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## POSITIONS AVAILABLE

### ENGINEER, PYROTECHNICS

Orion Safety Products, a leader in highway and marine emergency signaling products is currently seeking an engineer for its Peru, Indiana facility. Primary duties include product development and the development of the equipment/processes to manufacture those products. Two to four years education in a technical (or related) discipline (Chemical or Mechanical Engineering) or, equivalent combined educational and related work experience. Proven Project Management skills, coordination, timelines, meeting facilitation. Desirable skills: Experience using Design Of Experiment concepts, pyrotechnic experience, knowledgeable in the use of computers and design related software systems (CAD/CAM). DOT/HazMat proven safety leadership. EOE. **Respond to Terry Jones, VP of Mfg, Orion Safety Products, 28320 Saint Michaels Road, Easton, MD 21610 or e-mail Terry@orionsignals.com.**

The Formica Corporation has 2 openings for **Research and Development Chemists** in Cincinnati, OH. The job duties are as follows:

Conducts research, analysis, synthesis and experimentation on phenol and phenolic resins, melamine and melamine resins, formaldehyde resin catalysts and extenders, saturating kraft paper and decorative papers used in the manufacture of decorative high-pressure laminates and direct-fused (TFM) laminates as part of an ongoing program within Formica Corporation of product, process and application development.

Develops new methodologies for the quantitative, qualitative and analytical testing of raw, in-process materials and finished products to continuously improve manufacturing process control and support scrap reduction programs.

Devises new equipment and equipment configuration for phenol formaldehyde and melamine formaldehyde resin mixing, kraft and decorative paper treating and develops resin batching formulas, treating, and hot pressing processes and methods for solution of technical problems associated with the visual aspects, technical performance relative to NEMA and EN standards and fabrication and post-forming application performance.

Conducts chemical analysis of organic and inorganic compounds associated with resin and paper formulation, to determine chemical and physical properties, using IR and UV spectroscopy, spectrophotometry, DMA and DSC.

Formulates new phenol, melamine formaldehyde resin formulations and conducts research on new extenders to modify final resin properties to achieve a level of functionality in the final decorative laminate required for new application or use.

Conducts research into the relationship between decorative high-pressure laminate composition, structure, properties, relationships and finished laminate technical and physical performance.

Prepares technology transfer documentation, performance standards and specifications for new processes, resin formulations and products and manages the technology transfer and manufacturing scale-up of the new product/process.

Maintains an internal Formica Corporation & external network of scientists and engineers regarding research, reviews available new technical papers and technologies.

Experience required: ten years experience in a high-pressure laminate technical environment and commensurate experience in the above responsibilities. Only qualified individuals will be considered. To apply, please visit our Career Center at [www.formica.com](http://www.formica.com), or submit resume to: Formica Corporation Human Resources, 10155 Reading Road, Cincinnati, OH 45241, Job # 1698.

An Equal Employment Opportunity / Affirmative Action Employer, M/F/D/V.

### PROCESS ENGINEER

Seeking entry, mid and senior level. Experience in all phases of petrochemical systems. Must perform computer simulations using Hysis and or Pro II. Experience developing and managing P&IDs and providing quality control on discipline modifications. Experience generating process equipment specifications, line lists, and PSV audit files. Must be able to write standard operating procedure manuals and instruct field personnel on the process and specific details. Experience in completing SIL verification. Must have experience directing and coordinating other discipline work as it relates to process control. North Slope refinery experience preferred. Must be able to travel to remote locations as required. B.S. degree in Chemical Engineering or associated discipline. Project Management Institute (PMI) certification a plus. **Apply on our web site at <http://www.asrcenergy.com/careers/>.**

### IMMEDIATE NEED

We are seeking a significant number of Chemical Engineers with the following skill sets: **Process engineers** - with Chemical and/or Petro-chem or manufacturing experience with 3-5 years of experience minimum. Six Sigma, Lean Manufacturing, SAP is also a plus; **Project engineers** with background in Oil & Gas, Chemical and Petro-chemical experience in Automation and Controls-DCS; **Sr. Project Engineers** with OTS or Dynamic Simulation experience with Refinery, chemical, or Petro-chemical process required. HYSIS experience is a plus. Hands on knowledge of DCS systems; **Process safety engineers** - PHA's, dispersion model tools & explosion models experience necessary. **To post your résumés and for additional career information go to: <http://www.honeywell.com/careers/josearch.html>.**

### 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).**

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That's Why We Need You.



#### Process Engineers Southern California Offices

Fluor has an immediate need for Process Engineers (all levels) with process design experience in petroleum refining, petrochemicals, gas processing, coal gasification, GTL plants, and chemical plants.

You will be responsible for process work such as process simulations in Hysys, Pro II and Aspen; process flow diagrams; process equipment design; and P&ID's.

Requirements include a Bachelor's degree or Master's degree in Chemical Engineering with a minimum of 5+ years of applicable industry experience. In addition, you must be capable of performing process studies, conceptual design, front-end engineering and detailed engineering as well as applying chemical engineering principles to the work process. The ability to work in a project oriented environment and interface effectively with project and engineering disciplines is necessary.

Salary equal to your experience and performance, with generous benefits including, health, dental, 401(k), defined retirement plan and more. To apply, visit our web-site at: [www.fluor.com/careers](http://www.fluor.com/careers).

Fluor is an Equal Opportunity Employer that recognizes the value of a diverse workplace. M/F/D/V.

**FLUOR**

## ACADEMIC OPENINGS

### FACULTY POSITION IN CHEMICAL ENGINEERING AT YALE UNIVERSITY

The Department of Chemical Engineering at Yale University invites applications for a tenure-track faculty position at the Assistant Professor level. The search is focused on individuals demonstrating outstanding potential, and with research interests on the biomolecular/biological side of modern chemical engineering, including bioseparations, biocolloids/biointerfaces, biomaterials, and bionanotechnology. The successful candidate will be expected to develop a creative and dynamic externally-funded research program, teach undergraduate and graduate courses in chemical engineering, and advise graduate students. With exciting programs at the forefront of the biological, medical, physical, and engineering sciences, Yale offers an ideal intellectual setting for a flourishing academic career in biomolecular/biological engineering. **Nominations and applications with a detailed resume, a description of research and teaching interests, and names and addresses of four references should be sent to: Chair, Chemical Engineering Search Committee, Department of Chemical Engineering, Yale University, P.O. Box 208286, New Haven, CT 06520-8286.** Review of applications will begin September 15, 2007 and continue until the position is filled. Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of underrepresented minority groups. See <http://www.eng.yale.edu/content/DPChemicalEngineering.asp> for further information on our department.

### 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.

"Our work is more than a job, it's a  
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Bradford Ng, Research Analyst,  
Ph.D., Chemistry

Anita Hattiangadi, Research Analyst  
M.A. Economics

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



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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.

**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>.

**CLEMSON UNIVERSITY  
CHEMICAL AND BIOMOLECULAR ENGINEERING**

Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for multiple openings 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 and Biomolecular Engineering are sought, especially in the area of biomass conversion to fuels and polymers. Candidates must have an earned Ph.D. in Chemical Engineering or a closely related field. **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 The Chair of the Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Clemson University, Clemson, SC 29634-0909 or [ChBESearch@ces.clemson.edu](mailto:ChBESearch@ces.clemson.edu).** Review of applications will begin on October 15, 2007. Applications received by December 15, 2007 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/>.



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## INTERESTED IN TEACHING AND IN BIOCHEMICAL ENGINEERING?

The Department of Chemical Engineering at ROSE-HULMAN INSTITUTE OF TECHNOLOGY seeks an exceptional educator and scholar with a promise of excellence in teaching, a strong desire for student interaction in and out of the classroom, and commitment to technical and professional growth. We have an opening for a tenure-track position at any rank, commensurate with qualifications, starting Fall 2008. We expect the candidate to continue to grow our biochemical engineering program. A PhD in Chemical Engineering is required. Industrial and teaching experience in the biochemical engineering area is highly desirable. **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 at least three references via online application at <https://jobs.rose-hulman.edu>.** For additional inquiry, please contact Dr. Hossein Hariri at: [m.h.hariri@rose-hulman.edu](mailto:m.h.hariri@rose-hulman.edu). Applications received by October 8, 2007 will receive full consideration. Applications will be accepted after October 8, 2007 until the position is filled. EEO/AA.

## 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](mailto: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](mailto: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.



## Faculty Position

The Department of Chemical Engineering at Penn State (<http://www.che.psu.edu>) invites applications for a tenure-track faculty position at the Assistant, Associate, or Full Professor level. The Department has several endowed positions available, including the Friederich G. Helfferich Professorship in Chemical Engineering. Specific areas of interest include, but are not limited to, catalysis, energy applications, biomaterials, electronic materials, and the environment. Penn State is home to the Huck Institutes of the Life Sciences (<http://www.lsc.psu.edu/>), the Materials Research Institute (<http://www.mri.psu.edu/>), and the Penn State Institutes of Energy and the Environment (<http://www.environment.psu.edu/>), all of which coordinate internationally recognized interdisciplinary programs focused on developing new approaches to critical areas of science and technology. 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. 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:

FACULTY SEARCH COMMITTEE  
DEPARTMENT OF CHEMICAL ENGINEERING  
THE PENNSYLVANIA STATE UNIVERSITY  
158 FENSKE LABORATORY  
UNIVERSITY PARK, PA 16802-4400

Applications will be considered until the position is filled. We encourage applications from individuals of diverse backgrounds

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

**PENN STATE Making Life Better**

## 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. The successful applicant's research interests 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: [cheseach@sol.rutgers.edu](mailto:cheseach@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 begin September 30, 2007 and 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.



## CORNELL UNIVERSITY, SCHOOL OF CHEMICAL & BIOMOLECULAR ENGINEERING, TENURE-TRACK PROFESSOR

Cornell University invites applications for a tenure-track or tenured position in the School of Chemical and Biomolecular Engineering at any rank (Assistant, Associate, or Full Professor) consistent with the candidate's experience and achievements. The successful candidate must demonstrate the ability to build a strong research program, and to effectively teach and mentor undergraduate and graduate students. All research areas will be considered, with preference given to those in the broad area of biomolecular engineering. The successful candidate can expect to benefit from associations with Cornell's interdisciplinary research centers, national facilities and resources in nanobiotechnology, biotechnology, nanoscale systems, materials research, nanofabrication, a High Energy Synchrotron Source and supercomputing facilities ([www.engineering.cornell.edu/research/research-centers](http://www.engineering.cornell.edu/research/research-centers)). Additionally, Cornell University provides an environment that promotes collaboration with other faculty campus-wide, as exemplified by Cornell's initiatives in Life Sciences, Sustainable Development, and Advanced Materials. The School of Chemical and Biomolecular Engineering, and the College of Engineering, are committed to increasing the diversity of the faculty and we strongly encourage people from under-represented minority backgrounds to apply. Cornell is an innovative, inclusive and dynamic teaching and research university where staff, faculty, and students alike are challenged to make an enduring contribution to the betterment of humanity. Cornell is committed to being a supportive, family-oriented employer. **Applicants should submit a curriculum vita, a research statement, a teaching statement, copies of key publications and names of at least three references to the Faculty Search Committee, Attn: Paulette Clancy, Director, School of Chemical and Biomolecular Engineering, 120 Olin Hall, Cornell University, Ithaca, NY 14853 or via email to: [cbe\\_director@cornell.edu](mailto:cbe_director@cornell.edu).** Located in the Finger Lakes Region of New York State, Cornell University is an equal opportunity, affirmative action educator and employer.

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

Applications and nominations are invited for a tenure-track position at the assistant professor level in the broad area of biomolecular engineering, including subspecialties such as protein design and engineering, cellular and metabolic engineering, nanobiotechnology, systems biology, and synthetic biology. Individuals with outstanding academic records who are dedicated to excellence in research and education are encouraged to apply. This position will augment recent faculty expansion in this area. Abundant opportunities for extra-departmental collaboration include the UT Medical Center, the Department of Biochemistry, Cell, and Molecular Biology, the Department of Microbiology, the Joint Institute for Biological Sciences shared by UT and Oak Ridge National Laboratory (ORNL), and the UT-ORNL Genome Sciences and Technology Program. Applicants must have or expect to have shortly the Ph.D. degree in chemical engineering or a related discipline and must show potential to develop an outstanding research program. Successful applicants will direct graduate Ph.D. and M.S. students in their dissertation and thesis research, teach undergraduate and graduate chemical and biomolecular engineering courses, participate in departmental efforts to provide a high quality education for our students, and facilitate intra- and interdepartmental collaborative research efforts. **Interested individuals should submit a letter of application including a statement of research and teaching interests and plans, current resume, copies of up to three pertinent publications, and names and contact information of at least three references to [chefacultysearch@utk.edu](mailto:chefacultysearch@utk.edu) (electronic submissions are highly encouraged) or to Dr. Eric Boder, Faculty Search Committee Chair, Department of Chemical and Biomolecular Engineering, 419 Dougherty Engineering, University of Tennessee, Knoxville, TN 37996-2200.** Review of applications will begin on November 15, 2007 and continue until the position is filled. The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status.



UNIVERSITY of 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.



### FACULTY POSITION IN ENERGY REACTION ENGINEERING

THE OHIO STATE UNIVERSITY, College of Engineering invites applications for a tenure track faculty position in the area of **Reaction Engineering** with energy-related research interests in fuel cells, catalysis, process control and design, particle technology, reactive system computation, and/or coal science and engineering. Collaborative research opportunities exist in the new Center for Energy, Sustainability and the Environment at OSU.

We are seeking highly qualified candidates with a PhD degree in Chemical Engineering or allied field, a record of outstanding research accomplishments, and a strong commitment to teaching excellence.

Applicants should submit a letter expressing interest in the position, a detailed curriculum vitae, names and addresses of 3-5 references, and a statement of teaching and research interests to:

**Energy Systems Faculty Search**  
energy-search@osu.edu  
c/o Ms. Pat Hall,  
The Ohio State University  
930 Kinnear Road  
Columbus, OH 43212

The search will remain open until the position is filled.

The Ohio State University is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.



### THE OHIO STATE UNIVERSITY, DEPARTMENT OF CHEMICAL & BIOMOLECULAR ENGINEERING

invites applications for a tenure-track faculty position created through the University's academic enrichment program. We are seeking highly qualified candidates with a Ph.D. degree in Chemical Engineering or allied field, a record of outstanding research accomplishments, and a strong commitment to teaching excellence. All research areas will be considered, although special consideration will be given to applicants with interdisciplinary research experience in the following areas:

**Biomolecular Engineering** with systems-biology research interests in the dynamics of biological systems. Collaborative research opportunities exist in the proposed Center for Cell Engineering and in the Mathematical Biosciences Institute and Biomedical Informatics at OSU.

**Advanced Materials** with focus on the synthesis and modeling of functional materials and complex systems. Collaborative research opportunities exist in the NSF Center for Nanoengineering of Polymer Biomedical Devices, Wright Center of Innovation for Multifunctional Polymer Nanomaterials and Devices, and NSF Center for Advanced Polymer and Composite Engineering at OSU.

Applicants should submit a letter expressing interest, a detailed curriculum vitae, names and addresses of 3-5 references, and a statement of teaching and research interests to: **Professor M. E. Paulaitis, Department of Chemical and Biomolecular Engineering, The Ohio State University, 140 W. 19th Avenue, OH 43210-1180. Phone: 614-247-8847, Fax: 614-292-3769, Email: paulaitis.1@osu.edu.** Electronic applications are encouraged to facilitate a fast-track review by the Search Committee. The search will remain open until the positions are filled.

The Ohio State University is an Equal opportunity/Affirmative Action Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

### TENURE-TRACK FACULTY POSITION, CHEMICAL ENGINEERING DEPARTMENT, UNIVERSITY OF LOUISVILLE

Applications are invited for a tenure-track faculty position in the Chemical Engineering Department, University of Louisville, at the Assistant Professor level, with preferred starting date of July 1, 2008. Successful candidates will contribute to the core teaching mission of the department by teaching undergraduate and graduate courses in Chemical Engineering. The candidate is expected to develop a nationally-recognized, externally funded research program on micron-scale technology applied to the development of advanced materials, energy sources, drug delivery systems, chemicals or sensors. His or her research should leverage the University's new class 100 microfabrication cleanroom facilities. The successful candidate will have a bachelor's degree in Chemical Engineering, an earned doctorate in Chemical Engineering or related field and be proficient with oral and written communication skills in English. Review of applications will begin October 1, 2007 and will continue until the position is filled. **Must apply only on-line at <http://louisville.edu/jobs> (Reference Job ID 21957) and provide curriculum vitae, contact information for at least three references, and a brief statement of research and teaching interests.** For more information, please contact mahendra.sunkara@gmail.com or visit the department's web site at [www.louisville.edu/speed/chemical](http://www.louisville.edu/speed/chemical) or other related websites at [www.louisville.edu/micronano](http://www.louisville.edu/micronano) and [www.louisville.edu/iamre](http://www.louisville.edu/iamre). Minority and female candidates are encouraged to apply. The University of Louisville is an equal opportunity, affirmative action employer.

### BIOMEDICAL ENGINEERING ASSISTANT/ASSOCIATE PROFESSOR POSITION DEPARTMENT OF CHEMICAL ENGINEERING WEST VIRGINIA UNIVERSITY

The Department of Chemical Engineering at West Virginia University is soliciting applications for a tenure-track Assistant/Associate Professor in the area of Tissue Engineering. Research expertise is required in the principles of biomaterials and cell biology directed towards specific tissue engineering applications including one or more of the following areas: regenerative medicine, biomedical implants, cell therapy, and stem-cell cultures. A BS in chemical engineering is required and a doctoral degree in chemical engineering is preferred, although a doctoral degree in another relevant biomedical research field is also acceptable. The successful candidate is expected to develop externally funded research programs, to support graduate students, to publish archival papers, and to make presentations at national meetings. The candidate will also be required to develop courses at the undergraduate and graduate levels that will contribute to the Department's teaching mission and specifically to the on-going effort in establishing a biomedical engineering option at the undergraduate level. Strong oral and written communication skills are important. In addition, it is expected that the successful candidate will interact with other researchers in the Department of Chemical Engineering, the College of Engineering and Mineral Resources, and at the WVU Health Sciences Center

with the view to establishing interdisciplinary research in tissue engineering or closely related fields (<http://www.hsc.wvu.edu/som/centersInstitutesAndInitiatives.asp>). West Virginia University is a comprehensive land-grant institution with an enrollment of over 28,000 students, and a Carnegie Class 1 research standing. The College of Engineering and Mineral Resources has seven departments, over 2,900 students, 110 faculty, and approximately \$25M in research expenditures per annually. The Department of Chemical Engineering has 12 tenure-track faculty members and approximately \$3M in annual research expenditures, and offers BS, MS and PhD degrees in chemical engineering. For more information on WVU and Morgantown see: <http://www.wvu.edu> and <http://www.morgantown.com>. Review of the applications will commence on October 15, 2007 and will continue until the position is filled. Women and minorities are strongly encouraged to apply. **Applicants should send a cover letter describing their qualifications to Professor John W. Zondlo, Chair - Search Committee, Department of Chemical Engineering, West Virginia University, PO Box 6102, Morgantown, WV 26506-6102.** Applicants should enclose a CV, a teaching plan, a research plan, and names and contact information for three references. **Electronic submissions are preferred and should be sent to [che-search@mail.wvu.edu](mailto:che-search@mail.wvu.edu).** The anticipated start date of the position is Fall 2008. West Virginia University is an Equal Opportunity/Affirmative Action Employer.

### THE DEPARTMENT OF CHEMICAL ENGINEERING AT TEXAS TECH UNIVERSITY

invites applications for a visiting associate professor. The appointment will be from January 1, 2008 through May 31, 2009; during which time the faculty member will be responsible for teaching the existing undergraduate laboratory and capstone design courses in the department. Applicants must have a PhD degree in chemical engineering or equivalent, and excellent communication skills. Prior instructional experience in either an academic or corporate setting is highly desirable. Familiarity with traditional computer-aided process design software is required. The position is excellent development/sabbatical leave for a chemical engineer from either academia or industry. The successful candidate will teach a 5 credit hour capstone design course in the spring and a 2 credit hour unit operation laboratory course in each semester. Enrollment in each course is anticipated to be 25-35 students. **Applicants should send a detailed curriculum vitae or resume clearly indicating their qualifications for the requirements of the position, and the names and addresses of at least three references to Chair - Visiting Faculty Search Committee, Department of Chemical Engineering, Texas Tech University, Box 43121, Lubbock, TX 79409-3121.** Review of applications will begin November 15, 2007. 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.



**THE UNIVERSITY OF TOLEDO  
COLLEGE OF ENGINEERING  
TENURE TRACK FACULTY POSITION IN  
ENVIRONMENTAL SUSTAINABILITY**

The College of Engineering at the University of Toledo invites applications for a tenure-track Assistant or Associate Professor position in Environmental Sustainability, with appointment beginning as soon as Fall 2007. The successful applicant will receive a joint appointment in the Departments of Civil Engineering and Chemical and Environmental Engineering at The University of Toledo. Exceptionally qualified research scholars will be considered for tenure at the rank of associate or full professor. Successful candidates must have demonstrated abilities in, or evidence of outstanding potential for research and teaching in Environmental Engineering. The Departments are particularly interested in receiving applications from candidates with a specialization in environmental engineering, environmental sustainability or "green" engineering/industrial ecology. This is a broad search that seeks the most promising and creative candidate from a range of specialty areas. For more information about the Departments and research facilities at The University of Toledo, visit the Departments' web sites at <http://www.eng.utoledo.edu/civil/> and <http://www.che.utoledo.edu/>. Applicants must have an earned doctorate in Civil, Chemical or Environmental Engineering, or a closely related

field. Candidates that have one of their degrees in Chemical Engineering and another degree in Civil/Environmental Engineering are of particular interest. Postdoctoral or industrial experience beyond the Ph.D. degree is highly desirable. Consideration will also be given to candidates who are in the final stages of completing their doctoral programs. The University of Toledo is one of only seventeen U.S. public universities in the United States to offer professional and graduate academic programs in business, education, engineering, health science and human service, law, medicine, nursing, and pharmacy. The University is state assisted, with an enrollment of approximately 19,000 students of which about 4500 are graduate and professional students. Rank and salary are negotiable and funds are available to establish a research program at the University. Consideration of qualified candidates will begin after March 15, 2007. The position will remain open until an appointment is made. **For full consideration, applicants are encouraged to submit a cover letter which addresses the position qualifications; a curriculum vita; a one-page statement of teaching philosophy and interests; a one-page summary of research philosophy and interests; and the names, addresses, emails and telephone numbers of three references to UT Engineering Environmental Sustainability Faculty Search, Attn: Mrs. Patricia Mowery, 2801 W. Bancroft Street, 5012 Nitschke Hall,**

**MS 310, The University of Toledo, Toledo, OH 43606. Applications will also be accepted by email at [pmowery@eng.utoledo.edu](mailto:pmowery@eng.utoledo.edu) [please include UT Engineering Environmental Sustainability Faculty Search in the subject line].** The University of Toledo is an Equal Access, Equal Opportunity, Affirmative Action Employer and Educator.

**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](mailto:nancychia@nus.edu.sg)).**



**Carnegie Mellon  
ENGINEERING**

**Faculty Positions in Chemical Engineering  
at Carnegie Mellon University**

The Department of Chemical Engineering at Carnegie Mellon is seeking applicants for one or two tenure-track faculty positions preferably at, but not restricted to, the Assistant Professor level. We seek outstanding candidates who are committed to excellence in education and research. Candidates must hold a Ph.D. degree in Chemical Engineering or a related discipline. Candidates with clearly articulated interests in policy will also be considered for a 50/50 joint appointment with the Department of Engineering and Public Policy. Applicants should submit a CV, a statement of research and teaching interests, and the names of three references to:

Professor Dennis Prieve  
Chemical Engineering Department  
Carnegie Mellon University  
5000 Forbes Avenue  
Pittsburgh, PA 15213-3890  
E-mail: [deprieve@cmu.edu](mailto:deprieve@cmu.edu).

We would appreciate receiving your application electronically (as a PDF file) and by November 1, 2007. Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer. For more information, see <http://www.cheme.cmu.edu>

**Illinois Institute of Technology, Department of Chemical and Biological Engineering and the National Center for Food Safety and Technology (NCFST)** invites applicants to apply for a tenure-track Assistant Professor position in the Department of Chemical and Biological Engineering, available starting Fall 2008. The department seeks an individual with an outstanding academic record who is dedicated to excellence in education and research. Applicants must demonstrate the potential to lead and attract funds for a high caliber research program. The candidate must have a Ph.D. in Chemical Engineering or related engineering area, experience in food process engineering, and must have at least one degree in Chemical Engineering. The candidate will be expected to conduct research and teaching activities in the general field of biological engineering and collaborate with NCFST scientists on food-processing related funded research projects. Preferred areas of interest are bio-nutrition and/or bioseparations.

IIT and NCFST are currently involved in a national collaboration effort along with the FDA and various industry partners to launch a "Health Promoting Foods" platform focused on the role of food science, technology and engineering in developing the concepts of healthy nutrition through food and food products.

Online applications are preferred. To apply, visit [www.chbe.iit.edu](http://www.chbe.iit.edu) or send a resume, statement of research with teaching interests and plans, copies of pertinent publications and the names of the references to [chbe\\_foodfaculty@iit.edu](mailto:chbe_foodfaculty@iit.edu).

Review of applications will continue until the position is filled. For further information, contact Donald Chmielewski at 312-567-3537 or [chmielewski@iit.edu](mailto:chmielewski@iit.edu).

IIT is an EEO/AA employer, [www.chbe.iit.edu](http://www.chbe.iit.edu).



## **AUBURN UNIVERSITY ASSISTANT/ASSOCIATE/FULL PROFESSOR SAMUEL GINN COLLEGE OF ENGINEERING DEPARTMENT OF CHEMICAL ENGINEERING**

**Assistant/Associate/Full Professor:** The Department of Chemical Engineering at Auburn University invites applications for a tenure-track faculty position. The department seeks outstanding candidates who have a Ph.D. in chemical engineering or a related field. The area of research is open; however preferred research areas include biological engineering, biotechnology, biomedical engineering, advanced energy systems, molecularly engineered materials, or sustainable engineering and green chemistry. The successful candidate will demonstrate a strong commitment to both excellent research and teaching. Rank and salary is commensurate with experience and qualifications. The Department of Chemical Engineering has 19 faculty, an enrollment of over 270 undergraduates, 75 graduate students and \$4 million in annual sponsored research. Women and Minorities are encouraged to apply. Review of applications will begin November 1, 2007 and will continue until a candidate is selected and recommended for appointment. Auburn University is an affirmative action, equal opportunity employer. The candidate selected for this position must be able to meet eligibility requirements for work in the United States at the time appointment is scheduled to begin and continue working legally for the proposed term of employment and be able to communicate effectively in English. **Candidates should send a resume, description of**

**future research plans, previous research accomplishments, teaching interests, and names of three references to: Search Committee Chair, position #131240, ([cheseach@eng.auburn.edu](mailto:cheseach@eng.auburn.edu)), Department of Chemical Engineering, Auburn University, Auburn, AL 36849-5127.**

## **BIOCHEMICAL ENGINEERING UNIVERSITY OF GEORGIA**

**Biochemical Engineering:** Full-time (academic year), tenure-track appointment at the University of Georgia at the Assistant or Associate Professor rank in the area of biocatalysis, bioenergy, or metabolic/microbial engineering. Individual will develop an interdisciplinary research and instruction program in Biochemical Engineering. See <http://www.engineering.uga.edu> for more information. **Applicants should submit letter of application, vita, unofficial transcripts, statements of research/teaching plans, and contact information of four professional references to: Dr. Mark A. Eiteman, Chair, Biochemical Engineering Search Committee, Driftmier Engineering Center, The University of Georgia, Athens, Georgia, 30602-4435. Electronic submissions at: [eiteman@engr.uga.edu](mailto:eiteman@engr.uga.edu).** To assure full consideration, applications should be received by November 15, 2007. EO/AA institution.

## **TENNESSEE TECHNOLOGICAL UNIVERSITY**

invites applications and nominations for an Assistant Professor tenure-track (housed in the Department of Chemical Engineering) faculty position in the Center for Manufacturing Research (CMR), with an expected starting date of January 1, 2008. An earned doctorate in Chemical Engineering or an appropriate engineering or related discipline is required. Expertise is required in more than one of the following research areas: 1) Material Development for High Temperature PEM Fuel Cells, 2) Novel Hydrogen Storage/Separation Materials, 3) Direct Methanol and/or Alkaline Fuel Cells, 4) High Performance Materials for Advanced Batteries, 5) Nanostructured (Polymer and Non-Polymer) Engineered Materials, 6) Novel Nano-Catalytic Materials, and 7) Material Systems for Solar Cells. Candidates are required to have a demonstrated record of scholarly achievement through peer-reviewed publications and national/international meeting presentations. Candidates are also required to command effective communication skills. The potential of attracting and conducting extramurally funded research projects is preferred. Experience in proposal generation and project supervision will be considered a plus. Some relevant teaching and industrial experience is desirable. Duties include developing a nationally recognized, externally funded research program that is characterized by production of supervised theses and dissertations, peer-reviewed journal publications, and successful proposals that attract external funding to support their research program. For complete information, visit <http://www.tntech.edu/cmrf/> or contact the CMR at (931) 372-3362. **Applicants must submit a letter of interest (addressing required and preferred qualifications as well as a description of research plans and teaching interests), a resume, a TTU applica-**

**tion (available in electronic form at <http://www.tntech.edu/jobs>), and a list of three professional references containing mailing address, telephone, fax number, and email address. Submit application materials to: Dr. Kenneth Currie, Chairperson, Faculty Search Committee, Center for Manufacturing Research, Tennessee Technological University, Box 5077, Cookeville, TN 38505 ([kcurrie@tntech.edu](mailto:kcurrie@tntech.edu)). TTU will hire only U.S. citizens and aliens lawfully authorized to work in the U.S. All new employees will be required to complete an employer's verification form I-9, no later than three days from the date of hire. Screening of applications will begin November 1, 2007 and continue until the position is filled. AA/EEO.**

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

The Department of Chemical Engineering seeks outstanding applicants for tenured and tenure-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 micro-electronics. 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](mailto: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.

## **DIRECTOR, SCHOOL OF CHEMICAL ENGINEERING AND BIOENGINEERING, WASHINGTON STATE UNIVERSITY**

Washington State University (WSU) is seeking a highly motivated, visionary leader to direct the School of Chemical Engineering and Bioengineering. The Director will show leadership in enhancing graduate education, increasing research expenditures, building research groups in critical thrust areas, forging strategic interdisciplinary collaborations, developing educational programs for preparing globally competitive engineers, and expanding successful interactions with industry and alumni. Preference will be given to candidates who have an active research program in either alternative energy or in bioengineering and they will be expect-



ed to continue that research at WSU. An earned doctorate in a relevant engineering discipline is required, as is demonstrated potential for academic leadership, a strong record of scholarship, success in effective integration of research and teaching, and proven success in funding from industry and government agencies. Interested candidates should send curriculum vitae, a letter summarizing their experience and vision, and the names, addresses, telephone numbers, and email addresses of three references. Inquiries may be directed to [directorsearch@cea.wsu.edu](mailto:directorsearch@cea.wsu.edu) or (509) 335-8730.

**Application materials should be sent to: Professor M. Grant Norton, Chair of Chemical Engineering and Bioengineering Director Search Committee, College of Engineering and Architecture, WSU, P.O. Box 642714, Pullman, WA 99164-2714.** Screening of applicants will begin November 1, 2007, and continue until the position is filled. Washington State University is an Equal Opportunity/Affirmative Action Educator and Employer. Members of ethnic minorities, women, special disabled veterans, veterans of the Vietnam-era, recently separated veterans, and other protected veterans, persons of disability and/or persons age 40 and over are encouraged to apply.

#### 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 stu-

dents. 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.

#### FACULTY POSITION IN ENERGY SCIENCE AND TECHNOLOGY AT MIT

The Department of Mechanical Engineering is seeking outstanding candidates for a tenure-track assistant professor position in the field of energy, energy technology and energy systems. The Department is looking for individuals who will contribute to the engineering and engineering science of modern energy conversion systems and processes. Topics of interest include, but are not limited to, carbon capture in power generation, alternative engines, alternative fuel utilization, hybrid power trains, large-scale energy storage and integrated power systems. Energy-related engineering-science topics include, but are not limited to, multi-physics simulation of transport-chemistry interactions, fundamentals of complex multiphase and reactive flows, interfacial processes, energy conversion under extreme conditions and large-scale energy storage. Candidates must have an earned Ph.D. in their field at the time of appointment. The successful candidate is expected to teach at the undergraduate and graduate levels in Mechanical Engineering courses including energy conversion subjects. The candidate will also be expected to develop an outstanding research program. **Applicants should send a curriculum vita, a research statement, a teaching statement, and copies of not more than three publications. They should also arrange for four individuals to submit letters of recommendation on their behalf. This information must be entered electronically at the following site: <http://search-meche.mit.edu>.** Applications received before December 15 will be given full consideration. MIT is an equal-opportunity/affirmative action employer. Women and under-represented minorities are especially encouraged to apply.



#### Assistant/Associate Professor(s) Chemical Engineering

The Department of Chemical Engineering at the University of Delaware invites applications for two tenure-track faculty positions. We anticipate making one appointment at the Assistant Professor level and one at the Associate Professor level. **REQUIREMENTS:** Ph.D. or equivalent in chemical engineering or a related field. Applicants for the Associate Professor position are expected to have a commensurate record of accomplishments. **DUTIES:** Lead vigorous research programs, teach, and advise students at both the undergraduate and graduate levels. Applications in all research areas will be considered, with emphasis on candidates with expertise in energy science and engineering. Our department ([www.che.udel.edu](http://www.che.udel.edu)) is consistently ranked among the ten leading chemical engineering departments nationwide. Current energy research in the department includes novel materials for fuel cells, hydrogen generation and storage, materials and fuels from biomass, photovoltaics, and environmental catalysis. **CONTACT:** Please send curriculum vitae, a description of research and teaching interests, and the names, addresses, telephone numbers and e-mail addresses of three references in PDF format to Professor Jingguang Chen, Search Committee Chairperson, at

[che-faculty-search@udel.edu](mailto:che-faculty-search@udel.edu) or mail to Professor Jingguang Chen, Search Committee Chairperson, Department of Chemical Engineering, University of Delaware, Newark, DE 19716-3110. PDF submissions are strongly encouraged. The committee will commence review of applications on November 15, 2007. The curriculum vitae and letters of reference shall be shared with departmental faculty.

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



Massachusetts Institute of Technology

It takes everyone at MIT to be MIT.

#### Assistant Professor

The MIT Department of Chemical Engineering (<http://web.mit.edu/cheme/>) invites applications for a tenure-track faculty position at the assistant professor level, to begin July 2008 or thereafter. Applicants should hold a Ph.D. in chemical engineering or a related field by the beginning of the appointment period. In special cases, a more senior faculty appointment might be possible. The candidate should have demonstrated excellence in original research and a strong commitment to teaching, both at the graduate and undergraduate levels.

**Interested candidates should send application materials to [chefacs@mit.edu](mailto:chefacs@mit.edu). Each application should include: a curriculum vitae; the names and addresses of three or more references; a strategic statement of research interests; and a statement of teaching interests. We request that each candidate arrange for reference letters to be sent directly to [chefacs@mit.edu](mailto:chefacs@mit.edu), with a copy mailed to: Chair, Faculty Search Committee, Department of Chemical Engineering, Massachusetts Institute of Technology, Bldg 66 - Room 350, 77 Massachusetts Avenue, Cambridge, MA 02139-4307. Responses by 1 November 2007 will be given priority.**

*We especially encourage minorities and women to apply because of MIT's strong commitment to diversity in engineering education, research and practice. MIT is an Equal Opportunity/Affirmative Action employer.*

<http://web.mit.edu>

## 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>

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## FACULTY POSITIONS IN CHEMICAL ENGINEERING AT ARIZONA STATE UNIVERSITY

The Department of Chemical Engineering at Arizona State University (<http://che.fulton.asu.edu/>) announces openings for two tenure-track faculty positions at any rank. 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 in the process of transforming into 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://www.azbio.org>), Flexible Display Center (<http://flexdisplay.asu.edu/>) and International Institute for Sustainability (<http://sustainability.asu.edu/>). 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. A PhD in Chemical Engineering or related field and a record of publications in scholarly journals appropriate to the desired appointment level is 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 of research specialization relevant to chemical engineering will be considered, with preference given to those who are in the areas of energy, biomolecular engineering and advanced materials. Potential for successful interaction with ASU's existing centers of research excellence is also desirable. ASU is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans. **Interested candidates must submit a letter indicating research specialization and desired rank, a research plan, a teaching philosophy and plan, a current curriculum vitae including names, telephone, mail and email addresses of four references to Prof. Jerry Y.S. Lin, Interim Chair, Department of Chemical Engineering, Arizona State University, Campus Box 6006, Tempe, AZ 85287-6006.** Applications will be reviewed beginning November 18th, if not filled, the 15th 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](mailto:jerry.lin@asu.edu). AA/EOE.

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**CHEMICAL AND BIOCHEMICAL ENGINEERING, THE UNIVERSITY OF IOWA** invites applicants for a tenure-track faculty position. Entry level applicants are preferred, but exceptional candidates at higher levels will be considered. Preferred research areas include the biochemical/biological aspects of chemical engineering and other research areas that complement existing strengths. Applicants must have a Ph.D. in chemical engineering or related field. Excellence in research and teaching is essential. **Send CV, names and addresses of at least three references, and research and teaching plans to David G. Rethwisch, Dept. of Chemical & Biochemical Engineering, The University of Iowa, Iowa City, IA 52242 or via email to [david-rethwisch@uiowa.edu](mailto:david-rethwisch@uiowa.edu).** UI is an EO/AAE and strongly encourages applications from women and minorities. (<http://www.engineering.uiowa.edu/~chemeng>).

**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 3400 undergraduate students and 150 masters-level graduate students. Bucknell University values a diverse college community and is committed to excellence through diversity in its faculty, staff, and students. The university is located in Lewisburg on a 450-acre campus in central Pennsylvania's Susquehanna River Valley. New York City, Washington, D.C., Baltimore, and Philadelphia are each within a 3-1/2 hour drive from Lewisburg. Further details on the department of chemical engineering may be found at [www.bucknell.edu/chemicalengineering](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.

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**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.

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## LEHIGH UNIVERSITY ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at Lehigh University seeks applications for a faculty position of Assistant Professor with a preferred starting date of August 2008. We are looking for candidates with research interests in Interfacial Science and Engineering, particularly in one or more areas related to complex fluids, soft matter, interfacial phenomena, molecular theory and simulations, and micro/nano scale systems. The campus has strong interdisciplinary and interdepartmental groups in biotechnology, materials, polymers, interfaces, and nanotechnology with which the candidate can interact. The successful candidate will be expected to develop a nationally recognized research program and to engage in enthusiastic teaching of undergraduate and graduate students in chemical engineering. **Candidates should send electronically a curriculum vitae, graduate transcript, detailed statement of research and teaching plans, and the names and addresses of four references to: [cheseach@lehigh.edu](mailto:cheseach@lehigh.edu) and address it to: Chair, Interfacial Science and Engineering Search Committee.** Review of applications will begin immediately, but applications will be considered until the position is filled. Information on the Department and Lehigh University can be found at <http://www.che.lehigh.edu>. Lehigh University is committed to recruiting, retaining and tenuring women and members of minority groups.



## LEHIGH UNIVERSITY CHEMICAL ENGINEERING POSITION IN THE ENERGY SCIENCES

The Department of Chemical Engineering at Lehigh University seeks nominations and applications for a faculty position in the broad field of Energy Sciences, this includes, but is not restricted to the general areas of Energy Systems, Chemical Processing, Optimization, Reaction Engineering, Separation Science, Biocatalysis, Biofuels and Environmental. The successful candidate will be expected to develop a strong research program and to engage in enthusiastic teaching of undergraduate and graduate students in chemical engineering. The campus has a strong tradition of interdisciplinary work and joint appointments with other departments are possible. Rank of the position will be commensurate with experience and, for exceptionally well established candidates, an endowed chair position will be considered. **Candidates should send electronically their curriculum vitae, a detailed statement of research and teaching plans, and the names and addresses of four (4) references to [energysearch@lehigh.edu](mailto:energysearch@lehigh.edu) and address it to: Chair, Energy Search Committee. Junior faculty applicants must also include a copy of their graduate transcript.** Review of applications will begin immediately, but applications will be considered until the position is filled. Information on the Department and Lehigh University can be found at <http://www.che.lehigh.edu>. Lehigh University is committed to recruiting, retaining and tenuring women and members of minority groups.

## SCHOOL OF CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING, UNIVERSITY OF OKLAHOMA, FACULTY POSITION OPENING, ASSISTANT, ASSOCIATE OR FULL PROFESSOR (TENURE-TRACK)

The School of Chemical, Biological and Materials Engineering (CBME) at The University of Oklahoma invites applications for a tenured/tenure track faculty position. Starting date is flexible, but as early as spring, 2008. The School is particularly interested in strengthening the University-wide program in biofuels and biomass conversion (e.g., biomass pyrolysis or gasification, biorefinery streams separation, catalytic conversion, bioconversion). Other areas of interest are nan-

otechnology, surfactant technology, and engineering education and outreach. Exceptional candidates with research expertise in other fields will also be considered. Candidates must hold an earned doctorate in chemical engineering or closely related discipline. Rank and salary will be commensurate with experience and qualifications. Successful candidates will be committed to excellence in both research and teaching, and they will function effectively in a multidisciplinary research environment. Experience in technology transfer is desirable. CBME offers competitive startup packages, exciting opportunities for research collaboration, and a supportive environment for new faculty. **Candidates should send a resume, description of research plans, teaching interests, and names of three references to: Search Committee, School of Chemical, Biological and Materials Engineering, The University of Oklahoma, 100 East Boyd, SEC T335, Norman, OK 73019-1004. Applications will be reviewed until candidates are selected and recommended for appointment.** The University of Oklahoma is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

## 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. McCreedy, 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.



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:

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

### EDUCATION/ EXPERIENCE

- BS in chemical engineering or related discipline required. MBA, advanced technical degree or equivalent experience desirable.
- 15 years of relevant industrial, consulting, or government experience, including demonstrated expertise in all aspects of process safety.
- Broad experience in the region.
- Business management and negotiation skills; knowledge and experience with contracts, licensing agreements and intellectual property protection.
- Excellent interpersonal, public speaking & training skills; experience in building and sustaining customer relationships.
- 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@aiche.org](mailto:recruitment@aiche.org)  
Attention: Human Resources.**

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## **SCHOOL OF ENGINEERING, UNIVERSITY OF VERMONT ASSISTANT/ASSOCIATE RESEARCH/EXTENSION PROFESSOR IN BIOFUELS ENGINEERING**

The School of Engineering is seeking an individual to fill a non-tenure track research/extension position in biofuels engineering. The successful candidate will develop an externally-funded, collaborative applied research and education/outreach biofuels program. The program will be focused on biofuels production and utilization within the agricultural systems of Vermont and the northeast region. Applicants must have a PhD in an area of Engineering (preferably Chemical Engineering or similar discipline), with appropriate expertise in biofuels. They must also have a strong desire and ability to meet the Land Grant mission of UVM's Extension Service. We are strongly committed to diversity and especially welcome applications from underrepresented groups including women and minority group members. The search will continue until the position is filled, but applicants are encouraged to submit applications by October 20, 2007. **Applicants should submit the following materials online at: [www.uvmjobs.com](http://www.uvmjobs.com) — attach a curriculum vita (including list of publications and research grants), cover memo outlining their research and outreach focus, interests and experiences, reprints of three publications, and the names and contact information for three references. Reprints of the three publications can also be sent to the Search Committee Chair. For more information please contact the Search Committee Chairperson: Dr. Robert Jenkins, 301 Votey Building College of Engineering and Mathematical Sciences, University of Vermont, Burlington, VT 05401, 802/656-8693 Fax (802) 656-1929 or email [Robert.Jenkins@uvm.edu](mailto:Robert.Jenkins@uvm.edu) and/or view the position description at, [www.uvmjobs.com](http://www.uvmjobs.com) (Assistant/Associate Research Professor - Biofuels Engineer, #031912)**

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## **TENURE-TRACK FACULTY POSITION, SCHOOL OF ENGINEERING, COLLEGE OF ENGINEERING & MATHEMATICAL SCIENCES, THE UNIVERSITY OF VERMONT**

The School of Engineering at The University of Vermont invites applications for a tenure-track Assistant Professor position in Green Engineering Design. Outstanding applicants at higher rank may also be considered. Preference will be given to individuals who would complement the College's initiative in complex systems analysis and engineering ([www.uvm.edu/complexsystems](http://www.uvm.edu/complexsystems)) and actively contribute to the Sustainable Systems graduate focus area. The successful candidate is expected to develop a vigorous sponsored research program in her/his area of expertise, teach at all levels, and advise undergraduate and graduate master's and doctoral students, in addition to professional contributions and service. We are particularly interested in applicants with research and teaching expertise in one of the following areas: sustainable infrastructure/materials design, industrial ecology, green chemistry, sustainable energy, complex systems applications to distributed collaborative design, evolutionary algorithms for holistic design. The successful candidate would join approximately 30 permanent faculty members in the interdisciplinary School of Engineering (<http://www.uvm.edu/~soe/>), one of three divisions in the College of Engineering and Mathematical Sciences. Candidates must have a Ph.D. degree in engineering or a closely related field, a proven record of scholarly activities, and show potential for strong performance in research and teaching in one of the School's accredited civil, electrical, environmental, or mechanical engineering programs. Postdoctoral experience is desirable, but not required. The College of Engineering and Mathematical Sciences is in a significant growth mode and the new faculty member is expected to be instrumental in this process. Founded in 1791, the University of Vermont is consistently ranked as one of the top small public universities in the United States. The University is located in Burlington, Vermont, often rated as the best small city in America, and enjoys a panoramic setting on the shores of Lake Champlain bordered by the Adirondack and Green Mountains. Roughly 150,000 people, from increasingly diverse cultural backgrounds, live in the greater Burlington area. There are ample opportunities for interactions with local industries. The University is especially interested in candidates who can contribute to the diversity and excellence of the academic community through their research, teaching and/or service. Applicants are requested to include in their cover letter information about how they will further this goal. **Qualified applicants are encouraged to apply online at [www.uvmjobs.com](http://www.uvmjobs.com) (Search JOB #032076). Alternatively, candidates may**

**send a letter identifying their specific area of expertise, a current curriculum vitae, names and addresses of three references, and a detailed statement of teaching and research interests to: Chair, Green Design Faculty Search Committee, School of Engineering, The University of Vermont, 301 Votey Building, Burlington, VT 05405-0156. Screening of applications will begin November 15, 2007 and continue until the position is filled.**

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## **CHEMICAL ENGINEERING, YONSEI UNIVERSITY, KOREA, OPEN-RANK FACULTY POSITION**

Department of Chemical Engineering at Yonsei University (<http://chemeng.yonsei.ac.kr>) invites applications for tenure-track faculty position at all ranks with research interests at energy, materials, and process. Preference will be given to individuals with Non-Korean nationality. Positions are available for Spring 2008. Salary and rank are commensurate with experience. **To apply, please submit a CV, three letters of recommendations, research and teaching plans to department chair, Prof. Tai Gyu Lee via email: [teddy.lee@yonsei.ac.kr](mailto:teddy.lee@yonsei.ac.kr).** In order to ensure full consideration, applications must be received by October 15th, 2007.

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## **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.

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## **UNIVERSITY OF COLORADO**

([www.colorado.edu/che](http://www.colorado.edu/che)). The Department of Chemical and Biological Engineering seeks to hire exceptional candidates as assistant professors, with higher levels also considered. Candidates with interests in all research areas will be considered and applications are particularly encouraged in the bio-related areas. The Department, in collaboration with faculty from other units on the Boulder Campus, has embarked on a course to construct and occupy a state-of-the-art, \$115,000,000, laboratory building. **Applicants should go to <http://www.colorado.edu/che/> and click on Faculty Search under [Announcements] for information on submitting their applications.** Review of applications will begin in October 2007. The University of Colorado is committed to diversity and equality in education and employment.

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## **UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT**

is seeking applicants for a faculty position effective academic year 2008/2009. Candidates must have a Ph.D. degree in chemical engineering or a related field, and be able to teach undergraduate and graduate courses and direct M.S. and Ph.D. 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 or internationally recognized for their accomplishments and have a strong publication record. **Resumes, reprints of selected publications, a statement of research and teaching plans and a list of four references should be forwarded to: Prof. Panagiotis D. Christofides, Faculty Search Committee Chair, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** Review of the appli-



cations will begin on December 1, 2007 and the position will remain open until filled. The successful candidate will be appointed at a salary level commensurate with education and experience. The University of California, Los Angeles and the Department of Chemical and Biomolecular Engineering are interested in candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.

#### **OPEN-RANK FACULTY POSITION - CHEMICAL ENGINEERING, UNIVERSITY OF PITTSBURGH**

The Department seeks an exceptional individual who can complement existing research expertise. While outstanding applicants in any area will be considered, research areas of particular interest include: Biotechnology, Materials, Modeling and Computation, Nanotechnology and Systems Engineering. The department ranks within the top 25 U.S. chemical engineering departments for Federal R&D funding, and annual research expenditures have exceeded \$4.8 million in recent years. Department faculty members are afforded access to the state-of-the-art nano-scale characterization and fabrication facilities in the newly opened Petersen Institute of NanoScience and Engineering. Active collaboration exists with the adjacent University of Pittsburgh Medical Center, the McGowan Institute for Regenerative Medicine, the Mascaro Sustainability Initiative and the U.S. DOE National Energy Technology Laboratory. **To apply, please submit a CV, names of three references, research and teaching plans to: Professor J. Karl Johnson; Chemical Engineering Department; 1249 Benedum Hall; University of Pittsburgh; Pittsburgh, PA 15261.** Applications accepted via email in PDF format only to [che@engr.pitt.edu](mailto:che@engr.pitt.edu). In order to ensure full consideration, applications must be received by January 31, 2008. The University of Pittsburgh is an affirmative action, equal opportunity employer.

#### **CHEMICAL/BIOLOGICAL ENGINEERING FACULTY POSITIONS, COLORADO STATE UNIVERSITY**

The Department of Chemical and Biological Engineering at Colorado State University seeks applications and nominations for tenure-track and tenured chemical/biological engineering faculty positions at the assistant and associate professor levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. Applications from candidates with the ability to advance the Department's commitment to diversity and multiculturalism through research, teaching and outreach with relevant programs, goals and activities are particularly encouraged. There are no restrictions on research area for candidates; however, applicants with interests in synthetic biology, including protein and metabolic engineering, are particularly encouraged. A Ph.D. or equivalent in chemical or biological engineering, or related field, is required by August 2008. **Important information regarding the application process may be found at <http://cbesearch.engr.colostate.edu>. Electronic submission of application materials at this web site is strongly preferred. If necessary, hardcopy applications may be sent to: Search Committee Chair, Department of Chemical and Biological Engineering, Colorado State University, Fort Collins, CO 80523-1370.** Review of applications will begin October 31 and continue until the position is filled. CSU is an EO/AA 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 poten-

tial 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.

#### **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.

#### **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 October 15, 2007.

##### **Rates:**

Word ads are \$4/word (conjunctions not counted).

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>