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## POSITIONS AVAILABLE

### RESEARCH SCIENTISTS

Unilever Research India, Bangalore is looking for scientists and engineers, committed to excellence in science & technology. You need to have a PhD in Chemical Engineering, Bio/Physical/Chemical Sciences or have a multidisciplinary exposure across science and engineering. **For more details, please visit [http://hul.co.in/careers/careers\\_rnd\\_index.asp](http://hul.co.in/careers/careers_rnd_index.asp).**

### PROCESS SYSTEMS ENTERPRISE, INC., CONSULTING ENGINEER,

Chemical Process Modeling Software, Cedar Knolls, NJ. Acquires, manages & executes modeling projects using gPROMS chemical process modeling software. Req. B.Sc. in Chem Eng. + 2 yrs exp. **Send résumé to: HR Dept., Process Systems Enterprise, Inc., 2 Ridgedale Ave., Ste. 202, Cedar Knolls, NJ 07927.**

### DIRECTOR, SOCIETY FOR BIOLOGICAL ENGINEERING (SBE) & NEW TECHNICAL INITIATIVES

The American Institute of Chemical Engineers is currently seeking to add a Director to its team to lead the programs associated with the Society for Biological Engineering & New Technical Initiatives by building membership within these entities and developing & implementing new meetings, publications, education services, technical projects and industrial alliances. Develop business plans; manage budgets; develop and implement fund raising activities; work with SBE Managing and Advisory boards to generate and implement program concepts; 10-15 years experience in developing new products and services; Technical degree in chemical/biological engineering or another science or engineering discipline; MBA or equivalent training preferred; broad knowledge of chemical engineering and the bio-processing, biomedical and bio-molecular fields; Working knowledge of Word, Excel and Powerpoint. **Interested candidates should send a letter of interest, including salary requirements, and resume to [recruitment@aiiche.org](mailto:recruitment@aiiche.org).**



### CHAIR, BIOMEDICAL AND CHEMICAL ENGINEERING SYRACUSE UNIVERSITY, SYRACUSE, NY

Applications and nominations are sought for the position of Department Chair. Interviews will be held during the spring semester of 2009 with the position being filled before the start of the fall semester of 2009. The Department seeks candidates who have outstanding records of scholarship and teaching, and who have shown potential for academic leadership. The Department has a rich history of research in chemical engineering, bioengineering, and

neuroscience and has recently established an emphasis in biomaterials.

Candidates should each present a vision and plan to build on these traditions of excellence while improving the national ranking of our programs. The Department offers programs leading to B.S., M.S. and Doctoral degrees in both Chemical Engineering and Bioengineering. The Department enjoys a vibrant and rapidly growing research environment, combined with a dedication to teaching built on individualized attention to its students. The faculty members are research-active with a funding portfolio that balances major Federal agencies with industrial contracts and consulting. Applicants must have a Ph.D. in bioengineering, biomedical engineering, chemical engineering or related field, as well as a research record and teaching experience consistent with the rank of full professor.

The LC Smith College of Engineering and Computer Science is undergoing significant renewal under the leadership of our new Dean, Dr. Laura J. Steinberg, with outstanding opportunities for growth and reinvention across all departments. The new Department Chair will benefit from many substantive collaboration opportunities with such groups as The Syracuse Center of Excellence in Environmental and Energy Systems, Syracuse Biomaterials Institute, SUNY Upstate Medical University, and Enitiative – the Syracuse Campus-Community Entrepreneurship Initiative. Departments in the College are mutually supportive and the Department Chair will be in a position to foster synergies between departments and between colleges at the University level. The department has recently enjoyed significant growth of its faculty and student size and fully anticipates continuation of such growth under the leadership of the new chair and our Dean.

For full consideration applicants must complete an online application form and attach electronically a cover letter, curriculum vita, and the names of five (5) references through [www.sujobopps.com](http://www.sujobopps.com). Review of applications will begin January 5, 2009 and continue until the position is filled.

*Syracuse University is an equal opportunity/affirmative action employer with a strong commitment to equality of opportunity and a diverse workforce.*

## ACADEMIC OPENINGS

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

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

apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

### CALIFORNIA STATE UNIVERSITY, LONG BEACH, COLLEGE OF ENGINEERING, DEPARTMENT OF CHEMICAL ENGINEERING TENURE TRACK POSITION OPENINGS:

#### NANOTECHNOLOGY (RECRUITMENT NO. 658)

#### SUSTAINABLE PROCESS/PRODUCT DESIGN (RECRUITMENT NO. 659)

Recruitment Number: 658. Position: Tenure-Track in Assistant/Associate/Professor Department of Chemical Engineering for a specialist in nanotechnology, with an emphasis on chemical catalysis, nano-scale material fabrication, and biological nano-scale systems. Recruitment Number: 659. Position: Tenure-Track in Assistant/Associate/Professor in Department of Chemical Engineering for a specialist in sustainable process/product design, energy engineering and related environmental issues, alternative and renewable energy sources, or bioprocess engineering. Joint appointment with another department in the College of Engineering is possible for both positions. Effective Date: August 24, 2009. Minimum Qualifications: Ph.D. in Chemical Engineering or closely related field at time of appointment. Evidence of potential for a successful career in academia. Desired/Preferred Qualifications (Recruitment No. 658): 1) Track record of basic or applied research and/or industrial experience in the area of nanotechnology; 2) Prior teaching experience in chemical engineering-related subjects. Desired/Preferred Qualifications (Recruitment No. 659): 1) Track record of basic or applied research

and/or industrial experience in sustainable chemical process design, energy related areas, or bioprocess engineering; 2) Proficiency in industry-standard computation and simulation tools such as ProII, HYSYS, ASPEN, COMSOL, MATLAB, LabVIEW, and Simulink, etc.; 3) Prior teaching experience in chemical engineering-related subjects. Duties/ Responsibilities: To teach and develop undergraduate and graduate Chemical Engineering courses, supervise undergraduate and graduate projects and/or theses, contribute to on-going research projects, develop new and interdisciplinary applied research projects in his/her area(s) of expertise, and participate in university and community services. Salary Range: Commensurate with qualifications and experience. Probable range: 65-85K per academic year. Required Documentation: Letter of application addressing qualifications and stating research and teaching interests; current curriculum vitae; three current letters of recommendation (current is within three years); official transcript from institution awarding highest degree, and email address. Position open until filled (or recruitment canceled). Application Deadline: Review of applications to begin January 15, 2009. **Applications, required documentation, and/or requests for information should be addressed to: Recruitment No. 658 or 659, Dr. Larry Jang, Chair of Search Committee, Department of Chemical Engineering, EN2-101, California State University Long Beach, 1250 Bellflower Blvd., Long Beach, CA 90840-5103, Phone: (562)-985-4909; Fax: (562)-985-7561, E-Mail: [chemeng@csulb.edu](mailto:chemeng@csulb.edu).**



The  
UNIVERSITY  
of VERMONT

### DIRECTOR, School of Engineering

The College of Engineering and Mathematical Sciences at the University of Vermont is searching for an outstanding individual to be the Director of the School of Engineering. The School contains four ABET accredited undergraduate degree programs in Civil, Environmental, Electrical, and Mechanical Engineering, and offers a BS in Engineering Management with the School of Business. The School also offers masters and doctoral programs in Civil & Environmental Engineering, Electrical Engineering, and Mechanical Engineering. There are also interdisciplinary masters programs in Biomedical Engineering and Materials Science with a doctorate in the latter and a proposed doctorate in the former. The School together with the Departments of Computer Science and Mathematics & Statistics comprise the College of Engineering and Mathematical Sciences, creating a unique integration of engineering, mathematics and computer science.

The School of Engineering is continuing to rise in national prominence as it works to expand undergraduate and graduate education and research in directions that emphasize holistic thinking and multidisciplinary strategies and methods (<http://www.uvm.edu/~cems/soe/>). The College also continues a three-year strategic research initiative in the field of complex systems. In addition to housing the Center for Complex Systems (<http://www.uvm.edu/~cems/complexsystems/>), the College plays a major role in the UVM Transportation Research Center (<http://www.uvm.edu/~transctr/>) and the Vermont Advanced Computing Center (<http://www.uvm.edu/~vacc/>).

Qualifications for the position include an earned doctorate in an appropriate discipline, a strong record of teaching excellence, research and scholarly activity, external funding, and administrative leadership experience, establishing the credentials to be appointed as a full professor in the School. Candidates must demonstrate familiarity with ABET accreditation procedures and assessment. The successful candidate will be expected to work with the Dean of the College to lead the School to national prominence in both engineering education and selected areas of scholarship that will complement and build on College initiatives in complex systems research and University-wide initiatives in computational sciences, energy/environment, and/or life sciences. We are especially soliciting applications from scholars who will foster innovative approaches to interdisciplinary research and engineering education geared toward preparing engineering leaders.

Founded in 1791 and including over 100 years of engineering education, the University of Vermont is ranked as one of the top public universities and leading mid-sized research universities in the United States. The University is located in Burlington, Vermont often rated as the best small city in America. The greater Burlington area comprises approximately 150,000 inhabitants and enjoys a panoramic setting on the shores of Lake Champlain nestled between the Adirondack and Green Mountains. There are ample opportunities for interactions with local industries. We encourage and support faculty and student diversity, so the successful candidate must have an understanding and commitment to diversity.

Qualified applicants must apply online via the UVM site: [www.uvmjobs.com](http://www.uvmjobs.com). Applicants should submit a current curriculum vitae a detailed statement of educational philosophy, and should also arrange for three letters of reference to also be submitted online.

Inquiries about the position or the School may be emailed to Richard Foote, (Search Committee Chair): [foote@cems.uvm.edu](mailto:foote@cems.uvm.edu). Applications from underrepresented groups in engineering are especially encouraged.

The search will continue until the position is filled but applicants are encouraged to submit applications by February 1, 2009 when the first review will take place.



# JOB OPPORTUNITIES



[www.alyeska-pipe.com](http://www.alyeska-pipe.com)

## PROGRAM SUPPORT ENGINEER – CORROSION Fairbanks, Alaska (Job Number 4876)

Responsible for identifying and managing the development of all technical deliverables associated with the Integrity Management Program. Management includes annual monitoring, evaluation and assessment of collected integrity data, scope identification, scheduling, and budget control, while assuring applicable regulatory, industry, and Alyeska guidelines are met. Engineers in this job have the ability to solve non-routine problems and can successfully work as members of multidisciplinary teams. The Program Support Engineer may be recognized as the subject matter expert and may be the Regulatory Specialist in their area of expertise. They participate in planning and scheduling for short- to medium-term assignments and projects and check progress against schedule and budget. Minimum Qualifications include a 4-year degree in Engineering or a related technical field (or equivalent related experience) plus 6 years of related experience in pipeline and facility corrosion prevention, detection, and mitigation.

## Three (3) positions available: PROJECT CONTROLS ESTIMATOR (1) PLANNER (2) COST ENGINEER (3) Anchorage, Alaska

Accountable for overall project cost estimating, baseline estimate development, FAR's, cost impact estimating and analysis, developing project funding (AFE) estimates, and related tasks. Oversee the execution contractor (engineering, construction, inspection, etc) and subcontractor cost estimating efforts and renders technical guidance and assistance when appropriate or required. Job incumbent shall be knowledgeable and experienced with related discipline worker-hour estimating, material pricing, performing quantity takeoffs, statistical analysis, cost and price analysis, life cycle analysis, vendor/subcontractor solicitation, wages and rates for related domestic areas and/or regions, and report writing. Maintain the Project Control System for approximately \$125+ million, and 75+ on capital and major maintenance projects annually, in support of multiple project managers and their teams. This includes strategic planning, development of the work breakdown structure, verifying estimates, scheduling, budgeting, forecasting, and performance reporting.

Minimum Qualifications include a 4-year degree (preferably in Engineering, Construction Management, or Business) or equivalent related experience plus 5 years of related experience.

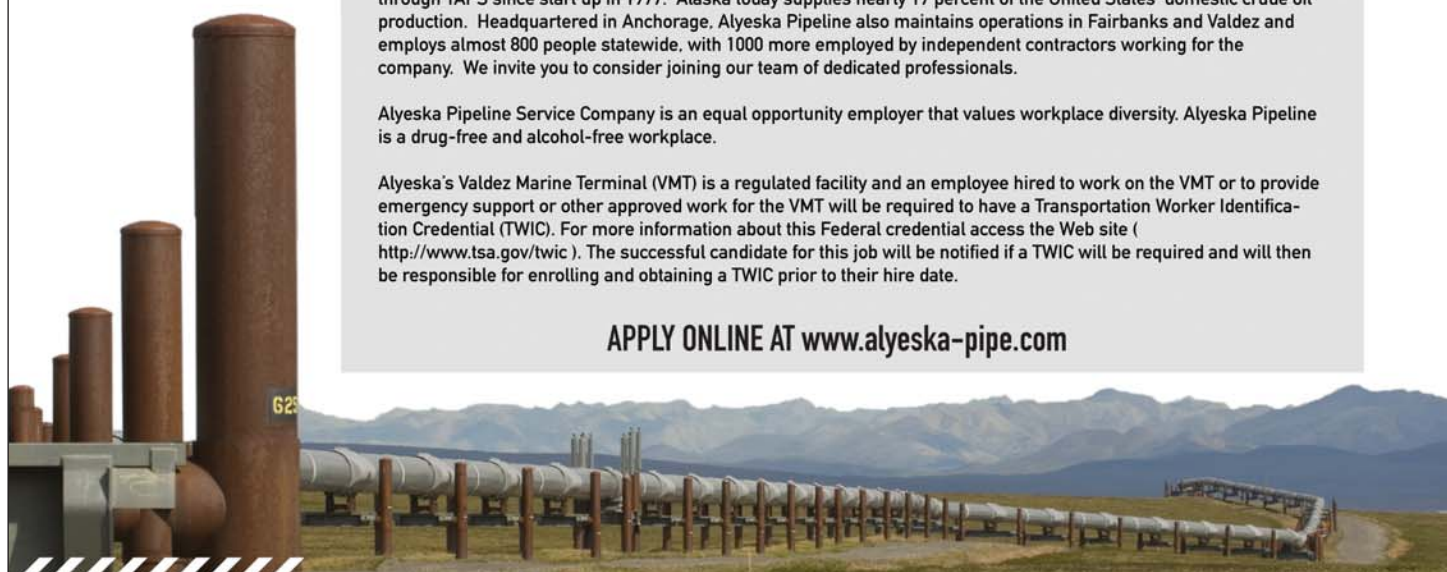
## About Alyeska Pipeline Service Company

Alyeska Pipeline Service Company was established in 1970 and charged with designing, constructing, operating, and maintaining the Trans Alaska Pipeline System, commonly called TAPS. More than 15 billion barrels have moved through TAPS since start up in 1977. Alaska today supplies nearly 17 percent of the United States' domestic crude oil production. Headquartered in Anchorage, Alyeska Pipeline also maintains operations in Fairbanks and Valdez and employs almost 800 people statewide, with 1000 more employed by independent contractors working for the company. We invite you to consider joining our team of dedicated professionals.

Alyeska Pipeline Service Company is an equal opportunity employer that values workplace diversity. Alyeska Pipeline is a drug-free and alcohol-free workplace.

Alyeska's Valdez Marine Terminal (VMT) is a regulated facility and an employee hired to work on the VMT or to provide emergency support or other approved work for the VMT will be required to have a Transportation Worker Identification Credential (TWIC). For more information about this Federal credential access the Web site (<http://www.tsa.gov/twic>). The successful candidate for this job will be notified if a TWIC will be required and will then be responsible for enrolling and obtaining a TWIC prior to their hire date.

APPLY ONLINE AT [www.alyeska-pipe.com](http://www.alyeska-pipe.com)





Three post-doctoral positions are available immediately at the Lenfest Center for Sustainable Energy of Columbia University in New York City.

*The mission of the Lenfest Center for Sustainable Energy is to develop technologies and institutions to ensure a sufficient supply of environmentally sustainable energy for all humanity. To meet this goal, the Center focuses primarily on the technological and institutional development of the three energy resources sufficient to support the world's projected population in 2100 without increased carbon emissions: solar, nuclear, and fossil fuels combined with carbon capture and storage.*

Positions are related to on-going projects involving carbon capture and storage, synthesis of green liquid fuels and green chemicals from biomass and solid municipal wastes, and also development of high temperature membrane for fuel cell applications. The candidate must have a Ph.D. in Chemical Engineering, Environmental Engineering, Mechanical Engineering or a related field and expertise in one or more of the following areas: carbon sequestration, reaction engineering, catalysis, energy conversion systems, carbon electrochemistry, alternative energy, synthesis of engineered particles, and multiphase flow reactors. One of the positions is available in the area of life-cycle analysis with respect to sustainable energy research. Work will entail leading design, coordination and execution of the experimental and/or simulation studies. Good verbal and written communication skills are required. Appointment is for up to 3 years contingent upon performance.

Please send curriculum vitae and the names of three references to:

**Peter Rennée**  
Columbia University  
918 S.W. Mudd Hall, Mailcode: 4711  
500 W. 120th Street  
New York, NY 10027  
Phone: 212-854-7065  
Fax: 212-854-7081  
Email: pr99@columbia.edu

## THE FACULTY OF ENGINEERING AND ARCHITECTURE AT THE AMERICAN UNIVERSITY OF BEIRUT

invites applications to fill faculty positions in Chemical Engineering at all ranks, including visiting appointments. Applicants are expected to have a commensurate record of accomplishments and will be spearheading the establishment of a Chemical and Petroleum Engineering Department at AUB. Applications in all research areas will be considered, with emphasis on candidates with expertise in both energy science and engineering. Applications in the biomolecular and nanoscale systems, organic and molecular electronics, reservoir engineering, and petroleum engineering, or related fields will also be considered. Applicants must have a PhD degree in Chemical Engineering or in a closely related field, preferably with postdoctoral or industrial experience. At least one degree must have been earned in chemical engineering or engineering chemistry. Applicants are expected to lead vigorous research programs, teach, and advise students at both the undergraduate and graduate levels. Salary is commensurate with education and experience. The proposed starting date for positions is in September 2009. Applications will be accepted until all positions are filled. **Applicants should include a complete resume, a brief statement of their interests that includes their vision of their teaching and**

research, and the names and addresses of at least three references. The complete application should be sent via air mail or by e-mail before to: **Dean of Engineering (email: ihajj@aub.edu.lb), Faculty of Engineering and Architecture, American University of Beirut, P.O. Box 11-0236, Riad El-Solh, Beirut 1107-2020, Lebanon.** The American University of Beirut is an affirmative action, equal opportunity employer. AUB's home page is at: [www.aub.edu.lb](http://www.aub.edu.lb).

## 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 a pdf file of their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: CBEopen@nd.edu. Please direct any questions to mjm@nd.edu.** Notre Dame is an equal opportunity/affirmative action employer.



## BioMolecular Engineering

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

MSOE is a private, application-orientated university with programs in engineering, engineering technology, technical communication, business, construction management and nursing. Primarily a 4-year undergraduate institution, we emphasize excellence in teaching. Applied research involving undergraduate students, and consulting, are encouraged.

Complete applications, including a letter of interest, CV, a brief statement of teaching philosophy and three letters of recommendation, should be submitted to:

**Dr. M. Kaltchev, Chair, Department of Physics and Chemistry**  
Milwaukee School of Engineering  
1025 N. Broadway  
Milwaukee, WI 53202.  
[kaltchev@msoe.edu](mailto:kaltchev@msoe.edu)

The selection process will continue until the positions are filled.

*MSOE is an Equal Opportunity Employer*

## ENERGY ENGINEERING FACULTY POSITIONS KANSAS STATE UNIVERSITY

Kansas State University seeks exceptional candidates for three Energy Engineering positions (one Full Professor and two tenure-track Assistant Professors). The positions are expected to be in the Department of Chemical Engineering and associated with the Center for Sustainable Energy; however, appointments in other departments can be negotiated. Requirements: PhD in Chemical Engineering or other energy related disciplines in science and engineering. We seek applicants with specialization in the thermochemical conversion and catalytic processes, separations, and related biomass-derived energy fields. Additionally, applicants for the professor position should have credentials suitable for appointment as a full Professor in one or more of the Departments within the College. These credentials must include a successful record of scholarship, innovation, and/or entrepreneurship. Duties: Lead vigorous research programs, teach, and advise students at both the undergraduate and graduate levels. **Contact:** A single PDF file containing a curriculum vitae, statements of research and teaching interest, and names and addresses (including emails) of three professional references should be submitted to: [CSE-search@ksu.edu](mailto:CSE-search@ksu.edu). Nominations and inquiries should be addressed to: Mary Rezac, Professor and Head, Department of Chemical Engineering, Kansas State University, Manhattan, KS 66506-5102, [Rezac@ksu.edu](mailto:Rezac@ksu.edu); 785-532-5584. Review will begin on January 5, 2009, and continue until the positions are filled. Kansas State University is pro-active in exploring opportunities for the employment of spouses, both inside and outside the University. Background checks required. KSU actively seeks diversity among its employees and is an equal opportunity/affirmative action employer.



### Colorado School of Mines Department of Petroleum Engineering Department Head and Harry D. Campbell Chair in Petroleum Engineering

Colorado School of Mines invites nominations and applications for the Department Head and Harry D. Campbell Chair in Petroleum Engineering. Mines seeks a scholar and academic leader to advance the Department's mission of preparing the highest quality undergraduate and graduate students to serve society through professional engagement in industry, academia and government and to develop and enhance the creation of new knowledge to meet the world's current and future energy needs through cutting-edge research; and, to serve the broader community through the continuing education of professionals and through professional activities of the Department's faculty.

Applicants must have an earned doctorate in petroleum engineering or a closely related discipline; an outstanding record of research, scholarship, teaching and professional service in petroleum engineering/energy sciences; and proven leadership and management experience.

For more information and instructions on how to apply: [http://www.mines.edu/Academic\\_Faculty](http://www.mines.edu/Academic_Faculty)  
CSM is an EEO/AA employer.



### The Ralph E. Martin Department of Chemical Engineering

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

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

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

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

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

For further information, visit our web site at:  
<http://www.cheguark.edu/>  
and the UA job listings at:

<http://hr.uark.edu/employment/NonClassifiedTypes.asp>  
The University of Arkansas is an Affirmative Action/EOE employer, committed to achieving a culturally diverse faculty.

We strongly encourage applications from all qualified candidates.

**KANSAS STATE UNIVERSITY, COLLEGE OF ENGINEERING  
DEPARTMENT OF CHEMICAL ENGINEERING, MANHATTAN, KANSAS**

Web Site: <http://www.che.ksu.edu/>. The College of Engineering at Kansas State University (K-State) invites nominations and applications for the position of Head of the Department of Chemical Engineering. The College seeks an individual who will provide innovative and energetic leadership to enhance successful instructional, research, and outreach programs in the department (see <http://www.che.ksu.edu/>). Attributes desired in the successful candidate include a strong record of scholarly and/or professional accomplishments, a distinguished scholarly reputation in the technical community, administrative experience in an academic environment, and excellent interpersonal skills. An earned doctorate in Chemical Engineering, or a closely related field, is required. Additional information on position and application details can be found at [http://www.che.ksu.edu/depthead\\_position.htm](http://www.che.ksu.edu/depthead_position.htm). Preference will be given to applications received by January 7, 2009. However, the position will remain open until filled. The anticipated starting date is July, 2009, or as soon thereafter as possible. Kansas State University is strongly committed to diversity and encourages applications from female and under-represented candidates. We welcome dual-career applicants. **Questions regarding the position can be directed to Professor Gary Clark, Search Committee Chair. Phone: 785-532-5580; e-mail: [gac@ksu.edu](mailto:gac@ksu.edu).** Kansas State University is an Equal Opportunity Employer that actively seeks employee diversity.

**ASST./ASSOC. PROF., OTTO H. YORK DEPT. OF CHEMICAL,  
BIOLOGICAL & PHARMACEUTICAL ENGINEERING**

The Otto York Dept. of Chemical, Biological & Pharmaceutical Engineering at New Jersey Institute of Technology (NJIT) invites applications for a tenure-track faculty position at the Assistant or higher level, with research expertise in the general area of chemical engineering. Although there are no restrictions on

specific research area for candidates, preference will be given to research interests that will complement & strengthen NJIT's participation in NSF Engineering Research Center on Structured Organic Particulate Systems, which focuses on developing a model-predictive integrated framework for systematically designing materials, structures & processes used to manufacture the next generation of active substance delivery systems for pharmaceutical, food & agro-chemical industries. Applicants should have an earned PhD in Chemical Engineering or related disciplines & demonstrated record of cross-disciplinary research. The successful candidate is expected to teach undergraduate & graduate courses & develop a world-class research program funded by federal & industrial sources. **Apply at <https://njit.jobs>, using posting #0600351 & include a CV, names of four references, a statement of research & teaching interests.** Position will remain open until filled. Candidates from under-represented minority groups are encouraged to apply. EOE/AA.

**THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING  
AT RUTGERS UNIVERSITY**

invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. 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 is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. There are no restrictions on research area for candidates; however, preference will be given to research interests in the following areas: Pharmaceutical Processing (particle technology, nanoparticle synthesis, etc.), Emerging Energy Technologies (synfuels, biofuels, heterogeneous catalysis, etc.), Advanced Materials, as well as areas that will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems



**Professor, Director, and  
Earnest W. Deavenport, Jr. Chair  
Dave C. Swalm School of Chemical Engineering  
Mississippi State University**

Applications and nominations are being sought for the Professor and Director of the Dave C. Swalm School of Chemical Engineering at Mississippi State University (MSU). The Director will also hold the Earnest W. Deavenport, Jr. Chair in Chemical Engineering. The Swalm School of Chemical Engineering is an ABET accredited program with a record of scholarly achievement and an ongoing research program generating research expenditures averaging over \$4M during the last two years. Degrees are offered at the B.S., M.S., and Ph.D. levels leading to expertise in several areas including Crystallization, Medical Micro-devices, Materials, and Energy. Eleven tenure-track faculty members, 220 undergraduates, and 34 graduate students comprise the program. The School is housed in a modern facility that opened in July 2000 featuring 18 fully equipped research laboratories, 10 classrooms, and a multimedia auditorium. Endowments in excess of \$8M exist to support student scholarships and other initiatives. In addition to the Deavenport Chair, the Hunter Henry Chair and Texas Olefins Professorship are housed in the School.

The successful candidate must hold earned B.S. and Ph.D. degrees in Chemical Engineering, or closely related fields, and possess excellent leadership and interpersonal skills. They will be a nationally recognized scholar with distinguished records of funding, publication, teaching, and service commensurate with the rank of a Professor and a holder of an endowed chair. Relevant administrative and industrial experience is desirable. Initial screening of candidates begins January 7, 2009 and will continue until the position is filled. The anticipated starting date is July 1, 2009. Complete applications should include a letter outlining the applicant's qualifications, a vision for leadership of the School, current curriculum vitae, and contact information for at least three professional references. Letters of nomination or applications should be sent to: Dr. Dennis D. Truax, P.E., Chair, Search Committee for Director of Dave C. Swalm School of Chemical Engineering, P.O. Box 9595, Mississippi State, MS 39762-9595 or [Truax@CEE.MsState.Edu](mailto:Truax@CEE.MsState.Edu). For more information, visit <http://www.che.msstate.edu>. Mississippi State University is an AA/EOE.



**THE PETROLEUM INSTITUTE  
ABU DHABI, UNITED ARAB EMIRATES**

**Institution:** The Petroleum Institute (PI) was created in 2001 with the goal of establishing itself as a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI grants both BS and Masters Degrees in chemical engineering with plans to start the PhD program by 2011. The PI's sponsors and affiliates include Abu Dhabi National Oil Company and four major international oil companies. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. The PI is also affiliated with the Colorado School of Mines, the University of Maryland (College Park), and the Leoben and Linz Universities. PI is in the process of developing future working relationships with other major universities and research institutions around the world to capitalize on joint research areas of interest. For additional information, please refer to the PI website: [www.pi.ac.ae](http://www.pi.ac.ae).

**PROFESSOR AND PROGRAM CHAIRMAN  
- CHEMICAL ENGINEERING PROGRAM**

The Petroleum Institute in Abu Dhabi is seeking applications and nominations for the position of Professor and Program Chairman of the Department of Chemical Engineering. Candidates should have an earned a doctorate in chemical engineering or a closely related field, has a strong leadership ability, a demonstrated profile of progressively increasing responsibility and achievement in an academic or industrial setting, and a commitment to chemical engineering education. This position reports directly to the Provost of the Institute and is responsible for the leadership of the Chemical Engineering Program.

The Program Chairman for Chemical Engineering is responsible for all academic and administrative functions relating to the operation of the department, including the following activities:

- Faculty recruitment**
- Faculty development and evaluation**
- Program assessment**
- Curriculum and laboratory development**
- Departmental staff management, recruiting and evaluation**
- Departmental strategic planning**
- Departmental budgeting**
- Health, safety and environmental issues**

**Salary/Benefits:** The total compensation package includes a tax-free 12-month base salary, and a benefits allowance that covers relocation, housing, initial furnishings, utilities, transportation (automobile purchase loan), health insurance, end-of-service benefit and annual leave travel. Applicants must be in excellent health and will be required to pass a pre-employment physical examination.

**To Apply:** Interested candidates should submit all materials via online submission: [http://www.pi.ac.ae/jobs/CE\\_Chairman](http://www.pi.ac.ae/jobs/CE_Chairman). Review of applications will begin immediately and will continue until successful candidates are selected. Only short-listed applicants will be notified.

(<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: [cbsearch@sol.rutgers.edu](mailto:cbsearch@sol.rutgers.edu), or Chair of the Search Committee, Department of Chemical and Biochemical Engineering, Rutgers The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854-8058.** Review of applications will continue until the position is filled. Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

#### **MATH OR SCIENCE PROFESSIONAL SEEKING A CAREER CHANGE? TEMPLE UNIVERSITY CAN HELP!**

A new program at Temple University trains early retirees and career changers to become science or mathematics teachers in middle-grade schools. Educating Middle-grades Teachers for Challenging Contexts (E=mc<sup>2</sup>) is a Transition to Teaching program with an accelerated, practical, and flexible path to teaching. **For more details and how to apply, go to [www.temple.edu/education/emc2](http://www.temple.edu/education/emc2) or email [emc2@temple.edu](mailto:emc2@temple.edu).**

#### **BIOSYSTEMS & AGRICULTURAL ENGINEERING OKLAHOMA STATE UNIVERSITY**

Assistant Professor - Bioconversion Engineering (Thermochemical), 80% Research, 20% Teaching. Tenure-track position to conduct research on thermochemical processes that convert biological materials to value-added products, with initial focus in gasification of a variety of biomass feedstocks to generate synthesis gases that are fermented into liquid fuel and co-products. Requires earned doctorate in Biosystems, Agricultural, Chemical or Mechanical Engineering or closely related engineering discipline. **Detailed job description and application information may be found at <http://biosystems.okstate.edu>.** OSU is an Affirmative Action/Equal Employment Opportunity/E-Verify employer committed to multicultural diversity. The OSU/Stillwater campus is tobacco-free.

#### **RECRUITMENT ADVERTISING INFORMATION**

##### **Classifications:**

Positions open – academic and industrial positions

##### **Issuance:**

Published monthly

##### **Closing date:**

Closing date for January 2009 issue is December 10, 2008.

##### **Rates:**

Word ads are \$4/word (conjunctions not counted). Simply e-mail a word document to [denid@aiiche.org](mailto:denid@aiiche.org). Contact 646-279-2149 or [denid@aiiche.org](mailto:denid@aiiche.org) for classified display ad and guidelines for submittal.

##### **Web posting:**

Classified advertisers receive a \$200/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.aiiche.org>**



Massachusetts Institute of Technology

It takes everyone at MIT to be MIT.

## **Faculty Position**

### **Department of Chemical Engineering**

The MIT Department of Chemical Engineering seeks candidates for a tenure-track faculty position to begin July 2009 or thereafter. Appointment would be at the assistant or untenured associate professor level. In special cases, a senior faculty appointment may be possible. Faculty duties include teaching at the graduate and undergraduate levels, research, and supervision of student research. We will consider candidates with backgrounds and interests in chemical engineering or a related field. Candidates should hold a Ph.D. in chemical engineering or a related field by the beginning of the appointment period. The candidate should have demonstrated excellence in original research.

Interested candidates should submit application materials electronically at <https://chemefacsrch.mit.edu>. Each application should include: a curriculum vitae; the names and addresses of three or more references; a statement of research interests; and a statement of teaching interests. We request that each candidate arrange for reference letters to be uploaded at <https://chemefacsrch.mit.edu/letters/>. Questions should be addressed to ChemE-Search-Master at [chemefacsrch.mit.edu](mailto:chemefacsrch.mit.edu). Responses by December 15, 2008 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.*

<http://web.mit.edu>



## **Department of Chemical Engineering**

### **Tenure Track Faculty Position**

The Department of Chemical Engineering at WPI invites applications for a tenure-track position starting in August 2009 at the Assistant Professor level. The department is interested in applicants with expertise in energy-related research that will complement our existing programs that include fuel cells, hydrogen membranes, and catalysis and electrocatalysis. The selected candidate will have the opportunity to be affiliated with a planned Massachusetts Hydrogen and Fuel Cells Institute and other energy-related initiatives at WPI. Successful candidates for the position are expected to develop a vigorous, externally-funded research program, and to participate in our nationally-recognized, project-based educational system.

The Chemical Engineering Department offers both undergraduate and graduate (M.S., Ph.D.) degrees. WPI is a private, selective technological university with an undergraduate student body of 3,150 and 1,300 full-time and part-time graduate students. Worcester, New England's second largest city, offers ready access to diverse economic, cultural and recreational resources of the region. Further information about WPI and the department can be accessed at:

**<http://www.wpi.edu>**

Applicants should send pdf-formatted applications including curriculum vitae, a statement of research and teaching interests, and the names of three references to [faculty-searchCHE@wpi.edu](mailto:faculty-searchCHE@wpi.edu). Inquiries can be addressed to **Dr. Ravi Datta, Chair, Search Committee, Department of Chemical Engineering, Worcester Polytechnic Institute, 100 Institute Road, Worcester, MA 01609**. Review of applications will begin immediately and will continue until suitable candidates are identified.

To enrich education through diversity, WPI is an affirmative action, equal opportunity employer. Member of the Colleges of Worcester Consortium