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## POSITIONS AVAILABLE

### PARKER, MESSANA & ASSOCIATES, INC. CONSULTING ENGINEERS, POSITION: PROCESS ENGINEER

Minimum Qualifications: 15+ years experience in the design of industrial processes, chemical process unit operations, and process calculations. A BS ChE and PE registration in the U.S. or Canada preferred. Position Responsibilities: Chemical engineering design for biofuels, petrochemical, and industrial. Develop PFDs, P&IDs, design criteria, specifications, and operational descriptions. Develop mass/energy balances, thermodynamic calculations, distillation column calculations, reaction kinetics and other as needed for plant design. **Contact: Mairi Hankinson, (253) 926-0884, [mhankinson@pma-engr.com](mailto:mhankinson@pma-engr.com).**

### MANAGER OF ENGINEERING - HQ'S

International chemical company. Complete responsibility for corporate central engineering department. Engineer with 12+ years experience in capital projects and process operations. Promotable to plant manager. Houston HQ's. **John T. Baker & Associates, Inc. Search Specialists-Est. 1979. Ph: 281-556-1798; Email: [johntbaker@aol.com](mailto:johntbaker@aol.com)**

## PROCESS ENGINEERS

Delta-T Corporation, the foremost leader in Ethanol Technology, is searching for Process Engineers looking to make a difference. Process Engineers are responsible for developing, enhancing, and implementing process design configurations especially for dehydration, grain-to-ethanol, and other chemical processing systems. A B.S. degree in Chemical Engineering with 8 years experience in process engineering is desired. Chemical engineering simulation software experience with ASPEN, ChemCAD, or similar commercial simulation tools a plus. Relocation required. **For further details please visit our website. Delta-T Corporation, 133 Waller Mill Rd, Williamsburg, VA 23185, [jobs@deltatcorp.com](mailto:jobs@deltatcorp.com), [www.deltatcorp.com](http://www.deltatcorp.com). EEO M/F/D/V**

## PROCESS ENGINEER POSITIONS AVAILABLE DENVER AND ST. LOUIS OFFICES

Abengoa Bioenergy, a leading technology company and producer of ethanol in North America, Europe and now Brazil, has several exciting positions open in the New Technologies - Process Engineering Group. This group is responsible for developing and specifying the process for all of our new technologies including production of ethanol from cellulosic feedstocks. We are seeking highly motivated individuals for the following positions: **Senior Process Engineers** - Responsible for developing the process design package for new technologies

"Our work is more than a job, it's a career of mission-focused investigation."

*Bradford Ng, Research Analyst.  
Ph.D., Chemistry*

*Anita Hattiangadi, Research Analyst  
M.A. Economics*

*Kathleen Ward, Research Analyst,  
Ph.D., Physiology and Biophysics*



## Work that matters.

The CNA Corporation is a non-profit institution that operates on the principle of conducting impartial, accurate, actionable research and analysis to inform the important work of public sector leaders.

It's work that matters, and that reflects a commitment to serve the public's interests and the common good.

We offer career opportunities for people with degrees in engineering, mathematics, economics, physics, chemistry, international relations, national security, history, and many other scientific and professional fields of study.

Diverse views, objectivity, imaginative techniques, process driven, results oriented - committed to the common good. **Join us.**

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being commercialized by Abengoa Bioenergy. This position will be responsible for the process model, material and energy balances, P&IDs and equipment specifications development. Minimum 10 years of experience in engineering in the process industries and a BS in chemical or mechanical engineering is required. **Process Engineers** - Work with a Senior Process Engineer to develop process models (Aspen Plus), material and energy balances, P&IDs and equipment specifications for novel new processes. Minimum 2 years of experience in engineering in the process industries and a BS in chemical or mechanical engineering is required. **R&D Engineer** - Conduct experiments related to biomass feedstock preparation, pretreatment, biomass fractionation, enzymatic hydrolysis, and hexose/xylose fermentation; process and plant design, plant start-up and operation. B.S. degree in chemical/biochemical engineering or pulp and paper science plus experience in process or product development; proficiency in experimental design, data analysis, process design, and scale-up; start up and chemical plant operation a plus. **Abengoa Bioenergy, 1400 Elbridge Payne Rd, Suite 212, Chesterfield, MO 63017, Fax (636) 728-0585, Email: Charlotte.drew@bioenergy.abengoa.com.**

#### SENIOR LEVEL ENGINEERS

REH Inc., Denver CO, looking for Senior Level Engineers to develop coal gasification projects. **For details on open positions, go to <http://www.rehinc.com>.**

#### POLYMER PROCESS DEVELOPMENT

3 year PhD-student or post-doc position, new polymer process development, kinetic modeling, reactor and process simulation, Université Catholique Louvain and TOTAL, Belgium, [dewilde@imap.ucl.ac.be](mailto:dewilde@imap.ucl.ac.be).

### ACADEMIC OPENINGS

#### UNIVERSITY OF KENTUCKY, EXTENDED CAMPUS AT PADUCAH, ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-track faculty position at the Assistant Professor level. This is an undergraduate education-oriented position in the ABET-accredited chemical engineering program at the Engineering Extended Campus Program in Paducah, Kentucky. Applicants should have a PhD in Chemical Engineering and the capability to teach across the entire chemical engineering curriculum. It is expected the selected applicant will contribute to developing a strong and nationally recognized undergraduate program and be committed to innovation and excellence in undergraduate education in Chemical Engineering. Research collaborations with local industry and faculty at the Lexington campus are encouraged. Review of applications will begin immediately and will continue until the position is filled. Applicants are encouraged to attend the "Meet the Faculty Candidate" session at this year's AIChE conference in November. **Applicants should apply for requisition number SP517998 online at <http://www.uky.edu/HR/UKjobs/>. Submit PDF files consisting of a resume, teaching philosophy, teaching interests, research interests, and the names of at least three references.** The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the Chemical Engineering program at Paducah can be found at <http://www.engr.uky.edu/paducah/cme>.

**THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING, UNIVERSITY OF WISCONSIN-MADISON** seeks outstanding individuals with a Ph.D. 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 should be submitted via <http://facsearch.cbe.wisc.edu>.** The Search Committee will begin reviewing applications in October, 2007. Applications received prior to December 31, 2007 will receive full consideration. The University of Wisconsin is an equal opportunity affirmative action employer.



**UNIVERSITY of ARKANSAS**

1871®

**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 begin November 15, 2007. 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.

## NATIONAL UNIVERSITY OF SINGAPORE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required. Please refer to <http://www.chbe.nus.edu.sg/> for more information on the areas of interest and for application details. **Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and a list of names of at least three references to: Prof. Raj Rajagopalan, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg).**

## THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF SOUTH CAROLINA

seeks to hire several tenure-track faculty members. We are particularly interested in candidates in strategic core areas, including biomedical engineering, fuel cells, computational nanoscience, and polymer nanocomposites. Successful candidates will have demonstrated the ability to develop and conduct independent, cutting-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 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.

## TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

The Department of Chemical, Biomedical and Materials Engineering at the Stevens Institute of Technology announces one tenure-track faculty position opening in Chemical Engineering on July 1, 2008. The department currently has 16 full-time faculty members with research interests in diverse areas such as chemical and biological microsystems, soft materials, tissue engineering, and photonic sensing. Annual research expenditure exceeds \$2.5M. 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, bio-fuel, and pharmaceutical process engineering especially in the context of microsystems. 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 position is 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/ChE, c/o Ms. Nancy Webb, email: nwebb@stevens.edu, Department of Chemical, Biomedical, and Materials Engineering, 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.



## American Institute of Chemical Engineers and Center for Chemical Process Safety Asia-Pacific Manager



AIChE is looking for an individual to lead the expansion of AIChE and CCPS in the Asia-Pacific Region. Individual will manage operations and provide technical support for AIChE and CCPS Asian initiatives, leveraging regular contacts between CCPS sponsor representatives, AIChE international members, and other customers. Work with AIChE/CCPS team members to implement strategies to meet organizational goals as well as:

- 1 Lead an aggressive campaign to attract new sponsors for CCPS in the region.
- 1 Assure the needs of the existing sponsors are met, including providing limited technical support.
- 1 Train and support regional CCPS sections and help identify additional trainers to support their programs.
- 1 Support, participate, and present at relevant symposia in the region.
- 1 Represent CCPS and AIChE with government organizations and the press.
- 1 Build and cultivate relationships with other relevant societies in the region.
- 1 Oversee, develop, and enhance the CCPS course catalog and AIChE ventures related to process safety training.
- 1 Assist AIChE volunteers in the establishment of local sections.
- 1 Determine market for new AIChE and CCPS conferences in the region, and establish new conferences as appropriate.
- 1 Conduct in-house sales of key products.

## EDUCATION/ EXPERIENCE

- 1 BS in chemical engineering or related discipline required. MBA, advanced technical degree or equivalent experience desirable.
- 1 15 years of relevant industrial, consulting, or government experience, including demonstrated expertise in all aspects of process safety.
- 1 Broad experience in the region.
- 1 Business management and negotiation skills; knowledge and experience with contracts, licensing agreements and intellectual property protection.
- 1 Excellent interpersonal, public speaking & training skills; experience in building and sustaining customer relationships.
- 1 Experience and understanding of volunteer organizations.

**Please note: position/office to be located in Asia-Pacific Region—location to be determined.**

**If qualified and interested please send resume with salary requirements to: [recruitment@aiiche.org](mailto:recruitment@aiiche.org)  
Attention: Human Resources.**



## UNIVERSITY OF NOTRE DAME CHEMICAL & BIOMOLECULAR ENGINEERING FACULTY OPENINGS

The Department of Chemical & Biomolecular Engineering at the University of Notre Dame is pleased to announce openings for tenured or tenure-track faculty at any rank. A Ph.D. or equivalent degree is required. All research fields are welcome. Applicants should have developed, or show potential for development of, an outstanding research program and possess a strong commitment to graduate and undergraduate education. **Applicants should send their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: Professor Mark J. McCready, Department of Chemical & Biomolecular Engineering, 182 Fitzpatrick Hall, University of Notre Dame, Notre Dame, Indiana 46556-5637.** Notre Dame is an equal opportunity/affirmative action employer.

## THE DEPARTMENT OF CHEMICAL ENGINEERING AT VANDERBILT UNIVERSITY

invites applications for a faculty position at the Assistant Professor level for Fall 2008. 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 at Vanderbilt with researchers 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 Professor Kenneth A. Debelak, Chair, Assistant Professor Search Committee, Department of Chemical Engineering, Vanderbilt University, VU Station B 351604, 2301 Vanderbilt Place, Nashville, TN 37235-1604 or email: [kenneth.a.debelak@vanderbilt.edu](mailto:kenneth.a.debelak@vanderbilt.edu).** Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

## VANDERBILT UNIVERSITY, CHAIR, DEPARTMENT OF CHEMICAL ENGINEERING

Vanderbilt University invites applications and nominations for Chair of the Department of Chemical Engineering. The Department currently has 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. Additional information is available at <http://www.che.vanderbilt.edu>. The Department seeks a distinguished scholar committed to teaching and research. The candidate must have the ability to work effectively with faculty and the constituents of the Department to

define long-term directions and the ability to enhance the graduate and research efforts while maintaining a strong undergraduate program. Candidates must have an earned doctorate in Chemical Engineering or a closely related discipline with professional achievements that would justify an appointment as full professor with tenure. **Applicants should send a letter of interest, a resume, and names, addresses, phone numbers, and e-mail addresses of four references to: Professor K. Arthur Overholser, ChE Chair Search Committee, Vanderbilt University School of Engineering, VU Station B #351826, 2301 Vanderbilt Place, Nashville, TN 37235-1826.** Applications in electronic form are particularly encouraged. Please send the above-referenced information in Word or PDF format to: [ChEChairSearch@vanderbilt.edu](mailto:ChEChairSearch@vanderbilt.edu). An Equal Opportunity/Affirmative Action Employer.



## UNIVERSITY OF WYOMING

### COLLEGE OF ENGINEERING AND APPLIED SCIENCE CAREER OPPORTUNITY

#### TENURE-TRACK FACULTY POSITION IN PETROLEUM ENGINEERING

The Department of Chemical and Petroleum Engineering at The University of Wyoming invites applications for a tenure-track faculty position at the Assistant Professor level. The position seeks a dynamic, enthusiastic and highly-qualified individual with desired experience in the oil and gas industry. The successful candidate will be expected to develop a creative and dynamic externally-funded research program, teach undergraduate and graduate courses in petroleum engineering, and advise students. The position is open for all petroleum engineering research interests including multiphase flow in porous media, reservoir simulation, enhanced oil recovery, petrophysics and unconventional gas.

The Petroleum Engineering program at the University of Wyoming (UW) is a dynamic and well-funded entity being revitalized in response to dramatic increases in oil and gas investments in the State. The program has recently attracted an additional \$6 million from industry and the state to establish state-of-the-art teaching and research laboratories. The program also benefits from the resources provided by the newly established School of Energy Resources (SER) at the University of Wyoming and the Enhanced Oil Recovery Institute (EORI), which have been created by a state- and industry-funded program designed to put UW at the forefront in energy-related research and education. A partnership underway between the UW and the National Center for Atmospheric Research (NCAR) will bring NCAR's next generation of supercomputer to Cheyenne (46 miles southeast of Laramie). The state of Wyoming has appropriated \$21 million toward the project and the facility is expected to be functional by 2010.

UW is a thriving research university located in Laramie, Wyoming (pop. 28,000), 130 miles northwest of Denver. Laramie is a picturesque and friendly town offering a reasonable cost of living and easy access to outdoor activities in the Rocky Mountain region. Additional information on the Department, College, SER, EORI, and Laramie is available at: <http://www.eng.uwyo.edu/chemical>, <http://www.eng.uwyo.edu/>, <http://www.uwyo.edu>, <http://uwacadweb.uwyo.edu/SER/>, <http://eori.uwyo.edu/>, and <http://www.laramie.org>.

#### Required qualifications:

- Ph.D. in Petroleum Engineering, or closely related field.

**Applications must include:** 1) a letter of application, 2) curriculum vita, 3) a statement of research and teaching interests, and 4) a minimum of three reference contacts. Review of applications will begin January 2008 and continue until the position is filled.

#### Applications should be submitted to:

Faculty Search Committee Chair  
Department of Chemical and Petroleum Engineering  
University of Wyoming  
1000 E. University Ave, Department 3295  
Laramie, WY 82071-2000

#### Submit electronically to:

Ms. Heather Warren  
[HWarren@uwyo.edu](mailto:HWarren@uwyo.edu)

The university adheres to the principles of affirmative action and welcomes applications from qualified individuals, independent of race, color, religion, sex, national origin, disability, age, veteran status, sexual orientation or political belief. We welcome applications from underrepresented groups, including women and people of color.

## Assistant Professor of Chemical Engineering

The Department of Chemical Engineering at Lafayette College invites applications for a tenure track assistant professor position at an exclusively undergraduate program, beginning in July 2008. Candidates for the position will be considered from all areas of chemical engineering, but research in biomolecular engineering is a plus. The ability to teach a variety of undergraduate chemical engineering courses and laboratories is necessary. Industrial experience or the ability to teach design courses is also beneficial. Qualifications include potential for excellence in teaching and advising student research and design projects. Applicants must have a Ph.D. in chemical engineering or a closely related field. Lafayette College is a small, private, undergraduate-only institution emphasizing superior education in engineering and the liberal arts and science. The College is located in eastern Pennsylvania, 70 miles from both New York City and Philadelphia. A letter of application, including a resume or curriculum vita and brief teaching and research plans, should be sent to: Dr. Polly R. Piergiovanni, Dept. of Chemical Engineering, Lafayette College, Easton, PA 18042. Email: [PiergioP@lafayette.edu](mailto:PiergioP@lafayette.edu). Review of applications will begin November 30, 2007, and will continue until the position is filled.

# LAFAYETTE

A NATIONAL REPUTATION FOR ACADEMIC EXCELLENCE



**BUCKNELL UNIVERSITY** invites applications for a tenure-track position at the entry-level assistant professor rank in chemical engineering to begin in Fall 2008. 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, sustainable, or biological 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 3,400 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 engi-

neering may be found at [www.bucknell.edu/chemicalengineering](http://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, 2007, and continue until the position is filled.**

### 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 chemical-process safety. 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 25 full-time faculty with 140 graduate students, and has over \$15 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 Thomas K. Wood, 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.

### VILLANOVA UNIVERSITY, CHEMICAL ENGINEERING

Villanova University invites applications for two tenure-track positions in the Department of Chemical Engineering to begin in August 2008. 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. One position is for candidates whose research interest is in biotechnology or molecular biology. The other position has a preference for a research area of biotechnology or nanoscale material science. Appointment at either a junior level 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. Its College of Engineering is fully accredited by ABET. The Chemical Engineering Department offers programs leading to the B.S. and M.S. degrees and participates in the interdisciplinary program offered by the College of

Engineering leading to the Ph.D. degree. **Send a letter of application including research and teaching interests, curriculum vitae, and the names of at least three references by December 15, 2007 to Dr. William Kelly, Search Committee Chair, Department of Chemical Engineering, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085.** Review of applications will begin immediately and will continue until the position is filled. Villanova is an EEO-AA employer.

### UNIVERSITY OF HOUSTON, DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING, FACULTY POSITIONS AVAILABLE

The Chemical & Biomolecular Engineering Department at the University of Houston seeks faculty candidates with exceptional promise for effective teaching and pioneering research. Although the research fields are open, we are especially interested in candidates specializing in biomolecular engineering, and alternative energy (fuel cells, hydrogen generation & storage); and materials engineering (catalytic, polymeric, electronic, nanostructured). We will consider candidates at the tenure-track Assistant Professor through Professor levels. Senior-level candidates must possess outstanding records. Appointment to our faculty requires a PhD in chemical engineering or a related field. **Please send curriculum vitae, detailed description of research interests, your e-mail address, and names and e-mail addresses of at least THREE references to: Chemical & Biomolecular Engineering Faculty Search Committee, Engineering Bldg. 1, Room S-222, University of Houston, Houston, TX 77204-4004.** The University of Houston is an Equal Opportunity/Affirmative Action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply. <http://www.chee.uh.edu>.

### 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 related disciplines. Preference will be given to candidates demonstrating outstanding potential to conduct fundamental research leading to applications in conventional or alternative energy sources. Possible research areas include (but are not limited to) interfacial phenomena, fossil and unconventional fuels, carbon sequestration, materials for energy applications, solar energy, and biofuels. **Applicants should send a CV, statement of research and teaching interests, and a list of at least three references to Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, MS-362, Rice University, P.O. Box 1892, Houston, TX 77251-1892. Electronic submissions should be sent to [chbe-search@rice.edu](mailto:chbe-search@rice.edu).** Rice is an equal opportunity, affirmative action employer and welcomes applications from women and members of underrepresented minority groups.



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

The Department of Chemical Engineering seeks outstanding applicants for tenured and tenured-track faculty positions. 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, systems engineering, polymers, materials science and microelectronics. 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 late November 2007. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/ Affirmative Action Employer.

## THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT IOWA STATE UNIVERSITY

(<http://www.cbe.iastate.edu/>) is soliciting applications and nominations for tenure-track or tenured faculty positions at the Assistant, Associate or Full Professor level to join a collegial, supportive, and diverse faculty of 18. Responsibilities will include training of graduate students as well as undergraduate education and service activities. The department has a dynamic research environment with thrusts in advanced materials, reaction engineering and modeling, and biotechnology/biobased products. All these programs involve interdisciplinary collaborations across the campus and the strong support of University centers in those areas. All applicants should have a Ph.D. in chemical engineering or a related field. Applicants will have demonstrated research accomplishments and the potential for continuing excellence in both research and teaching commensurate with the level of the position. The research area is open. However, applicants that complement and strengthen our existing research programs are especially welcome. **All applications must be submitted electronically for vacancy #070891. Qualified applicants should visit [www.iastatejobs.com](http://www.iastatejobs.com), complete the employment application and attach (1) a curriculum vitae, (2) statements of research and teaching interests not to exceed three pages total, and (3) contact information for at least three references.** For earliest consideration, applications should be received by January 12, 2008. However, applications received after this date will also be considered until the position is filled. If you have questions regarding this vacancy, please contact Rodney O. Fox at [rofox@iastate.edu](mailto:rofox@iastate.edu) or 515/294-9104. Direct questions regarding this application process to [employment@iastate.edu](mailto:employment@iastate.edu) or 515/294-2936. Iowa State University is an Equal Opportunity/Affirmative Action Employer with NSF ADVANCE funding to support its integrative approach to enhance the success of women faculty in STEM fields.

## THE DEPARTMENT OF CHEMICAL ENGINEERING AT TEXAS TECH UNIVERSITY

invites applications for multiple tenure-track positions at the assistant or associate professor level. Outstanding candidates with expertise in research areas such as cellular engineering, systems biology, biomaterials, neuroscience and engineering, metabolic engineering, nanotechnology, polymer and materials engineering, alternative energy sources, biofuels, process control and optimization, and molecular modeling are encouraged to apply. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field. The ideal candidate will have at least one degree in Chemical Engineering. During the last four years, the department had average annual research expenditures of \$2.23 million in the following four focus areas: Bioengineering and Biotechnology; Polymers, Material Science, and Rheology; Process Control and Optimization; and Computational Methods in Chemical Engineering. The research environment at Texas Tech features a \$37 million Experimental Sciences Building (ESB) for interdisciplinary research. The ESB houses core facilities for Biotechnology and Genomics, Imaging and Bioinformatics, as well as Plant Growth Chambers, and an animal care facility. The Chemical Engineering Department will also have significant

research space in the \$10 million renovated Livermore Building, a project to be completed by the fall of 2008. The TTU Health Sciences Center, adjacent to the TTU general academic campus, likewise offers collaborative opportunities for biomedical research. The Department is also home to the Process Control and Optimization Consortium, which attracts significant industrial participation. Successful candidates will be expected to develop an independent research program, to teach existing graduate and undergraduate courses in chemical engineering, and to develop new courses. **Please apply on-line at <http://jobs.texas-tech.edu>, using 62249 or 75214. Applicants should send a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references to: Chair- Search Committee, Department of Chemical Engineering, Texas Tech University, Box 43121, Lubbock, TX 79409-3121.** Review of applications will begin on November 1, 2007; and applications will be accepted until the positions are filled. Candidates must be currently eligible to work in the United States. Texas Tech University is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

## DEPARTMENT HEAD CHEMICAL ENGINEERING

Rose-Hulman Institute of Technology, *U.S. News and World Report's* top BS/MS college of engineering and science for 9 straight years, is seeking an outstanding educator with appreciation of the importance of teaching to be Head of its Chemical Engineering Department. Appropriate Ph.D. and demonstrated excellence in undergraduate teaching is required. Industrial experience desirable. The department offers an ABET accredited BS in Chemical Engineering, a minor in Biochemical Engineering, and the MS in Chemical Engineering. A program description may be found in the "Academics" area of [www.rose-hulman.edu](http://www.rose-hulman.edu). **Interested and qualified persons should submit a letter of application, resume, and contact information for five references online at: <https://jobs.rose-hulman.edu>. Official letters of recommendation and transcripts should be sent to Dr. Art Western, Vice-President for Academic Affairs, Rose-Hulman Institute of Technology, Terre Haute, IN 47803. 812-877-8288, [arthur.western@rose-hulman.edu](mailto:arthur.western@rose-hulman.edu). EEO/AA**

## McGill University



## FACULTY POSITIONS IN THE DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at McGill University invites applications for two tenure-track appointments at the level of Full, Associate or Assistant Professor. We are looking for applicants with a chemical engineering background conducting research on advanced materials or energy; however any excellent candidate with a background in chemical engineering will be considered. The successful candidate will be expected to participate in teaching at both the undergraduate and graduate levels and to develop a successful research program. Applicants must be eligible for membership in a professional engineering licensing body.

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

Applications will be reviewed starting on January 1, 2008 and will continue until the positions are filled. Send a resume, the names of three references and a brief research and teaching plan to the address below or by email to: [jean-luc.meunier@mcgill.ca](mailto:jean-luc.meunier@mcgill.ca), or to the following address: Professor J.-L. Meunier, Department of Chemical Engineering, McGill University, 3610 University Street, Montreal (QC), Canada H3A 2B2.

## UNIVERSITY OF WASHINGTON DEPARTMENT OF CHEMICAL ENGINEERING FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications or nominations for two full-time, tenure-track faculty positions to begin September 16, 2008. The Department is seeking at the Assistant and Associate Professor levels, although an appointment may be made at the rank of Professor if circumstances and qualifications warrant. We are a faculty of 14 with 60 graduate students and 130 undergraduates (juniors and seniors only). Research strengths include, nanotechnology, photonics, biotechnology, immunology, organic electronics, electrochemical engineering, fuel cells, computational methods, colloids, and interfacial phenomena. Additional information about the Department can be found at <http://www.cheme.washington.edu/>. Applications in the areas of energy, biomolecular and nanoscale systems, and organic and molecular electronics or related fields will be considered. Candidates must demonstrate outstanding potential for high impact research as judged, in part, by their publication record. University of Washington faculty engage in teaching, research, and service. Candidates will be expected to provide innovative and quality teaching that integrates molecular and nanoscale principles of research with instruction at both the undergraduate and graduate levels. A Ph.D. degree is required. Candidates in the final stages of a doctoral degree program may be appointed on an acting basis. **Please apply online at <https://www.engr.washington.edu/facsearch/> with a letter of application, a detailed curriculum vitae, a list of publications, a statement of research and teaching interests, and the name, address, and phone number of at least three references.** Applications received by December 15, 2007, will be given priority consideration, and the positions will remain open until they are filled. The University of Washington was awarded an Alfred P. Sloan Award for Faculty Career Flexibility in 2006. In addition, the University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. The University of Washington is an Affirmative Action, Equal Opportunity employer.

## MECHANICAL ENGINEERING - WRIGHT STATE UNIVERSITY

Wright State University (WSU) invites applications for two tenure-track faculty positions in the Department of Mechanical and Materials Engineering: one with a specialization in alternative energy and one with a specialization in Experimental Fluid Dynamics/Heat Transfer/ Thermodynamics. The alternative energy position can be wind, solar, fuel cells, biomass, geothermal, coal gasification, hydrogen fuel, ocean energy, etc. Persons involved in the design and manufacture of equipment used in the alternative energy field are especially encouraged to apply. The second position includes any type of experimentalist in the thermal-fluid sciences. Persons involved in unsteady fluid dynamics are especially encouraged to apply. Both openings are at the assistant professor level; however, exceptional candidates at the associate or full professor level will also be considered. The successful candidate will be expected to develop a funded research program and teach courses in Mechanical Engineering at both the undergraduate and graduate levels. Applicants must anticipate an earned PhD in Mechanical Engineering or related discipline before the start date of September 1, 2008. Applicants for assistant professor are expected to show propensity for scholarship, generating a research program, and teaching. Consideration for higher ranks must have a Ph.D., significant additional experience, and a demonstrated proficiency in scholarship, sponsored research, and teaching commensurate with the level sought. **Applicants for the alternative energy position should e-mail a resume and the names of three references to Courtney Center ([courtney.center@wright.edu](mailto:courtney.center@wright.edu)). Applicants for the experimental thermal-fluids position should e-mail a resume and the names of three references to Paula Esken ([paula.esken@wright.edu](mailto:paula.esken@wright.edu)). The mailing address for these individuals is: Department of Mechanical and Materials Engineering, Wright State University, Dayton, OH 45435.** Review of applications will begin December 10, 2007 and continue through January 30, 2008. WSU is a public institution of over 16,000 students located in a technologically rich region of southwestern Ohio next to Wright-Patterson Air Force Base. The

Department has recently received funding for a Center of Advanced Power and Energy Conversion. Wright State University is an Affirmative Action/Equal Opportunity employer.

## ASSISTANT/ASSOCIATE/FULL PROFESSOR CHEMICAL ENGINEERING PROGRAM

The Chemical Engineering Program of the Department of Chemical, Materials and Biomolecular Engineering at the University of Connecticut invites applications for tenure-track positions at the Assistant, Associate and Full Professor levels. They are expected to establish and maintain an independent, nationally visible research program within the Chemical Engineering Program, and teach undergraduate and graduate level chemical engineering courses. The successful candidates are also expected to be an active participant in one or more of the interdisciplinary research centers at the University (e.g., the Center for Environmental Sciences and Engineering, the Biotechnology-Bioservices Center, the Institute of Materials Science, the Booth Engineering Center for Advanced Technology and the Connecticut Global Fuel Cell Center). Qualifications: Applicants must have a PhD in chemical engineering or a closely related field. Candidates for senior positions must have a demonstrated research and publication record and must have experience at teaching core courses in the chemical engineering curriculum. All areas of research will be considered however applicants with expertise in thermodynamics, computational methods and optimization are particularly desirable to complement existing faculty expertise in the areas of biomolecular engineering, polymer engineering and alternative energy. Salary and rank will be commensurate with qualifications. **Applicants should submit a curriculum vitae, a 5 – 10 page research plan, a 1 – 3 page teaching plan and at least three references (including name, position, address, phone and email) to: Chemical Engineering Faculty Search, Dept. of Chemical, Materials and Biomolecular Engineering, University of Connecticut, 191 Auditorium Rd., Storrs, CT 06269-3222. Please reference Search #2008181 (Asst/Assoc), 06A227 (Full) or 05A463 (Asst/Assoc).** Review of applications will start immediately and continue until the positions are filled.

## 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. There are no restrictions on research area for candidates; however, preference will be given to research interests 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](mailto: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.

## 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. Michigan Technological University is one of the top 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. 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 exceed \$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/](http://www.chem.mtu.edu/chem_eng/). **Applications, nominations, and inquiries should be sent to: Dr. John Sandell, Search Committee Chair, Department of Chemical Engineering, 1400 Townsend Dr., Houghton, MI 49931 (phone: 906-487-2557; fax 906-487-3213; email: jfsandel@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.

#### WVNAO/WEST VIRGINIA UNIVERSITY TENURE-TRACK POSITIONS IN NANOSCALE SYSTEMS

West Virginia University invites applications for four tenured or tenure-track positions, each serving an integral role enabling discovery in advanced biomolecule sensing, control, and delivery; nanofluidics; and drug discovery and delivery through an integrative approach to combining nanobioscience, nanoscale structures, device development, and integrative system development. Areas of specific interest include exploration of novel interactions between biomolecular and inorganic/semiconductor device components; molecular or biological scaffolds to form functionalized surfaces or discrete entities; novel material modification at the nanoscale to minimize non-specific adsorption and/or facilitate the attachment of biomolecular recognition elements; and synthesis of modified biomolecules for altered cellular function or substrate recognition. A Ph.D. in the physical, biological, engineering or biomedical sciences is required. West Virginia University ([www.wvu.edu](http://www.wvu.edu)) is a comprehensive land grant research institution with comprehensive health sciences enrolling over 27,000 students in 113 degrees programs. These positions are enabled by WVNano ([wvnano.wvu.edu](http://wvnano.wvu.edu)), WVU's nanoscale science, engineering, and education initiative and the Colleges of Arts and Sciences and Engineering, and the Schools of Medicine and Pharmacy. The successful candidate will be appointed in the academic department with which the applicant has the strongest disciplinary synergy, and will serve an integral role within WVNano. In addition to start-up resources, state-of-the-art chemical, biochemical, computational, growth, fabrication, microscopy, and characterization facilities are available through WVNano. The successful candidate will demonstrate the ability to develop a vigorous extramurally funded research program in their area of specialization, build effective collaborations, and demonstrate potential for excellence in teaching. **Interested candidates must send a CV along with a letter of application, a statement of research interests, a statement of teaching philosophy, and three letters of references to [nanosearch@mail.wvu.edu](mailto:nanosearch@mail.wvu.edu).** Review of completed applications will begin immediately and the positions will remain open until filled. West Virginia University is an affirmative action, equal opportunity employer dedicated to building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment. Applications are strongly encouraged from women, minorities, individuals with disabilities and covered veterans. For further information, contact Lawrence Hornak or Thomas Myers WVNano Co-directors at [wvnano@mail.wvu.edu](mailto:wvnano@mail.wvu.edu) (queries only). This announcement can be made available in alternative format.

#### CHEMICAL ENGINEERING FACULTY POSITION ANNOUNCEMENT

The Chemical Engineering Department of Brigham Young University (BYU) announces an opening for a continuing-status track faculty position. The department provides a thorough undergraduate education to excellently prepared students, and maintains a rigorous and productive graduate program. Additional department information appears at [www.et.byu.edu/cheme](http://www.et.byu.edu/cheme). The position is open to all candidates regardless of research area. The new faculty member will be expected to excel in teaching, and to develop an externally-funded research program. Initial rank will be consistent with qualifications and experience. Undergraduate and doctoral degrees in chemical engineering or a related field are

required. BYU, an equal opportunity employer, requires all faculty to observe the university's honor code and dress and grooming standards (<http://honorcode.byu.edu/>). Preference is given to qualified members in good standing of the affiliated church, The Church of Jesus Christ of Latter-day Saints. **Interested applicants should submit to the search committee a curriculum vitae, statements of research and teaching objectives, names of 3 professional references, a list of publications and awards, and also should complete the online BYU employment application (see <https://yjobs.byu.edu>).** Review of applications will begin December 1, 2007. Questions should be addressed to Vincent Wilding, Search Committee, Chemical Engineering, 350 CB, Brigham Young University, Provo, UT 84602, [wildingv@byu.edu](mailto:wildingv@byu.edu), ph 801-422-2393.

#### THE CHEMICAL ENGINEERING DEPARTMENT AT LAMAR UNIVERSITY

invites applications for a tenure-track faculty position at the Assistant Professor level. Lamar University is a member of Texas State University System with approximately 10,000 students, located in southeast Texas known for petrochemical and refineries. The Department awards the BS, MS, PhD and DE degrees. Applicants must have a Ph.D. in chemical engineering or a closely related discipline and a strong commitment to excellence in research and teaching. The Department currently comprises of twelve (12) faculty members with research activities in environmental air and water pollution control, fuel cell and renewable energy, thermodynamics, green chemistry and green engineering, process simulation, optimization and control. Applications will be considered from any strong candidate whose expertise fits well with existing research programs within the department. Please visit our website at <http://www.lamar.edu> for more information. **Interested candidates should send curriculum vitae, statement of teaching and research interests, and names and addresses of three referees to: Chair, Faculty Search Committee, Department of Chemical Engineering, Lamar University, Beaumont, TX 77710.** Review of applications will start November 1, 2007 and will continue until the position is filled. Lamar University is an Equal Opportunity/Affirmative Action Employer.



AUS

American University of Sharjah

College of Engineering

### FACULTY OPENINGS

Department of Chemical Engineering

ABET accredited programs

The Department of Chemical Engineering at the American University of Sharjah (AUS) invites applicants of all ranks for full-time faculty positions, beginning August 2008. Research interests in the area of thermodynamics 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. Applicants should send CVs to the Chemical Engineering Search Committee: [soeche@aus.edu](mailto: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, see our website at [www.aus.edu](http://www.aus.edu)



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**UNIVERSITY OF DAYTON, ASSISTANT PROFESSOR,  
DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING.**

Applications are invited for a tenure-track assistant professorship in the area of Chemical Engineering commencing August 2008. Candidates should possess an earned doctorate in Chemical Engineering, Bio-engineering, or closely related field. The successful candidate will be expected to teach undergraduate and graduate courses as well as establish and maintain an externally funded research program. Of particular interest will be candidates with a bio-engineering background and research plans. **Applicants should submit a complete curriculum vitae, statement of teaching and research objectives, and the names and contact information for three references to Search Committee Chair, Department of Chemical and Materials Engineering (KL 445), University of Dayton, 300 College Park, Dayton, Ohio 45469-0246. Alternatively, application materials can be submitted via e-mail to CMEfacultysearch@notes.udayton.edu (single Word document or .pdf file).** Review of applications will begin on February 1, 2008 and continue until the position is filled. The University of Dayton, a comprehensive Catholic University founded by the Society of Mary in 1850, is an Equal Opportunity/Affirmative Action employer. Women, minorities, individuals with disabilities and veterans are encouraged to apply. The University of Dayton is firmly committed to the principles of diversity.

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**UNIVERSITY OF CALIFORNIA, RIVERSIDE — THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING** invites applications for tenure-track or tenured faculty positions. Applicants should have a Ph.D. in Chemical or Environmental Engineering or a closely related field and show outstanding records/potential for initiating and sustaining strong research in one of the following areas: 1) Nanostructured materials with focus on biosensors, bioMEMS or nano-biotechnology. 2) Global environmental issues; sustainable energy (biofuels, fuel cells, etc.) with focus on catalysis or biomolecular engineering. 3) Polymer synthesis/engineering with emphasis on nanostructured materials for applications such as fuel cells, photovoltaics, drug delivery, or tissue engineering; polypeptide synthesis. 4) New electronic materials for application in devices for logic and memory storage (spintronics) and 3D-electronics; carbon nanotubes and novel nanomaterials. Rank and salary level will be competitive and commensurate with qualifications. **See [www.engr.ucr.edu/chemenv/](http://www.engr.ucr.edu/chemenv/) for more information and [www.engr.ucr.edu/facultysearch/](http://www.engr.ucr.edu/facultysearch/) for application.** Review of applications will begin on 12/1/2007 and will continue until the positions are filled. EE/AA employer.

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**COLLEGE OF ENGINEERING, ALFAISAL UNIVERSITY  
RIYADH, SAUDI ARABIA**

Alfaisal University is a private, not-for-profit, research university, comprising the Colleges of Engineering, Science and General Studies, Medicine, and Business, and will commence its programs in Fall 2008. The language of instruction is English and modern learning outcomes, paradigms and technologies are used. The university was founded by King Faisal Foundation along with organizations such as Boeing, British Aerospace, Thales, and King Faisal Specialist Hospital & Research Center, who serve on its Board of Trustees. The College of Engineering will offer undergraduate and graduate programs in the following disciplines and subdisciplines: ELECTRICAL (power, communications, signal processing, electronics, photonics), COMPUTER (intelligent systems, language and speech, computer systems, computation), MECHANICAL (applied mechanics, product creation), AEROSPACE (thermo/fluid systems, aerospace systems, transportation, system dynamics and control), MATERIALS (materials processing, materials properties and performance, polymers, nanoscience and technology), CHEMICAL (catalysis, reactor design, design-systems, polymers). All programs have been developed by renowned scholars from leading universities in the U.S. and the U.K., and are designed to be qualified for accreditation according to U.S. and U.K. standards and requirements. Alfaisal Engineering seeks candidates for the following positions, commencing in August 2008: **FOUNDING SENIOR FACULTY** (with instructional, research, and administrative responsibilities), **RESEARCH SCIENTISTS** (academics with research focus), **LECTURERS** (academics with instructional focus), **POST-DOCS** (Doctorate degree holders with research focus), **INSTRUCTORS** (Masters degree holders with instructional focus), and **ENGINEERS** (Bachelors degree holders). Attractive salary and start-up support is provided. **Queries and Applications should be sent to [engnr\\_recruiting@alfaisal.edu](mailto:engnr_recruiting@alfaisal.edu). The subject line should specify the discipline,**

**subdiscipline, position, and the advertisement reference.** The deadline for applications is 31 December 2007. Interviews for leading positions will be conducted in January and February 2008 in Cambridge, MA, USA, and Cambridge, England, U.K.

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**ENDOWED CHAIR POSITION, TULANE UNIVERSITY,  
DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING.**

We invite applications and nominations for The Herman and George R. Brown Chair in Engineering. We seek an outstanding individual with an internationally-distinguished record of research and publication, proven excellence in both undergraduate and graduate chemical & biomolecular engineering education, as well as a demonstrated ability to attract external research support. All research areas will be considered. We especially encourage applications from women, minorities, and persons with disabilities. **Applicants should submit a curriculum vitae, research and teaching plans, and a list of at least three references to: Chair, Endowed Chair Search Committee, Department of Chemical and Biomolecular Engineering, Tulane University, New Orleans, LA 70118.** Complete applications will be accepted and reviewed until the position is filled. Tulane is an affirmative action, equal opportunity employer.

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**THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT TULANE UNIVERSITY** invites applications for tenure-track/tenured faculty positions. Tulane's chemical engineering department is the third oldest in the country, with a vibrant research program in the signature areas of nanotechnology, biotechnology and advanced materials. There are tremendous collaborative opportunities for interdisciplinary research. Candidates should have a demonstrated excellence in research, as well as a chemical engineering background and a strong commitment to excel in both undergraduate and graduate chemical & biomolecular engineering education. **Applicants should submit a curriculum vitae, research and teaching plans, and a list of references to: Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Tulane University, New Orleans, LA 70118.** Applications will be reviewed on an ongoing basis until the positions are filled. We especially encourage applications from women, minorities, and persons with disabilities. Tulane is an affirmative action, equal opportunity employer.

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**RECRUITMENT ADVERTISING RATE INFORMATION****Classifications:**

Positions open – academic and industrial positions

**Issuance:**

Published monthly.

**Closing date:**

3rd Monday of the month prior to that month's issue.  
Next closing date is November 14, 2007.

**Rates:**

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Simply e-mail a word document to [denid@aiche.org](mailto:denid@aiche.org).  
Contact 212-591-7170 or [denid@aiche.org](mailto:denid@aiche.org) for classified display ad and business card ad rates and guidelines for submittal.

**Web posting:**

Classified advertisers receive a \$250/month discount off the normal \$400/month rate to post on CareerEngineer, AIChE's recruiting web site specifically for chemical industry professionals, if a print ad is run in the same month.  
<http://careerengineer.aiche.org>