possess an earned PhD in chemical engineering or a closely related field and must have demonstrated experience in catalyst synthesis and in setting up and operating high pressure catalyst test reactors. Preference will be given to applicants with at least 5 years relevant experience, a strong background in hydrocarbon chemistry, and with experience in experimental design and setting up and maintaining lab equipment and instrumentation. Good professional communications skills, both written and oral, are essential. Additional responsibilities of this position include working with undergraduate students on research projects. Salary/Benefits: Salary is competitive and commensurate with qualifications and experience, with an excellent benefits package, including housing and furniture allowance, educational allowance for dependent children, annual air passages and medical care. The UAE levies no income taxes. Institution: The Petroleum Institute was created in 2001 with aspirations to establish itself as a world-class institution in engineering in areas of significance to the oil and gas and the broader energy industries. The Petroleum Institute's sponsors and affiliates include major oil companies, including four of the five major oil companies in the world. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. The Petroleum Institute is an affiliate institute with Colorado School of Mines and in the process of signing working relationships and collaborations with other major universities and research institutions around the world to capitalize on joint collaborations and research areas of interest. For additional information, please refer to the PI website: www.pi.ac.ae. **To Apply: Application materials must include (1) a letter of interest, which addresses the applicant's qualifications for the position; (2) a current resume; and (3) the names, email and business address, and home and business telephone numbers of at least three references. Electronic Submission is greatly preferred, and should be sent to The Recruiting Coordinator at The Petroleum Institute (recruiting-coordinator@pi.ac.ae) and submission of materials as an MS Word/PDF attachment is strongly encouraged.** Candidates are encouraged to submit applications as soon as possible but no later than December 31, 2006.

FORMULATION CHEMICAL ENGINEER, SYNGENTA
Syngenta is the world's leading agribusiness company operating across all major areas of crop protection and seeds. With more than 19,000 employees worldwide and sales of approximately USD $8.1 billion, Syngenta is uniquely capable of finding ways to help the world grow better crops. Be part of the excitement at our Greensboro, NC location as a Formulation Chemical Engineer in the Technology & Projects department. Selected candidate will perform formulation process development and scale up projects. Lead scale up work and coordinates with formulation chemists and production personnel to achieve successful, safe formulations optimized for manufacturability. Candidate will take an active part in manufacturing plant introduction of newly developed products. Develop product stewardship for selected existing products, address any quality issues, benchmark competitors to strive for innovative solutions for competitive advantage, and submit patents if needed. Take leading role in development of pilot plant operations and technology development. Organize, schedule and execute projects in accordance with departmental priorities as well as assist in training and supervision of technicians, co-op students and contract employees. The selected candidate should possess independent skills in the planning and performance of multiple projects. Background and skills must include PhD, MS or BS in Chemical Engineering and several years in industry preferably with production or scale-up experience. Excellent communication skills (oral and written); Ability to work effectively with multi-functional and multi-level teams; Good problem solving/decision making and planning/organizing skills a must. Motivated, independent, self starter who enjoys diverse fast paced environment. Must be interested in technology development and working in a pilot plant environment. Additional information: travel requirements approximately 20% mainly NAFTA region, but International travel may be necessary. Must be authorized to work in US. An exceptional professional environment, a competitive salary and comprehensive benefits accompany this opportunity to join a global leader in agribusiness. T**o ensure complete and accurate evaluation of your qualifications, please submit an updated resume and any other beneficial information via email to joan.cordiner@syngenta.com.**

ACADEMIC OPENINGS

UNIVERSITY OF CALIFORNIA, BERKELEY
DEPARTMENT OF CHEMICAL ENGINEERING, ASSISTANT PROFESSOR
University of California, Berkeley, seeks applicants at the Assistant Professor (tenure track) level for a faculty position effective July 1, 2007 in the Department of Chemical Engineering. Of particular interest are persons whose research involves biomaterials, biochemical and/or biomedical engineering. However, creative and energetic individuals who show extraordinary promise or accomplishment in any area will be considered. We require a PhD in Chemical Engineering or a closely related discipline. **To apply, please send a curriculum vitae, detailed statements of research and teaching interests, and names and addresses of three references to: Chair, Search Committee, Department of Chemical Engineering, University of California, Berkeley, CA 94720-1462.** Applications submitted after November 31, 2006 will not be considered, and earlier application is encouraged. The University of California is an Equal Opportunity, Affirmative Action Employer.

THE DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF WYOMING has an opening for a distinguished Professor of Chemical and Petroleum Engineering. This position is for a senior level faculty member in the newly created University of Wyoming School of Energy Resources (SER). The successful candidate will also be a tenured faculty member in the Department of Chemical & Petroleum Engineering. We seek an individual who has a national reputation in some aspect of coal conversion or utilization. The successful candidate will be expected to be a national leader in his/her area of scholarship and bring a significant externally funded research program to the University of Wyoming. Responsibilities will include teaching at the undergraduate and graduate levels in chemical engineering as well as providing leadership on campus for coal related research. As the only public four-year institution of higher learning in Wyoming, the University enjoys a distinctive leadership role in the state and region. The main campus is in Laramie, a city of 27,000 people perched in a scenic valley between the Laramie and Medicine Bow Mountains of the Rocky Mountains. Laramie is a two-hour drive north of Denver, Colorado. More information about the University and its regional setting is available on the University's Web site, http://www.uwyo.edu. **Candidates who possess an earned doctorate in chemical engineering or a closely related field and a demonstrated record of excellence in teaching and scholarship are invited to mail or email their application, resume, statements of teaching and research interests, and contact information for at least three referees to Dr. Brian Towler, Head, Department of Chemical and Petroleum Engineering, Dept. 3295, 1000 E University Avenue, University of Wyoming, Laramie, WY 82071. Email to margep@uwyo.edu. Tel: (307) 766-2500.** We will begin the application review process in early January 2007. The University of Wyoming is an AA/EEO Employer.

THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING, UNIVERSITY OF WISCONSIN-MADISON seeks outstanding individuals with a PhD and a strong background relevant to chemical or biological engineering. These tenure-track positions will be at a rank commensurate with the qualifications and background of the successful candidates. Candidates should have a distinguished academic record, exceptional potential for creative research, and a commitment to both undergraduate and graduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. **Applications with supporting documents and a list of at least three references should be sent to Professor James B. Rawlings, Faculty Search Committee, Department of Chemical & Biological Engineering, University of Wisconsin-Madison, 1415 Engineering Drive, Madison, WI 53706. T**he Search Committee will begin reviewing applications in October, 2006. Applications received prior to December 31, 2006 will receive full consideration. The University of Wisconsin is an Equal Opportunity/ Affirmative Action Employer.

UNIVERSITY OF CALIFORNIA, RIVERSIDE. THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING invites applications for one or more tenure-track or tenured faculty positions. Applicants should have a Ph.D. in Chemical or Environmental Engineering or a related field. Although all areas of research will be considered, we are particularly interested in applicants with research interest in: (1) Biomaterials, advanced materials, both soft (polymers) and hard (electronics) materials, with emphasis on nanoscale applications, (2) BioMEMS, (3) Fuel/photovoltaic cells, (4) Membrane processes, (5) Water quality/resources management, fate and transport with emphasis on emerging contaminants, (6) Air quality engineering. New faculty members are expected to initiate and sustain strong sponsored research and graduate training programs. Rank and salary level will be competitive and commensurate with qualifications and experience. Review of applications will begin on 12/4/2006 and will continue until the positions are filled. **To apply, submit the requested files at www.engr.ucr.edu/facultysearch/.** See www.engr.ucr.edu/chemenv/ for more information. UC Riverside is an Equal Opportunity/Affirmative Action Employer.

VANDERBILT UNIVERSITY - CHAIR OF CHEMICAL ENGINEERING
Vanderbilt University invites applications and nominations for Chair of the Department of Chemical Engineering. The position will be available prior to the start of the 2006-2007 academic year. The Department currently has 9 full-time tenured and tenure-track faculty positions with approximately 120 undergraduates and 35 doctoral students. It features instruction and research in the areas of biological engineering, nanotechnology, materials synthesis and characterization, molecular modeling, and adsorption processes. Vanderbilt University is ranked among the top 20 universities nationally. The successful candidate will be a distinguished scholar committed to teaching and research, with proven management ability, and a strong desire to continue to improve the program. Candidates must have an earned doctorate in Chemical Engineering or a closely related discipline with professional achievements that would justify as appointment as full professor with tenure. The process of reviewing applications and nominations will begin on October 15, 2006. **Applicants should send a letter of interest, a resume, and names, addresses, phone numbers, and e-mail addresses of four references to: ChE Chair Search Committee, Vanderbilt University School of Engineering, VU Station B #351826, Nashville, TN 37235-1826. Applicants are encouraged to apply electronically, by sending the above-referenced information in Word or PDF format to CheChairSearch@vanderbilt.edu.** Vanderbilt University is an Equal Opportunity/Affirmative Action Employer. Further information about the department, and a more complete job description, are available at http://www.che.vanderbilt.edu.

DEPARTMENT HEAD
CHEMICAL & BIOLOGICAL ENGINEERING

Applications and nominations are sought for the position of the Head of the Department of Chemical and Biological Engineering at Colorado State University. We are seeking candidates with leadership skills who are dedicated to the advancement of the research and educational missions of the Department. The applicant must have an earned doctorate degree in chemical engineering or a closely related field, a record of excellence in research and teaching appropriate to appointment at the level of tenured full professor, and must possess outstanding communication, leadership, and interpersonal skills. Please visit http://cbe.colostate.edu/ to view a full position description and obtain more information about the department. **To make a nomination, contact the Search Chair at cbehead@engr.colostate.edu or 970-491-3366. Please submit all application materials via the web at http://cbe.colostate.edu/cbehead. Applications will be accepted until the position is filled. However, to be guaranteed full consideration by the search committee, applications must be received by November 3, 2006. Nominations should be received by October 6, 2006.** CSU is an EO/AA employer.

BUCKNELL UNIVERSITY invites applications for an entry-level tenure-track assistant professor position in chemical engineering, beginning fall 2007, and requiring potential for excellence in teaching and scholarship within a program that emphasizes the undergraduate experience. **Please visit Bucknell job postings at: http://jobs.Bucknell.edu for full details.**

DIRECTOR, UNIVERSITY OF WYOMING
SCHOOL OF ENERGY RESOURCES

The University of Wyoming invites applications and nominations for the position of Director, School of Energy Resources. With new funding from the Wyoming Legislature, the school provides an outstanding opportunity for a visionary leader to build an interdisciplinary organization that will address energy resources in a higher education setting. For more information, please visit http://www.uwyo.edu/SER/. The Director will report to the VP for Academic Affairs. We seek an energetic leader with proven scientific and administrative skills. Preferred qualifications include: 1) an earned doctorate; 2) an internationally recognized record of teaching and research in energy-related fields; 3) administrative experience demonstrating vision, managerial ability, and communication skills; 4) leadership needed to create synergy with other university programs and with industry; and 5) a commitment to integrating academics, research, and the school's outreach mission. Applications should include a CV and a letter describing qualifications and experience. For finalists, the search committee will also ask for three references. Screening will begin in November 2006, but applications will be accepted until the position is filled. The University of Wyoming is an equal opportunity - affirmative action employer with an institutional commitment to diversity. We encourage women and members of under-represented groups to apply. **Please send applications and nominations to: SER Director Search, c/o Dr. Myron B. Allen, Vice President for Academic Affairs, University of Wyoming, 1000 E. University Ave. Dept. 3302, Laramie, WY 82071.**

Washington University in St.Louis
SCHOOL OF ENGINEERING & APPLIED SCIENCE

TENURE TRACK FACULTY POSITIONS ENERGY, ENVIRONMENTAL and CHEMICAL ENGINEERING

The School of Engineering and Applied Sciences (SEAS) at Washington University in St. Louis invites nominations and applications for five faculty positions at all levels (assistant, associate or full professor) in the newly constituted Department of Energy, Environmental and Chemical Engineering (see www.eec.wustl.edu) in the following areas:

Bioenergy and Environmentally Benign Energy Production
(up to 3 positions)
This is an ambitious program to employ systems-level research approaches to investigate alternate forms of energy production. This program will allow productive interactions between members of SEAS, the College of Arts and Sciences, and the School of Medicine. Preference will be given to individuals with expertise in the following areas: Systems Biology, Bio-Transformation, Metabolic Engineering, Environmentally Benign Energy Production, and Nano-Biotechnology. Application materials must be submitted electronically by email as a single file in editable (e.g. not password protected) pdf format to energyfaculty@seas.wustl.edu.

Environmental Engineering Science (1 position)
This search is open to all areas of aquatic science and technology; however, preference will be given to individuals with expertise in the following areas: Environmental Organic Chemistry, Physical-Chemical Processes in Natural and Engineered Aquatic Systems, Environmental Biotechnology, Environmental Nanotechnology. Application materials must be submitted electronically by email as a single file in editable (e.g. not password protected) pdf format to environmentalfaculty@seas.wustl.edu.

Advanced Materials (1 position)
The School of Engineering and Applied Sciences (SEAS) and the Center for Materials Innovation (CMI) at Washington University in St. Louis invite applications and nominations for the McKelvey chair in interdisciplinary materials research. Outstanding candidates are sought whose interests and internationally recognized accomplishments fall within a very broad range of materials disciplines which include but are not limited to nanoscopic materials, bio-materials, inorganic and organic semiconducting materials, opto-electronic materials, energy-related materials, smart materials, environmental materials, magnetic and ferroelectric materials, etc. The successful candidate will have a primary appointment in one of the departments of the SEAS, with collateral membership in the CMI. Application materials must be submitted electronically by email as a single file in editable (e.g. not password protected) pdf format to materialsfaculty@seas.wustl.edu.

Washington University in St. Louis, founded in 1853, is a medium-sized, independent research university dedicated to challenging its faculty and students to seek new knowledge and greater understanding of an ever-changing, multi-cultural world. The university is counted among the world's leaders in teaching and research and draws students (with 6,509 undergraduates and 5,579 graduate and professional students, as well as 1,384 part time students) and faculty to St. Louis from all 50 states and more than 90 other nations.

Review of applications will begin immediately, but applications will be received until the postions are filled. Washington University is an Equal Opportunity and Affirmative Action Employer. Applications from women and under-represented minority groups are strongly encouraged.

Washington University in St. Louis
Department of Energy, Environmental and Chemical Engineering
Campus Box 1180
One Brookings Drive
St. Louis, MO 63130
314-935-6070

CLEMSON UNIVERSITY, CHEMICAL AND BIOMOLECULAR ENGINEERING
Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for appointment at the level of Assistant Professor or higher, commensurate with the candidate's experience and level of achievement. Individuals with outstanding potential and scholarly interests in modern Chemical Engineering are sought, with preference given to biomolecular/biopharmaceutical/biological engineering. Candidates must have an earned PhD and should hold at least one earned degree in Chemical Engineering. **Applicants should submit a cover letter along with copies of a resume, a statement of research and teaching interests/philosophy, and the names and addresses of three references to Prof. Anthony Guiseppi-Elie, Chair of the Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Clemson University, Clemson, SC 29634-0909 or ChBESearch@ces.clemson.edu.** Review of applications will begin on October 15, 2006. Applications received by December 15, 2006 will receive full consideration, with the review process continuing until the position is filled. Information about the department is available at http://www.ces.clemson.edu/chemeng/. Clemson University is an AA/EEO employer and does not discriminate against any person or group on the basis of age, color, disability, gender, national origin, race, religion, sexual orientation or veteran status.

UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT
is seeking applicants for a faculty position effective 2007/2008 academic year. Candidates must have a PhD degree in chemical engineering or a related field, and be able to teach undergraduate and graduate courses and direct MS and PhD theses. All ranks will be considered and the research area is open. At the assistant professor level we are looking for candidates with distinguished academic records, who will develop imaginative research and teaching programs, and will become future leaders in the profession. Associate and full professor candidates should be nationally recognized for their accomplishments. **Resumes, reprints of selected publications, a statement of research plans and a list of four references should be forwarded to: Prof. Vasilios Manousiouthakis, Chair, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** UCLA is an Equal Opportunity/Affirmative Action Employer.

UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT
A number of positions, temporary and permanent, are available for lecturers, visiting faculty and researchers, postdoctoral scholars, and engineers in chemical and biomolecular engineering for our teaching and research programs. PhD or equivalent experience required. **Resumes and inquiries should be sent to: A. De Vera, Teaching & Research Positions, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** UCLA is an Equal Opportunity/Affirmative Action Employer.

DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF SOUTH CAROLINA
We seek to fill a cluster of tenure-track faculty positions in the area of Biomedical Engineering for a new multidisciplinary research and teaching initiative. This search is being conducted in collaboration with the Department of Mechanical Engineering and with the School of Medicine at the University of South Carolina. Candidates for this cluster are expected to be at the forefront of research in Biomedical Engineering and to support graduate and undergraduate education programs in this field. Candidates with research interests that complement current expertise at the University of South Carolina in cardiovascular development, wound healing, and regenerative medicine are especially encouraged to apply. Candidates are expected to develop a nationally recognized externally funded research program. For more information, see the web site of the College of Engineering and Information Technology at www.engr.sc.edu. **Applicants are requested to submit with their letter of application, a professional vitae, transcripts of undergraduate work, names of three references, and statements of their research plans and teaching interests. All materials should be addressed to the Biomedical Faculty Search Committee, Office of the Dean, College of Engineering and Information Technology, University of South Carolina, Columbia SC, 29208. Candidates may submit materials via electronic mail to biomedfaculty@engr.sc.edu.** Review of applications will begin immediately and will continue until the positions are filled. The University of South Carolina is an Equal Opportunity/ Affirmative Action Employer.

Faculty Positions in Materials Science & Engineering

Florida State University
Announces a New Cluster Hire Initiative in
Growth, Processing and Characterization of Advanced Materials

Florida State University is pleased to announce a new faculty cluster hiring initiative in the Growth, Processing and Characterization of Advanced Materials. This initiative has recently been established as part of FSU's Pathways of Excellence Initiative (http://pathways.fsu.edu/). Inaugurated in the fall of 2005, the Pathways program leverages the University's unique strengths with significant new investments in research and graduate education. This initiative is designed to hire faculty who are national and international leaders in their respective fields, or are on a clear trajectory to be so, and who work effectively in an interdisciplinary team with common intellectual goals.

The Growth, Processing and Characterization of Advanced Materials Cluster is interdisciplinary, blending many engineering disciplines with chemistry, physics and computational sciences, with a goal of bridging the most basic science at the nanoscale with large scale applications of new technologies. To begin fulfilling this vision, the Cluster will hire six new tenured or tenure-track faculty over the next three years. This hiring initiative is part of an emerging effort in Materials Science & Engineering at FSU, which includes new interdisciplinary graduate degree programs and a new Materials Research Building, soon to begin construction at the Florida State University Innovation Park site in close proximity to the College of Engineering (www.eng.fsu.edu), the National High Magnetic Field Laboratory (http://www.magnet.fsu.edu/), the Applied Superconductivity Center, the High Performance Materials Institute (http://hpmi.net/) and the Center for Advanced Power Systems (http://www.caps.fsu.edu/).

The new hires will complement present faculty at Florida State University who are active in a broad spectrum of materials research. Candidates will be considered in all areas of experimental, theoretical and computational research that fall within the broad categories implied by "Growth, Processing and Characterization of Advanced Materials." Senior candidates must have a record of significant publishing and external funding, an international reputation, and a demonstrated record of scientific leadership. Junior candidates must demonstrate progress towards similar achievements. All candidates should have an appropriate terminal degree and the ability to teach at the graduate level in Materials Science & Engineering or related fields. The Cluster will favor candidates with exceptional communication skills and the ability and commitment to work in synergistic, interdisciplinary research programs. Appointees will be tenured or tenure-earning in an academic department to be determined during the hiring process. Rank will be commensurate with experience.

Nominations should include the name, address, telephone, and email contacts for the nominee along with a brief letter addressing the nominee's qualifications. Applicants should submit a letter of interest which describes their areas of research and teaching, complete curriculum vitae, and the names and contact information of at least three references. The review of applications will commence on January 15, 2007, and will remain open until all positions are filled.

Letters of nomination or application should be addressed to: Materials Cluster Hire Co-Chairs, Office of the Dean, College of Engineering, 2525 Pottsdamer St., Tallahassee, FL 32310-6046.

Florida State University is an Equal Opportunity/Access/Affirmative Action Employer.

TEXAS A&M UNIVERSITY AT QATAR
CHEMICAL ENGINEERING PROGRAM

Applications are invited for several faculty positions at all levels at the Texas A&M University branch campus in Doha, State of Qatar. Texas A&M University at Qatar (TAMUQ) is a partnership with Qatar Foundation. Now entering its fourth 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 on 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 opens in 2007. Applicants for this position must have a PhD in Chemical Engineering or a closely related field. We prefer individuals with research and teaching interests in the areas of process integration and design, process safety, petroleum and natural gas engineering, environmental engineering and thermodynamics, but outstanding candidates with research interests in other areas of Chemical engineering will receive consideration. 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 curricula vitae, detailed statements of research and teaching interests, and arrange to have letters of recommendation sent to: Dr. M. Sam Mannan, 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 December 31, 2006.** Early applications are encouraged and 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.

UNIVERSITY OF TENNESSEE, CHEMICAL ENGINEERING FACULTY

Applications and nominations are invited for two tenured or tenure-track positions in the Department of Chemical Engineering at the University of Tennessee, Knoxville. Individuals with outstanding academic records who are dedicated to excellence in research and education are encouraged to apply. Candidates with research interests in the areas of biomolecular engineering and sustainable energy production are well-suited to these positions; however, candidates in a broad range of research areas will be considered. In biomolecular engineering, opportunities exist to collaborate with the UT Medical Center, the Biology Division at UT and the Joint Institute for Biological Sciences, a collaboration between UT and Oak Ridge National Laboratory (ORNL). In the area of sustainable energy production, this position is expected to complement on-going interdisciplinary collaborations with other programs within UT, ORNL and the National Transportation Research Center. Opportunities also exist for collaboration with the computational materials research group within the department. Both positions are open to appointment at the rank of assistant or associate professor. Applicants must have, or expect to have shortly, the PhD degree in chemical engineering or a related discipline. Applicants for appointment at the associate professor level must have a demonstrated record of excellence in their research field and an active and growing research program. Applicants for appointment at the assistant professor level must show potential to develop an outstanding research program. **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 Bamin Khomami, Head of Chemical Engineering, The University of Tennessee, Knoxville, 1512 Middle Drive, Knoxville, TN 37996-2200**. Review of applications will continue until the positions are filled. The University welcomes and honors people of all races, genders, creeds, cultures, and sexual orientations, and values intellectual curiosity, pursuit of knowledge, and academic freedom and integrity. The University of Tennessee is an EEO/AA/Title VI/ Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services.

Ralph E. Martin Department of Chemical Engineering

Seeking dynamic applicants for the following positions:

The Ross E. Martin Chair in Biomedical Engineering

The successful candidate for this tenure track position is expected to develop and lead an internationally recognized and funded research program in biomedical engineering. Applicants must have a Ph.D. in Chemical or Biomedical 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 biomedical research programs in other departments are available.

The Charles W. Oxford Professorship in Emerging Technologies

This position is a tenure-track opening for an Assistant or Associate Professor who will be expected to strengthen and broaden the department's commitment to teaching and research, as well as work with senior faculty to create and advance state of the art research program. There are opportunities for significant collaboration with several departments across campus, including Chemistry and Biochemistry, Physics, Mechanical and Electrical Engineering. Applicants must have a Ph.D. in Chemical Engineering or a related field and should hold at least one chemical engineering degree. Competitive applicants will have an excellent academic record and possess a record of demonstrated scholarly achievement. Highly effective interpersonal verbal and written skills are also essential. Some post-doctoral or industrial experience is preferred but not required.

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/Equal Opportunity Institution. All applications will be accepted without regard to age, race, color, sex, or national origin. All applicants are subject to public disclosure under the Arkansas Freedom of Information Act and persons hired must have proof of legal authority to work in the United States.

INTERESTED IN TEACHING? THE DEPARTMENT OF CHEMICAL ENGINEERING AT ROSE-HULMAN INSTITUTE OF TECHNOLOGY seeks candidates with a promise of excellence in teaching and an interest in the individual student. We anticipate, contingent on funding, an opening for a visiting assistant professor starting Fall 2007. PhD in chemical engineering by the start date is required. Preference will be given to individuals with demonstrated excellence in teaching undergraduates. **Please send (1) your curriculum vitae, (2) a statement of teaching philosophy and teaching interests, (3) a statement of plans for professional development, and (4) contact information for your references to Dr. Hossein Hariri preferably via email (m.h.hariri@rose-hulman.edu) or postal mail, Rose-Hulman Institute of Technology, CM49, 5500 Wabash, Terre Haute, IN 47803. Please contact Dr. Hariri via email if you will be at the AIChE meeting in San Francisco and would like to meet with representatives from the department.** Review of applications will begin December 1, 2006 and will continue until the position is filled. EEO/AA.

UNIVERSITY OF TORONTO
DEPARTMENT OF MECHANICAL & INDUSTRIAL ENGINEERING
Applications are invited for an academic tenure stream position at the rank of Assistant or Associate Professor in the area of Alternative or Sustainable Energy. The successful candidate should have a minimum of 2-5 years of postdoctoral experience, with a focus on experimental research. Applicants must have a doctoral degree in engineering (or related discipline), an outstanding academic and research record including refereed publications and effective teaching ability. The candidate should also have an undergraduate degree in engineering and be eligible for registration as a Professional Engineer. Duties will include undergraduate and graduate teaching, research and departmental service. Salary is commensurate with qualifications. Start date is approximately July 1, 2007. Applicants should include in their responses: a detailed curriculum vitae; a clear statement of specific teaching and research interests; and the names of three persons able to provide references. **Applications should be addressed to: Chair, Department of Mechanical & Industrial Engineering, University of Toronto, 5 King's College Road, Toronto, ON M5S 3G8. The closing date for all applications to be received is December 4, 2006.** For more information on the University of Toronto, and the Department of Mechanical & Industrial Engineering, please visit: http://www.mie.utoronto.ca. 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 further diversification of ideas. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

POSTDOCTORAL RESEARCHER OR RESEARCH ASSOCIATE
Available in the area of pyrolysis and combustion of fuels and model compounds representing fuel entities. Fundamental research into chemical reaction mechanisms-with applications ranging from biomass fuels to fuels for high-speed aircraft. Required Qualifications: PhD in chemical engineering, chemistry, mechanical engineering, or related field. Additional Qualifications Desired: experience in one or more of the following: pyrolysis/combustion, high-temperature organic chemistry, analytical chemistry (especially HPLC, GC, UV, MS), chemical reaction kinetics, heterogeneous reactions. Title will be dependent upon qualifications and credentials of the applicant. **Deadline is November 30, 2006, or until filled. Applicants should send C.V. (including e-mail address), list of publications, and arrange for three letters of recommendation to be sent to: Dr. M. J. Wornat, Department of Chemical Engineering, South Stadium Drive, Louisiana State University, Ref: Log #0776, Baton Rouge, LA 70803. E-mail: mjwornat@lsu.edu.** LSU is an EO/EA Employer.

THE SCHOOL OF CHEMICAL ENGINEERING, PURDUE UNIVERSITY, seeks outstanding individuals at any rank with PhD degree and a strong background relevant to chemical or biological engineering. The candidates for this tenure-track position should have research interests aligned with one or more Purdue College of Engineering signature areas (visit https://engineering.purdue.edu/Engr/Cluster). They should also have a distinguished academic record, exceptional potential for world-class research, and a commitment to both undergraduate and graduate education. For senior applicants, an excellent reputation in the field of specialty is required. The School is in an unprecedented growth, with nine new faculty additions since Fall 2003, at both the junior and senior levels, and a new building completed in October 2004 that doubles the current space. **For consideration, please complete the online application form at https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications and include curriculum vitae, statement of teaching and research interests, and the names and addresses of three references.** Review of applications will begin October 1, 2006 and continue until the position is filled. Purdue University is an Equal Opportunity/Equal Access/ Affirmative Action employer.

LEADERSHIP OPPORTUNITY IN BIO-ENGINEERING
AT MICHIGAN TECHNOLOGICAL UNIVERSITY
JAMES AND LORNA MACK CHAIR IN BIO-ENGINEERING
Michigan Tech's Department of Chemical Engineering has identified bio-engineering, bio-processing, and biotechnology as focus areas for growth. The Mack Chair holder will provide a strategic direction for interdisciplinary research in these emerging areas. The holder of the Chair will have the opportunity to collaborate with colleagues across Michigan Tech's campus, including our nationally renowned School of Forest Resources and Environmental Science, our Biotech Research Center, our Sustainable Futures Institute, and our Departments of Civil and Environmental Engineering and Biomedical Engineering. Responsibilities of the Mack Chair holder will include establishing a nationally recognized research program in bio-engineering at Michigan Tech, providing leadership for educational programs in this area, and teaching graduate and possibly undergraduate courses to support these research efforts. Interested and qualified senior applicants could also be considered for the department chair position which will become available in Summer 2007. Applicants with significant industrial experience are encouraged to apply. Minimum requirements for the Mack Chair include an earned doctorate in Chemical Engineering, Bio-engineering, or any closely related field, and a professional stature meriting appointment as an associate or full professor in the department. **Application packages should include a complete CV, a vision statement for the position, and names of at least three references. Inquiries and applications should be directed to: Ms. Christine Abramson, Dept. Coordinator, MTU Dept. of Chemical Engineering, 203 Chem-Sci, 1400 Townsend Drive, Houghton, MI 49931-1295.** Michigan Tech is located in Michigan's scenic Upper Peninsula with abundant opportunities for outdoor recreation. The campus is one of the safest in the nation and the local community provides excellent resources conducive to quality family life. Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer. For more information regarding the university or the department, please visit www.mtu.edu.

DEPARTMENT CHAIR, DEPARTMENT OF CHEMICAL
ENGINEERING, MICHIGAN TECHNOLOGICAL UNIVERSITY
Nominations and applications are invited for the position of Chair of the Department of Chemical Engineering. The department seeks an individual who has a demonstrated record of scholarly and administrative achievement, and a professional stature meriting appointment as a tenured professor. The Chair is expected to have a strong personal vision for excellence in engineering education, research, and service and to communicate this vision effectively to students, faculty, staff, alumni and the administration. Potential candidates would also be eligible for the James and Lorna Mack Endowed Chair in Bioengineering, if research interests are compatible. Michigan Technological University is one of the top 30 public best undergraduate engineering programs in the United States, as rated by *U. S. News and World Report*. The College is one of the largest in the country with 3,100 undergraduate and 480 graduate students with a total University enrollment of 6,500. The Department of Chemical Engineering has 263 undergraduates with 14 faculty and several open faculty lines. The department offers MS and PhD programs, with research in process design and analysis, process control, process safety, polymer materials and processing, rheology, surface science and catalysis, thermodynamics, physical properties, mineral processing, environmental and bioengineering. The Department's annual research expenditures are growing rapidly and currently exceeds $2.5 million dollars. Michigan Tech is located in the beautiful Upper Peninsula of Michigan, with abundant opportunities for outdoor recreation. Further information about the university, department and geographic area can be found on the department web site at: www.chem.mtu.edu/chem_eng/. **Applications, nominations, and inquiries should be sent to: Prof. Daniel A. Crowl, Search Committee Chair, Department of Chemical Engineering, 1400 Townsend Dr., Houghton, MI 49931 (phone: 906-487-3221; fax 906-487-3213; email: crowl@mtu.edu). Applications should include a detailed professional resume and the names and addresses of at least three references.** The Search Committee will review applications on a. continuing basis and will accept applications until the position is filled. Applications from minority and women candidates are strongly encouraged. Michigan Technological University is an Equal Opportunity Educational Institution/Equal Opportunity Employer.

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 and 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. Raj Rajagopalan, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg).**

TWO TENURE TRACK POSITIONS
TULANE UNIVERSITY DEPARTMENT OF BIOMEDICAL ENGINEERING

The Department of Biomedical Engineering at Tulane University is pleased to invite applications for two tenure-track faculty positions that will be available as early as January 2007. The Department of Biomedical Engineering was founded in 1977, has a full strength program of 13 full-time faculty positions, and an ABET accredited undergraduate program with approximately 200 undergraduate majors and 50 graduate students. Since July 2006, the Biomedical Engineering has been administratively located in the Division of Biological Sciences and Engineering in the new School of Science and Engineering. This new academic structure is enormously beneficial to the Department of Biomedical Engineering because of the strong emphasis on interdisciplinary interactions, with an administrative structure that reduces the overhead associated with these interactions. We are committed to a major increase of an existing strength in the area of biotransport phenomena. Preferred candidates will use either imaging approaches for experimental investigation, and/or theoretical and computational approaches for modeling and simulation. We are specifically interested in candidates who link biotransport investigations of the neurological system, the pulmonary system or the eye to clinically important pathologies. Excellent collaborative research opportunities exist in the School and with various centers and institutes at Tulane including the Health Sciences Center, the Center for Computational Sciences and the interdisciplinary program in Neurosciences. Louisiana has recently developed LONI (Louisiana Optical Network Infrastructure), which connects the State's major research institutions with high-speed bandwidth (40 Gigabits/s) connecting an approximately 100TFlop/s distributed grid-based computing facility that presently exceeds the capacity of most national facilities. Applicants must have an earned doctorate, and will be expected to teach undergraduate and graduate courses and to develop an externally funded research program, consistent with having a fundamental interest in both teaching and research. These positions are subject to a final university determination on funding. Rank and salary are dependent upon candidate qualifications. Senior candidates will be considered for the recently established John and Elsie Martinez Biomedical Engineering Chair. **Please send a CV, a brief description of research and teaching interests, and names and addresses of three references to: Faculty Search Committee, Department of Biomedical Engineering, Boggs Center, Suite 500, Tulane University, New Orleans, LA 70118-5674. PDF applications may be submitted to bmen-info@tulane.edu.** More information about the Department of Biomedical Engineering can be found at: http://www.bmen.tulane.edu. Tulane University is an Affirmative Action - Equal Opportunity Employer.

ASSISTANT PROFESSOR, AUDUBON SUGAR INSTITUTE, LOUISIANA STATE UNIVERSITY AGCENTER, ST. GABRIEL, LA.

This is a tenure-track position, part of team involved in a DOE funded project on the utilization of sugarcane biomass in a biorefinery. A PhD in Chemical or Biological Engineering or a related discipline is required. Prefer experience in biomass processing. Should be suited to promotion within the Audubon Sugar Institute in order to become involved in time in all aspects of sugarcane processing. Salary commensurate with qualifications and experience. Excellent benefits and professional development options include optional retirement and insurance plans, university holidays and earned annual and sick leave. **Application Deadline: 11/30/06 or until suitable applicant found. Send a letter of application, resume, university transcripts, and the names and addresses of three references to: Dr. Peter Rein, Head, Audubon Sugar Institute, LSU AgCenter, 3845 Hwy 75, St. Gabriel, LA 70776.** For more info, visit www.lsuagcenter.com/audubon. EOE.

University of Waterloo

Faculty Positions
Nanotechnology Engineering - University of Waterloo

The departments of Chemistry, Chemical Engineering, and Electrical & Computer Engineering at the University of Waterloo invite applications for several positions at the Assistant, Associate, and Full Professor levels. The positions are part of the University's expansion in Nanotechnology Engineering (NE), which includes a new undergraduate degree program in NE (http://www.nanotech.uwaterloo.ca). The initiative is a cross-disciplinary partnership between the three departments which are home to more than 140 faculty members and 600 graduate students.

Applications are invited from excellent candidates in the fields of nanoscience and nanotechnology with emphasis in the areas of nanoelectronics (e.g. quantum structures, molecular electronics), micro/nano instruments (e.g., nanoscale spectrometry, fluidics), nanobiosystems (e.g., nanomedicine, biomaterials), and nanomaterials (e.g., nanocrystals, nano-engineered membranes). The successful candidates are expected to establish world-class, independent, externally-funded research programs in a research-intensive cross-disciplinary environment. The departments involved in the creation of the NE program are already home to state-of-the-art characterization, analysis, and synthesis research facilities including cleanroom laboratories for nanoscale structures and devices. Excellent research and teaching lab facilities are being established across the university, including a new building complex with lab clusters for nanotech research.

The candidates are also expected to develop and teach a broad range of innovative undergraduate and graduate courses in nanoscience and nanotechnology. Interested candidates should forward their curriculum vitae, the names of four referees, a short description of research accomplishments, a teaching statement and a research statement. They may also indicate the department they wish to be affiliated with. The positions will remain open until they are filled.

Applications should be sent to:

Faculty Hiring Coordinating Officer, Nanotechnology Engineering Program
University of Waterloo, 200 University Avenue West, Waterloo, Ontario N2L 3G1, Canada.
E-mail: nefacultyhiring@nanotech.uwaterloo.ca
(Electronic submissions welcomed)

With a student population of 22,000 and six faculties, the University of Waterloo has been rated as the most innovative university in Canada for the 13th year in a row. Located about 100 km from metropolitan Toronto, the University of Waterloo is in the Region of Waterloo with a population of 500,000. The area is in the heart of Canada's technology triangle and enjoys one of the fastest growths in Canada. All qualified applicants are encouraged to apply; however, Canadian Citizens and permanent residents will be given priority. The University encourages applications from all qualified individuals, including women, members of visible minorities, native peoples and persons with disabilities. Candidates are expected to become eligible for Professional Engineering registration in Ontario.

CLARKSON UNIVERSITY, DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING invites applications for a tenure-track faculty position at the Assistant Professor level; however, senior appointments are possible for suitably qualified candidates. The Department seeks individuals who possess an outstanding academic record and have a demonstrated commitment to excellence in undergraduate and graduate education, and are capable of establishing a strong international reputation for their research program. Applicants should possess a PhD in Chemical Engineering or a closely related field. We seek candidates with expertise in biomaterials, biosurface phenomena, biosensors, bioseparations or any other aspect of biomolecular engineering. Opportunities are available to work closely with Clarkson's Center for Rehabilitation Engineering Science and Technology (CREST) or with Clarkson's New York State supported Center for Advanced Materials Processing (CAMP). The department is fully committed to supporting new faculty in their efforts to establish a strong research program. This includes providing funds for equipment and the assignment of graduate students supported by the Department. Review of applications will begin immediately and will continue until the position is filled. **Please submit letter of application, resume, statement of research plans, 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.** Clarkson University is an Affirmative Action/Equal Opportunity Employer. Position # 47-06.

ASSISTANT/ASSOCIATE PROFESSOR
CHEMICAL ENGINEERING, MICHIGAN TECHNOLOGICAL UNIVERSITY

The Department of Chemical Engineering at Michigan Technological University (MTU) invites applications for tenure track positions at the Assistant/Associate Professor level available beginning September 2007. Priority will be given to faculty candidates with an interest in bioprocessing or bioengineering, but outstanding candidates in all areas of chemical engineering will be considered. Salary will be commensurate with qualifications and experience. The Department seeks individuals who possess an outstanding academic record, have demonstrated commitment to excellence in undergraduate and graduate education, are capable of establishing a strong research program. Applicants with significant industrial experience are encouraged to apply. To learn more about the Michigan Tech Chemical Engineering Department, visit http://www.chem.mtu.edu/chem_eng/. Applicants must possess a PhD in Chemical Engineering or related discipline. **Please send letter of application, curriculum vitae, statement of research plans and teaching interests, the names / addresses / phone numbers of 4 references, and a set of representative publications to Faculty Search Committee/Chemical Engineering Department, Rm 203 CSE Bldg, 1400 Townsend Drive, Houghton, MI 49931-1295.** Michigan Technological University, one of the four major research universities in the state, is located in Michigan's Upper Peninsula. The community offers a small-town environment with outstanding four-season recreational opportunities. MTU is an Affirmative Action/Equal Opportunity Employer/Education Institution.

FACULTY ENERGY POSITIONS IN CHEMICAL ENGINEERING AT ARIZONA STATE UNIVERSITY

The Ira A. Fulton School of Engineering at Arizona State University announces openings for three tenure-track faculty positions at any rank in energy generation, storage and distribution areas. Successful candidates will be appointed in one or jointly in two of the Departments of Chemical Engineering, Electrical Engineering, Mechanical and Aerospace Engineering, or the School of Materials. A PhD in a major engineering field and a record of publications in scholarly journals appropriate to the desired appointment level are required. 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. Candidates in all areas relevant to energy research will be considered, with preference given to those who are in the following three research specializations: (1) Electric Generation: Fundamental understanding and device development for converting hydrogen, hydrocarbon and renewable energy sources to electricity - fuel cells, photovoltaics, and thermoelectrics - modeling and implementation including materials processing, combustion and fluid and thermal transport. (2) Energy Storage: Modeling and materials synthesis for energy storage - hydrogen storage and transport, on-chip and large scale batteries, and novel materials systems. (3) Energy Conversion and Grid Interface: Implementation of the interconnection of electrical power from distributed generation sources and modeling - Distributed resource interconnection to the electric grid, power electronics, dc-ac conversion, power conditioning, and control. 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. ASU is a Research I University with outstanding research facilities and infrastructure support and is located within the rapidly growing metropolitan Phoenix area with 3.5 million people. The university is one of the nation's leading public metropolitan research universities, marked by recent establishment of several centers of excellence, including the Arizona Biodesign Institute (http://biodesign.asu.edu/), the Flexible Display Center (http://flexdisplay.asu.edu/) and the International Institute for Sustainability (http://sustainability.asu.edu/). This energy search is a targeted effort in the Ira A. Fulton School of Engineering that will contribute to the university-wide sustainability initiative. **Interested candidates must submit a letter indicating one of the three research specializations listed above and desired rank, research and teaching plans, a current curriculum vitae including names, telephone, mail and email addresses of three references. These must be sent to Prof. Jerry Y.S. Lin, Interim Chair, Dept of Chemical Engineering, Arizona State University, Campus Box 6006, Tempe, AZ 85287-6006.** Applications will be reviewed beginning Dec. 15th, 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.

CHEMICAL ENGINEERING DEPARTMENT CHAIR, VILLANOVA UNIVERSITY

Villanova University invites applications for Chairperson of the Department of Chemical Engineering. An earned doctorate in Chemical Engineering or a closely related field is required. Applicants should have credentials appropriate to appointment as full professor. The successful candidate must have leadership, organizational, communication and interpersonal skills, be committed to both scholarship and excellence in engineering education, and have a demonstrated ability to secure and perform funded research. The ideal candidate will be able to initiate and develop interactions with industry, government, granting agencies, and other professional fields and be committed to implement the departmental vision. Villanova is a Catholic university sponsored by the Augustinian order. An AA/EEO employer, Villanova seeks a diverse faculty committed to scholarship, service, and especially teaching, who understand, respect, and can contribute to the University's mission and values. The ChE Department offers BS and MS degrees and participates in a college-wide interdisciplinary engineering PhD degree program. **Send letter of application, curriculum vitae, statements of teaching and research interests, statement of suitability for the position, and the names of at least three references to Dr. Ronald Chadderton, Search Committee Chair, College of Engineering, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085.** Review of applications begins February 1, 2007, and will continue until the position is filled.