# **CLASSIFIEDLISTINGS**

#### **POSITIONS AVAILABLE**

#### **BP, CHEMICAL RESEARCH ENGINEER**

Located in Warrenville, IL, this position is responsible for conducting research on the development, implementation & improvement of anaerobic and related effluent control technologies for current /proposed Purified Terephthalic Acid (PTA) plants. Other duties include formulating innovative options to reduce the cost of environmental compliance and direct project start-up of PTA wastewater treatment plants worldwide. A master's degree in Chemical Engineering is required.

To apply, send resume & salary history to:

BP Chemical, Polyester Int. Business Unit, Attn: Stephen Taylor, Senior HR Advisor, MC G-2, 150 W. Warrenville Rd., Naperville, IL 60563. Fax: 630-961-6223. Email: tayloras@bp.com. No phone calls please. EOE. www.bp.com

#### CAREER OPPORTUNITIES-NATIONWIDE

EXPERIENCED CANDIDATE'S PHARMACEUTICAL/ BIOMEDICAL ONLY-CHEMISTS/QA/QC/ PROCESS/PROJECT/VALIDATION/REGAFFAIRS/ FOR-MULATIONS-E-mail RESUME TO: pa@ansara.com. FAX: 413-731-1486

#### CITIZENS DEMOCRACY CORPS (CDC)

#### International Volunteer Consultant Opportunities

Since 1990, CDC, an international economic development non-profit, has placed business experts in emerging countries worldwide to complete short-term assignments with private companies. CDC is currently seeking all types of experienced Chemical Engineering Professionals for 2-8 week assignments in Russia, Thailand, Azerbaijan and Central Asia. Please visit http://www.cdc.org. Send resume to: Citizens Democracy Corps, Attention: Dean Koulouris, 1400 I Street, NW, Suite 1125, Washington, DC 20005 - or Email: info@cdc.org

#### COLUMBIAN CHEMICALS COMPANY, COMBUSTION CFD ENGINEER

Columbian Chemicals Company, a wholly owned subsidiary of Phelps Dodge Corporation, is the third largest global manufacturer of carbon black in the world, with manufacturing plants located in 9 different countries. We have the following opportunity available at our Marietta, GA Technology facility: Combustion CFD Engineer

#### Responsibilities

- Utilizing commercial CFD software to design reactor prototypes.
- Planning and conducting experiments to complement CFD analysis.
- · Planning and conducting field trials of prototype equipment.
- Analyzing data and reporting results of trials.

#### Education

- M.S. in Mechanical, Chemical, or Aerospace Engineering or related field.
  Experience Required
- 1 to 4 years of relevant experience

#### **Skills Required**

- Experience using CFD codes for reacting/combusting flows. Knowledge of Fluent or Star-CD a plus.
- Experience with measurement techniques as applied to combustion envi-
- ronments (especially as applied to commercial scale combustors/reactors).
- Also desire experience in atomization and pollutant formation.

Please email resumes to: bstagg@phelpsd.com

#### **GRESHAM & GRESHAM, TECHNICAL SALES**

Marketing technical service chemicals/refinery/ paper/power/process industries - specialty & commodity chemicals/polymers/catalysts/equipment \$62-98K+. **CONSULTING** refining/gas petrochem economics/ projects/ computer \$110K+. **PLANT** process engineering petrochem/ refining \$70-85K. **GRESHAM & GRESHAM** Box 820888, Houston, TX 77282. Est. 1966, AIChE, ISA, TAPPI. Confidential/call home/nationwide (713) 780-1000 fax, 781-3300 gresham@pdq.net

#### **ACADEMIC** OPENINGS

UNIVERSITY OF KANSAS, ASSOCIATE/FULL/DISTINGUISHED PROFESSOR, DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING Tenure track position beginning August 18,2003: The Department of Chemical and Petroleum Engineering at the University of Kansas invites nominations and applications for a senior faculty position, including at the Distinguished Professor level. Rank and salary will be commensurate with qualifications. The potential candidate is expected to work closely with the Tertiary Oil Recovery Project (TORP) and eventually assume a leadership position in sustaining and developing TORP activities. Required qualifications: earned PhD degree in chemical or petroleum engineering or a closely related field, eligible for a tenured faculty appointment at the associate or full professor level, ability to teach petroleum engineering courses and chemical engineering core courses at the undergraduate and graduate levels, and an outstanding record of research and scholarship. Applicants for distinguished professorship must met additional criteria available in the Faculty Senate Handbook on the KU website (www.ku.edu). Preferred gualifications: experience in reservoir engineering and improved oil recovery, demonstrated management ability, a strong fund-raising background and capability to interact with leaders in business, government and oil operators in Kansas. Review of applications begins September 30, 2002 and will continue until the position is filled. A complete application includes a letter of application, resume or curriculum vita, and names of three references. For a complete position announcement, contact: Dr. G. Paul Willhite, Search Chair, Department of Chemical and Petroleum Engineering, University of Kansas, Learned Hall, 1530 W. 15th Street, Room 4006, Lawrence, KS 66045-7609, (785) 864-2906. EO/AA Employer.

# UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN, CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY OPENING

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications from outstanding candidates for one or more full time regular faculty positions (rank open). A preferred starting date for these positions is August 2003. In order to ensure full consideration, applications must be received by December 1, 2002. Interviews may be conducted during the application period, but all applications received by December 1 will receive full consideration: salary and appointment level are open and will depend upon gualifications. A PhD with a distinguished academic record is required. Duties include teaching undergraduate and graduate courses, direction of MS and PhD theses, and service to the University and profession. The candidate is expected to develop a strong imaginative research program, to engage in outstanding scholarly activities leading to national and international recognition, and to bring innovation to instruction. Past accomplishments should support these expectations. Applications with curriculum vitae, research and instruction statement, and names of three references should be sent to Professor Mark J Kushner, Interim Head of Chemical and Biomolecular Engineering, University of Illinois, 114 Roger Adams lab, Box C-3, 600 S Mathews Avenue, Urbana, Illinois 61801, phone (217) 333-3640. Application packages in electronic form as PDF files may be e-mailed to Ms. Kim Johnson, kjohns@uiuc.edu. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

# THE UNIVERSITY OF TENNESSEE AT KNOXVILLE, BIOPROCESS ENGINEERING FACULTY

A tenure-track, 12-month faculty position with teaching and research responsibilities in the area of Bioprocess Engineering is available in the Biosystems Engineering & Environmental Science Department at The University of Tennessee, Knoxville (http://bioengr.ag.utk.edu/). SALARY: Commensurate with experience.

Approximately 70% of the appointment will be allocated to developing and

leading a research program in engineering as it relates to biological processes, with an emphasis on agricultural, environmental, or ecological systems. The research focus of the position will address bioprocess engineering at the organismal, cellular, or molecular levels in one or more of the following areas: bio-based industrial products and energy sources, scale-up of biotechnology processes to enhance production of new products, optimizing growth and productivity of living organisms, or processing of waste materials to add value or reduce environmental impacts. This research may be directed to an emphasis on development of systems to contain, enhance, control, or optimize bioprocessing systems, or to discoveries about the fundamentals of biological processes. The faculty member will be expected to collaborate in interdisciplinary research programs and teams, and to participate in activities that contribute to a continual strengthening of the research program within the department. Approximately 30% of the appointment will be allocated to developing and teaching contemporary graduate and undergraduate engineering courses that encompass subject matter related to the engineering of biological processes, including life systems. Teaching responsibilities will include assisting with student recruitment, advising and career placement, and participation in activities that enhance the department's instructional program. REQUIREMENTS: An earned doctorate in Biosystems Engineering, Biological, Engineering, Chemical Engineering, or a closely related discipline, with course work in Microbiology or Biochemistry and the application of these sciences to biological process engineering and bioreactors, is required. Demonstrated oral and written communication skills are required. The capacity and desire to work cooperatively in multidisciplinary teams, and the ability to obtain and administer extramural funds are expected. Progression toward professional engineering licensure, and familiarity with modern analytical techniques for biochemical and molecular biology are desired. TO APPLY: Send letter of application, detailed resume, and transcripts of all college work, and the names, phone numbers, and e-mail addresses of 5 professional references to:

Dr. Ronald E. Yoder, Head and Search Committee Chair, Bioprocess Engineering Position, Biosystems Engineering & Environmental Science Department, 2506 E.J. Chapman Drive, Knoxville, TN 37996-4531, Telephone: 865-974-7266 FAX: 865-974-4514 e-mail: ryoder@utk.edu

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.

UNIVERSITY OF SOUTHERN CALIFORNIA, DEPARTMENT OF CHEMICAL ENGINEERING FACULTY POSITIONS Department of Chemical Engineering at the University of Southern California has faculty positions at the Assistant, Associate, and the Full Professor levels. The successful candidate must have a Ph.D. in chemical engineering or a closely related field, and will be expected to conduct high quality, externally funded research, to teach at the undergraduate and graduate levels, and to provide service to the Department and to the School of Engineering. The research area is open. However, candidates with research interests in the areas of complex fluids, polymers and biomaterials, genetic engineering, and biosensors are particularly encouraged to apply.

In addition to a dynamic faculty, USC has much to offer to a qualified candidate, including (1) many large interdisciplinary research clusters in one of the leading schools of engineering in the United States; (2) the Alfred E. Mann Institute for Biomedical Engineering; (3) USC's high performance computing group, one of the leading groups in the world; (4) the Keck School of Medicine with multidisciplinary research programs, and (5) USC's location in Southern California, one of the world's largest centers of high-technology industries.

Qualified candidates are invited to submit a curriculum vitae, a summary of projected research activities and teaching interests, and a list of references to Chair, Faculty Search Committee, Department of Chemical Engineering, University of Southern California, Los Angeles, CA 90089-1211. Screening will begin December 1, 2001, and candidates will be considered until the positions are filled. USC is an Affirmative Action/Equal Opportunity employer.

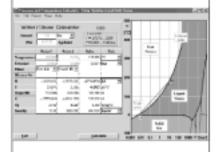
#### UNIVERSITY OF ALBERTA, CHEMICAL AND MATERIALS ENGINEERING

The Department of Chemical and Materials Engineering, University of Alberta, as part of the research program that is being conducted under the NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology, is seeking a candidate for the position of Research Associate. The candidate should have combined expertise in Chemical Engineering, Coal Cleaning and Combustion Technology, and Coal Combustion Emission Control. Strong background in Chemistry, in particular in analytical chemistry will be an asset. The candidate must have a high level of physical understanding of coal combustion emission. The candidate should have demonstrated research independence with minimum supervision and have published in prestigious learned journals. The position is available for an initial one year. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Interested candidates should apply, prior to December 1, 2002, directly to: Professor Zhenghe Xu, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, T6G 2G6, Canada. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

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# C L A S S I F I E D L I S T I N G S C O N T I N U E D

# UNIVERSITY OF ALBERTA, ASSISTANT PROFESSOR, CHEMICAL AND MATERIALS ENGINEERING

The Department of Chemical and Materials Engineering, University of Alberta, invites applications for a tenure-track faculty position at the Assistant Professor level in the general areas of energy and/or energy and the environment. The position is currently open and will be filled as soon as possible. Candidates must either hold a PhD in Chemical Engineering, or related field, or expect to receive one shortly after taking up their appointment. Successful candidates will be expected to establish viable and productive research programs, and teach both graduate and undergraduate courses. The position is intended to complement our current strength in Utilization of Fossil Energy Resources and Interfacial Phenomena. One component of the research program will be air-borne toxin emission control from coal combustion, to complement an NSERC-EPCOR-AERI Industrial Research Chair in Advanced Coal Cleaning and Combustion Technology. For information about our Department, please consult our web site at http://www.ualberta.ca/CMENG/ . All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. A resume, the names of three confidential references, and a statement of current research interests and plans for future research should be sent to: Dr. J.F. Forbes, Department of Chemical and Materials Engineering, University of Alberta, Edmonton, Alberta, Canada T6G 2G6. Applications are requested prior to December 15, 2002. The University of Alberta hires on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all gualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons.

# Life at Lilly

#### UNIVERSITAT ROVIRA I VIRGILI, TARRAGONA (SPAIN).

The Department of Chemical Engineering is seeking applicants for two tenure-track faculty positions at the rank of Associated Professor. Applicants must be citizens of any member state of the European Union and must have a PhD or ScD. in Chemical Engineering, Chemical, Mechanical Engineering or closely related discipline. We seek outstanding candidates who possess the potential and commitment for excellence in undergraduate and graduate teaching and research in biotechnology or process control or transport phenomena or materials and polymers or molecular modelling or process systems engineering or heterogeneous catalysis. Applicants should send a curriculum vitae, copy of doctor's degree, the names and addresses of three referees, and a statement of research and teaching interest to: The Chair of The Search Committee, Dept. d'Enginyeria QuÌmica, Escola TËcnica Superior d'Enginyeria Quìmica, Universitat Rovira i Virgili, Av. PaÔsos Catalans, 26, 43007 TARRAGONA, Spain (phone 34-977559643; Fax 34-977559621; eq2@etseq.urv.es). The final date for receipt of applications is November 30, 2002.

#### STEVENS INSTITUTE OF TECHNOLOGY, POSTDOCTORAL RESEARCH POSITIONS Stevens Institute of Technology has immediate openings for three postdoctoral research positions in the New Jersey Center for MicroChemical Systems, which is being established under the auspices of the New Jersey Commission on Science and Technology and with federal government and industry support. The Center is housed in the Department of Chemical, Biochemical and Materials Engineering (http://www. soe.stevens-tech.edu/cbme/). Stevens is located on a scenic, 55-acre, parklike campus in Hoboken, New Jersey, just across the Hudson River from midtown Manhattan. Founded in 1870 in Hoboken, New Jersey, Stevens is

#### real people doing extraordinary things

At Lilly, our work saves lives and affects the quality of life for people around the globe. Our success as one of the largest biotech firms in the world stems from more than 125 years of experience, a pipeline of innovative products, and a dedicated team of some of the brightest individuals in the industry. We're doing extraordinary things. Join us and you could be, too.

Lilly engineers seek to optimize the Company's ability to effectively create, develop, and manufacture pharmaceutical-based healthcare solutions for people around the world. Our vision is to create and adapt innovative engineering methods that develop and improve Lilly products and facilities.

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- AUTOMATION VALIDATION ENGINEER
- AUTOMATION PROJECT MANAGER

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We are looking for candidates with expertise in: (1) chemical reaction engineering/heterogeneous catalysis, experience in microreaction engineering will be a plus (2) computational transport phenomena modeling and simulations, and (3) microarray kinetic evaluation tools and methodologies. Applicants should send curriculum vitae and be prepared to arrange for three letters of reference to:

Prof. A. Lawal

Department of Chemical, Biochemical, and Materials Engineering Stevens Institute of Technology Castle Point on Hudson Hoboken, New Jersey 07030 alawal@stevens-tech.edu

# STEVENS INSTITUTE OF TECHNOLOGY, TWO TENURE-TRACK FACULTY POSITIONS IN BIOMEDICAL ENGINEERING

New Jersey Center for MicroChemical Systems

Department of Chemical, Biochemical and Materials Engineering

Stevens Institute of Technology has openings for two tenure-track faculty positions at any professorial rank in the Department of Chemical, Biochemical and Materials Engineering (http://www.soe.stevens-tech.edu/cbme/). The Department has about 150 undergraduate students and 60 graduate students with annual research expenditures over \$2.5M.

Under the auspices of the New Jersey Commission on Science and Technology and with several major federal government grants and industry matching support, we are in the process of establishing the New Jersey Center for MicroChemical Systems. Our vision is to become a global leader in developing innovative micro-kinetic test and design methodologies for rapid MicroChemical Systems development, demonstration and commercialization in partnership with industry and government for miniature power, ondemand chemical production and biomedical applications.

We are particularly looking for two additional faculty members to highlight the biomedical engineering dimension of our new research initiative. Ideal candidates will have Ph.D. degrees in Biomedical Engineering, Chemical Engineering, or Materials Science and Engineering. The candidates are also expected to teach in the undergraduate biomedical engineering program and to enhance current graduate programs. Consideration of applicants will continue until the positions are filled.

Applicants should send a curriculum vitae with a plan of research and an educational plan, and be prepared to arrange for three letters of reference to be sent to:

Prof. W. Y. Lee, Department Director Department of Chemical, Biochemical, and Materials Engineering Stevens Institute of Technology Castle Point on Hudson Hoboken, New Jersey 07030

#### TULANE UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING

We invite applications for a full-time faculty position. Rank and salary will be commensurate with qualifications. We seek an outstanding individual with a Ph.D. in Chemical Engineering or closely related field. Demonstrated excellence in research and a strong commitment to teaching are essential. All research areas will be considered, but preference will be given to process control/design, biotechnology and advanced materials. 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 references to: Chair, Faculty Search Committee, Department of Chemical Engineering, Tulane University, New Orleans, LA 70118. Complete applications should be received by December 1st, 2002 for full consideration; applications accepted thereafter until the position is filled. Tulane is an affirmative action, equal opportunity employer.

#### LOUISIANA TECH UNIVERSITY, ASSISTANT/ASSOCIATE PROFESSOR

The Chemical Engineering Program at Louisiana Tech University invites applications for two tenure track Assistant/Associate Professor positions available September 1, 2003. **Selection Criteria:** An earned Ph. D. in chemical engineering or a closely related field. The successful candidate will

exhibit the ability to develop a well-funded research program and to participate in teaching, service and other scholarly activities. Promise of excellence in teaching, strong communication skills and an ability to provide leadership to the program is expected. Candidates are sought with a proven research interest and capability in areas of enzyme catalysis, protein engineering, and/or biomaterials applied to micro-fabricated systems though other areas of chemical engineering research with potential for application to micro-systems will be considered. Review of applications will begin September 30, 2002 and will continue until the positions are filled. Applicants should send an application letter, a vita, a statement of research and teaching interests and the names of at least three references (with addresses and email contact information) to: Chemical Engineering Search, Louisiana Tech University, P. O. Box 10348 T. S., Ruston, LA 71272. AA/EOE-women and minorities are encouraged to apply.

IOWA STATE UNIVERSITY, THE DEPARTMENT OF CHEMICAL ENGINEERING (http://www.iastate.edu/~ch\_e/) ISU is soliciting applications for several faculty positions. Applications will be considered for tenure-track positions at the Assistant, Associate and Full Professor levels. Responsibilities for all candidates will include training of graduate students as well as undergraduate education and service activities. All applicants should have a Ph.D. in chemical engineering or related field. Applicants at the Assistant Professor level will be expected to demonstrate accomplishments or potential for excellence in both research and teaching; those at the Associate Professor or Professor levels should have in addition an internationally recognized record of extramurally funded research. Research area is open but one position is targeted to participation in a University initiative in advanced materials. Interested individuals should submit a letter of application, curriculum vita, a statement of research and teaching interests, a graduate transcript, and contact information for at least three references. For earliest consideration, applications should be received by December 13, 2002, and sent to Professor Kurt R. Hebert, Chair, Search Committee, Department of Chemical Engineering, Iowa State University, Ames, IA 50011-2230. Iowa State University is an Equal Opportunity/Affirmative Action Employer.



#### UNIVERSITY OF HOUSTON

#### Cullen College of Engineering

Department of Chemical Engineering

#### FACULTY POSITIONS AVAILABLE

The Chemical Engineering Department at the University of Houston (www.chee.uh.edu) seeks tenure-track faculty candidates with a proven record of, or exceptional promise for, effective teaching and pioneering research. Although applications in other research areas will receive consideration, we are especially interested in candidates specializing in:

- **bioengineering** (molecular emphasis);
- polymeric materials (synthesis emphasis);
- reactive & catalytic materials.

Rank and salary will be commensurate with qualifications and experience. Appointment to our faculty requires a PhD in Chemical Engineering or a related field.

Please send a *curriculum vitae*, detailed description of research and teaching interests, your e-mail address, and names **and e-mail addresses** of at least three references to:

Chemical Engineering Faculty Search Committee Engineering Bldg. 1, Rm. 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.

### CLASSIFIED LISTINGS CONTINUED

UNIVERSITY OF WISCONSIN MADISON, THE DEPARTMENT OF CHEMICAL ENGINEERING UW seeks outstanding individuals with a Ph.D. and a strong background relevant to chemical engineering. These tenure track positions will be at a rank commensurate with the qualifications and background of the successful candidates. Candidates should have a distinguished academic record, exceptional potential for creative research, and a commitment to both undergraduate and graduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. Applications with supporting documents and a list of at least three references should be sent to Professor Thomas F. Kuech, Faculty Search Committee, Department of Chemical Engineering, University of Wisconsin-Madison, 1415 Engineering Drive, Madison, WI 53706. The Search Committee will begin reviewing applications in October, 2002. Applications received prior to December 31, 2002 will receive full consideration. The University of Wisconsin is an equal opportunity/ affirmative action employer.

THE OHIO STATE UNIVERSITY, DEPARTMENT CHAIR, CHEMICAL ENGINEERING. After 9 years of distinguished service, the current Chair, L.-S. Fan, wishes to devote more time to research and teaching. With this in mind, the department will seek to succeed Professor Fan with a Chair similarly dedicated to ensuring that Ohio State Chemical Engineering emerges as one of the pre-eminent departments in the United States. Opportunities for the new department chair to build are considerable: Among other current faculty openings are two highly attractive endowed chairs - The Taine McDougal Chair and The Ohio Eminent Scholar Chair in Nanotechnology. Moreover, it is likely that Chemical Engineering will be housed in new quarters within this

#### THE OHIO STATE UNIVERSITY, CHEMICAL ENGINEERING DEPARTMENT

decade. Alumni support is exceptional, both in its guality and in its generosity.

The Ohio State University is seeking applicants for several newly created tenure-track Assistant/Associate professor positions with consideration of exceptional candidates at full professor rank. All research areas will be considered, with special interest in particle technology, bioengineering/ tissue engineering, environmental engineering, and nanofabrication. Candidates should have a Ph.D. degree in Chemical Engineering or allied field and a demonstrated outstanding research record with a strong commitment to teaching excellence. Applicants should submit a detailed curriculum vita, names and addresses of three references, and a statement of teaching and research interests to: Professor Martin Feinberg, Department of Chemical Engineering, The Ohio State University, 140 W. 19th Avenue, Oh 43210-1180. Phone: 614/688-4883, Fax: 614/292-9271, Email: feinberg.14@ohiostate.edu. The search will remain open until the positions are filled. OSU is an Equal opportunity/ Affirmative Action Employer.

#### THE OHIO STATE UNIVERSITY, DISTINGUISHED PROFESSOR IN CHEMICAL

ENGINEERING, The department of Chemical Engineering at Ohio State University is seeking applicants for a senior position to be appointed as "Taine G. McDouglas Professorship in Engineering." All research areas will be considered, with special interest in particle technology, polymers, and biomaterials. The Ohio State University, founded in 1871, is one of the largest land-grant universities in the country, with 50,000 students, 4,000 faculty and 20,000 staff members. Located in Columbus, the capital of Ohio, it enjoys a rich cultural life in an urban setting with the close-knit community atmosphere of the Midwest. The Department of Chemical Engineering, one of the oldest in the country, has 13 full-time and 3 active emeritus faculty, 80 graduate students, 400 undergraduate students and over 3,000 alumni, who are very supportive of the Department. The annual research budget exceeds \$4.5 million. Candidates should have a Ph.D. degree in Chemical Engineering or allied field and an outstanding research record with a strong commitment to teaching excellence. Review of applications will begin February 1, 2002, and will continue until the position is filled. Applicants should submit a detailed curriculum vita, names and addresses of four references, and a statement of teaching and research interests to: Professor Martin Feinberg, Department of Chemical Engineering, The Ohio State University, 140 West

19th Avenue, Columbus, Ohio 43210-1180. Phone: 614/688-4883, Fax: 614/292-9271, Email: feinberg.14@ohio-state.edu.

# THE OHIO STATE UNIVERSITY, OHIO EMINENT SCHOLAR CHAIR IN NANOTECHNOLOGY

The state of Ohio has awarded a very prestigious Ohio Eminent Scholar Chair in Nanotechnology to The Ohio State University. The chair will be housed primarily in the Department of Chemical Engineering, but the holder of the chair will have connections to the interdisciplinary Center for Materials Research and other departments within the university. We seek applications from highly distinguished scholars whose work has been influential in applying molecular science and technology to chemical or biochemical systems at the nanoscale level.

Applicants should submit a detailed curriculum vita, names and addresses of four references, and a statement of teaching and research interests to: Professor **Martin Feinberg**, Department of Chemical Engineering, The Ohio State University, 140 West 19th Avenue, Columbus, Ohio 43210-1180. **Phone:** 614/688-4883, **Fax:** 614/292-9271, **Email:** feinberg.14@ohio-state.edu. The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

#### UNIVERSITY OF TORONTO, ASSISTANT PROFESSOR

The Department of Chemical Engineering and Applied Chemistry invites applications for a position in the tenure-stream at the rank of Assistant Professor. The successful candidate will show excellent leadership and innovation in research. Subjects of strategic interest to the Department are: -microfluidics/micro-unit-operations, polymer synthesis or surface modification for micro-scale applications or other phenomena of interest in micro-scale chemical engineering, and

-mathematical modeling of chemical or biochemical systems with analytical, numerical and/or informatics expertise.

Applicants are expected to have a PhD or equivalent, demonstrated excellence in research and excellent teaching skills. The successful candidate will be expected to initiate and lead an independent research program of international caliber. The successful candidate will also be expected to teach at the undergraduate and post-graduate level in chemical engineering. Collaborative and inter-disciplinary research and collegial interaction will be important elements in success. 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 to have sent directly three letters of reference to:

#### Professor Douglas Reeve,

Frank Dottori Professor of Pulp and Paper Engineering, Chair, Department of Chemical Engineering and Applied Chemistry,

University of Toronto, 200 College St., Toronto, Ontario, Canada M5S 3E5. The search will continue until the position is filled. To ensure consideration, interested individuals should deliver their application before November 15, 2002. Inquiries: chair@chem-eng.utoronto.ca

Information: 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.

#### NORTHEASTERN UNIVERSITY, CHEMICAL ENGINEERING DEPARTMENT

Boston, Massachusetts Department of Chemical Engineering at Northeastern University invites applications for several positions that are available for tenure-track faculty appointments at all levels. Applicants for the position must have a Ph.D. in chemical engineering or a related field and a strong commitment to excellence in teaching and research. Preferences will be given to individuals with research interests in the areas of advanced materials (catalysis, synthesis of nano-materials, biomaterials, and electronic materials, microgravity materials processing), bioengineering (fermentation, tissue engineering, and bioseparation), and process control. Responsibilities include teaching at the undergraduate and graduate levels, graduate student supervision, and establishment of a funded research program. Position available for the Fall 2003 or earlier. Salary and rank are commensurate with experience. Applications from women and minorities are particularly encouraged. Please send a letter of application, statement of teaching and research interests, and a current resume including the names of three references to: Al Sacco, Jr., Search Committee Chair, Department of Chemical Engineering (342 SN), Northeastern University, 360 Huntington Avenue, Boston, MA 02115, or email to asacco@coe.neu.edu

Northeastern University is an Equal Opportunity/Affirmative Action Educational Institutional Employer.

#### FRI, TECHNICAL DIRECTOR, OKLAHOMA STATE UNIVERSITY

Due to an imminent retirement, Fractionation Research, Inc. (FRI), the internationally renowned leader in distillation research, has an immediate opening for a Technical Director to lead the experimental and modeling research program at its Stillwater, Oklahoma facilities. Established as a non-profit research consortium in 1952, FRI operates commercial scale columns of 4 and 8 foot diameter and provides advanced distillation technology to over 70 sponsor companies worldwide, from the petroleum, chemical, and engineering industries. The Technical Director manages a group of PhD chemical engineers, research technicians, and support staff. The Director works closely with a technical committee of sponsors in defining and planning the research program and presenting results quarterly at U.S. meetings and periodically in Asia and Europe. As the experimental facilities are located on the campus of Oklahoma State University, a large comprehensive university, the Director has an important relationship with the university, particularly the Chemical Engineering Department. The gualified candidate will have an understanding of the distillation process and how it is used in industry, and have experience in managing an industrial research program. Preferably, the candidate will also have a background in distillation and an advanced engineering degree. FRI offers an excellent compensation package of salary, retirement, and insurance benefits and educational and interface opportunities with Oklahoma State University.

For more information, please visit the FRI website at www.fri.org. To become a candidate, please send resume including academic and employment history to the address below. International candidates should also email their information to jrdeam@aol.com to expedite the process. :

Fractionation Research, Inc. c/o Search Committee P.O. Drawer F Bartlesville, Oklahoma 74005

# UNIVERSITY OF MASSACHUSETTS, CHEMICAL ENGINEERING TENURE TRACK FACULTY POSITIONS:

Ph.D. in chemical engineering or equivalent qualifications and commitment to excellence in teaching and research are required. Research areas open; rank and salary commensurate with qualifications. Starting date September 1, 2003. Please send a rÉsumĚ, statement of teaching interests, research plan, and arrange for three letters of reference directly to: Chair, Faculty Search Committee, Department of Chemical Engineering, University of Massachusetts, 686 No. Pleasant Street, Amherst, MA 01003-9303. Applications are welcome at any time. Reviews will begin September 1, 2002, applications accepted thereafter until the positions are filled. The University of Massachusetts is an Affirmative Action/Equal Opportunity employer; women and members of minority groups are encouraged to apply.

# UNIVERSITY OF ROCHESTER, ROCHESTER, NEW YORK POSITION IN CHEMICAL ENGINEERING

The Department of Chemical Engineering, University of Rochester, invites applications for a tenure-track position at the assistant professor level. The current search represents the University's continuing commitment to advanced materials. Expertise in biomaterials with a strong engineering flavor is especially encouraged to complement Department's existing strengths; please visit www.che.rochester.edu for relevant information. This

new position provides excellent opportunities for professional growth through collaborations with the School of Medicine, the Laboratory for Laser Energetics, and the Departments of Biomedical Engineering, Chemistry, Optics, and Physics. The applicants should have a Ph.D. in Chemical Engineering or a related field, a strong commitment to education at the B.S., M.S. and Ph.D. levels, and the potential for developing a renowned research program. Review of applications will begin immediately and continue until the position is filled. Please submit a curriculum vita, a set of representative publications, a summary of research accomplishments to date, a statement of research and teaching plans, and the names with contact information of three references to:

Shaw H. Chen Professor and Chair Department of Chemical Engineering University of Rochester Rochester, NY 14627-0166 The University is an Affirmative Action/Equal Opportunity Employer

#### BUCKNELL UNIVERSITY, ASSISTANT PROFESSOR

Bucknell University invites applications for an entry-level tenure-track assistant professor position in chemical engineering, beginning fall 2003, and requiring potential for excellence in teaching and scholarship within a program which emphasizes the undergraduate experience. Please visit the Bucknell chemical engineering department on the web at: www.eg.bucknell.edu/academics/depts/cheg/ for full details.

UNIVERSITY OF SOUTH FLORIDA, FACULTY POSITION, DEPARTMENT OF CHEMICAL ENGINEERING As of October 1, 2002, the Department of Chemical Engineering invites applications and nominations for a faculty position starting August, 2003. This is a tenure-track appointment. Candidates must have an earned Ph.D. in chemical engineering or a closely related field with at least one degree in Chemical Engineering. Preference will be given at the Assistant Professor level but exceptional candidates at other levels with an established record of research, publications and funding may be considered. Candidates with accomplishments in the areas of bioengineering or materials are especially encouraged to apply.

The successful candidate is expected to develop a national and internationally recognized program of externally funded research and demonstrate a strong commitment to excellence in undergraduate and graduate education. The Chemical Engineering program is ABET accredited and offers degrees at all levels. The College of Engineering conducts about 20 million dollars/year in sponsored research and USF, a Research I university, is among the 20 largest universities in the U.S. Further information on the department can be found at http://che.eng.usf.edu.

Applicants should send a letter of application, current resume, four letters of reference and a statement of research and teaching interests to:

Professor Scott Campbell Chair, Faculty Search Committee

Chemical Engineering Department, ENB 118 University of South Florida 4202 E. Fowler Avenue Tampa, FL 33620-5350

Screening of applications will begin on December 1, 2002 and will continue until the position is filled. For specific questions about the position, please send e-mail to campbell@eng.usf.edu.

USF is an equal opportunity/equal access/affirmative action institution.

#### UCLA, CHEMICAL ENGINEERING DEPARTMENT

UCLA is seeking applicants for a faculty position effective 2003/2004 academic year. Candidates must have a PhD degree in chemical engineering or a related field, and be able to teach undergraduate and graduate courses and direct MS and PhD theses. All ranks will be considered and the research area is open. At the assistant professor level we are looking for candidates with distinguished academic records, who will develop imaginative research and teaching programs, and will become future leaders in the profession. Associate and full professor candidates should be nationally recognized for their accomplishments. Resumes, reprints of selected publications, a statement of research plans and a list of four references should be forwarded to: Professor Vasilios Manousiouthakis, Chair, Chemical Engineering Department, UCLA, 5531 Boelter Hall, Los Angeles, CA 90095-1592. UCLA is an equal opportunity employer.

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# CASE WESTERN RESERVE UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING THE DEPARTMENT OF CHEMICAL ENGINEERING

at Case Western Reserve University invites applications and nominations for a tenure-track faculty position at the Assistant/Associate Professor level, with consideration of exceptional candidates at Full Professor rank. The research area for this position is open, but special preference will be given to those candidates who enhance the department's focus areas of bioengineering, advanced materials, and electrochemistry. The department is in an exciting period of rapid revitalization, with the addition of 2 junior and 2 senior faculty over the past year. Within the department, interdisciplinary research is strongly encouraged and promoted, through ongoing interactions with the University Hospital and Cleveland Clinic and via the establishment of the Case Advanced Power Institute. Applicants should have a Ph.D. in Chemical Engineering or a closely related field, a strong commitment to teaching at the graduate and undergraduate levels, and the potential to establish an internationally renowned research program. Interested individuals should submit a detailed resume, representative publications, the names and addresses of at least three references, and a statement of research and teaching interests to Chair, Faculty Search Committee, Department of Chemical Engineering, Case Western Reserve University, Cleveland, OH 44106-7217. Screening of applications will begin on November 15, 2002 and will continue until the position is filled. Case Western Reserve University is an equal opportunity/affirmative action employer; applications from qualified women and minorities are encouraged.

THE UNIVERSITY OF SOUTH CAROLINA DEPARTMENT OF CHEMICAL ENGINEERING invites applications for tenure-track positions at all ranks to start in August 2003. Candidates should have an outstanding academic record, commitment to excellence in undergraduate and graduate education, and the ability to establish a vigorous research program. Candidates with backgrounds in nanotechnology, biomedical engineering, or other areas that complement our existing strengths (see www.che.sc.edu) are encouraged to apply. Please send rEsumE, research and teaching plans, and references to Professor Harry Ploehn, Search Committee, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208. Review of applications will continue until the positions are filled. The University of South Carolina is an AA/EOE and encourages applications from underrepresented groups in engineering.

#### THE UNIVERSITY OF MICHIGAN, DEPARTMENT OF CHEMICAL ENGINEERING

The University of Michigan seeks faculty candidates with distinguished academic records, or exceptional potential, and a commitment to both undergraduate and graduate education. The most important criteria for selection are the quality of the candidate's research, communication skills, and the potential of the candidate to establish an internationally renowned, independent research group. Appointments at all professorial levels will be considered. In addition to welcoming applications in all research areas, the department is seeking to fill interdisciplinary positions in bioengineering and energy/environmental engineering. Applicants interested in joint appointments with other departments, such as Materials Science or Biomedical Engineering, or other Departments in or outside of Engineering, are also encouraged to apply. Please send nominations and applications with supporting materials to Professor Ronald Larson, Chair, Department of Chemical Engineering, University of Michigan, Ann Arbor, MI 48109-2136. Minorities and women are encouraged to apply. The University of Michigan is a non-discriminatory, affirmative action employer.

#### THE UNIVERSITY OF TULSA, TENURE-TRACK APPOINTMENT.

The Department of Chemical Engineering is seeking to fill a tenure-track position which has been approved at the Assistant Professor level, but all levels will be considered for qualified applicants. Anticipated starting date is Fall, 2003. The successful candidate must have a sincere commitment to excellence in teaching as well as research. Minimum qualifications include an earned doctorate or its equivalent in chemical engineering or a closely

related field, and the ability to conduct high-quality, externally funded research. The Department, one of nine in the College of Engineering and Natural Sciences, offers degree programs through the Ph.D., with a current enrollment of approximately 100 students. The Department of Chemical Engineering has a strong reputation in petroleum and natural gas processing and refining, and related environmental research. New initiatives in the Department include an environmental experiment station at the Tallgrass Prairie Preserve, and a state-of-the-art process control computer system for automation of the undergraduate lab. Applicants should forward a resume, a statement of teaching interests and gualifications, a one page summary of projected research activities, and the names, addresses and phone numbers of three references. Applications should be sent to Prof. Geoffrey L. Price, Chair, Department of Chemical Engineering, University of Tulsa, 600 S. College Ave., Tulsa, OK 74104-3189. Screening of candidates will begin October 1 and will continue until the appointment is made. The University of Tulsa is an Equal Employment Opportunity/Affirmative Action employer.

COLORADO STATE UNIVERSITY, THE DEPARTMENT OF CHEMICAL **ENGINEERING** The Department of Chemical Engineering at Colorado State University seeks applications and nominations for two tenure-track chemical engineering faculty positions, one at the assistant professor level and the second at open rank. At the junior level, the successful candidate will develop a well-funded research program and actively participate in education and scholarship activities. Senior-level candidates must have a national/international reputation in their research area. There are no restrictions on research area for junior or senior candidates; however, applicants qualified to develop and lead our biomedical engineering program are particularly encouraged. A Ph.D. or equivalent in chemical engineering, biomedical engineering, or related field is required. Important information regarding the application process may be found at http://www.engr.colostate.edu/cheme/search. Electronic submission of application materials at this web site is preferred. If necessary, hardcopy applications may be sent to: Search Committee Chair, Department of Chemical Engineering, Colorado State University, Fort Collins, CO 80523-1370. Colorado State University is an Affirmative Action/Equal Opportunity Employer and encourages qualified women and minorities to apply. Review of applications will begin October 1 and continue until the position is filled.

ILLINOIS INSTITUTE OF TECHNOLOGY, THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING The Department of Chemical and Environmental Engineering at Illinois Institute of Technology invites applications for two (2) tenure-track positions available starting Spring or Fall 2003. All ranks will be considered. The department seeks individuals with outstanding academic records who are dedicated to excellence in education and research. All chemical engineering related areas will be considered. In particular, we are seeking individuals with a strong background in areas such as nanotechnology, bioelectrochemistry, electrochemical sensors, electrocatalysis, energy-storage, and energy-conversion devices. Applicants must demonstrate the ability to lead and attract funds for a high caliber research program. Applicants must possess a Ph.D. degree in chemical engineering or related areas. To apply, please send a resume, statement of research and teaching interests and plans, copies of pertinent publications, and the names of three references to Dr. Jai Prakash, Chair, Faculty Search Committee, Department of Chemical and Environmental Engineering, Illinois Institute of Technology, 10 West 33rd Street, Chicago, IL 60616. Further information is available at www.chee.iit.edu. IIT is an EO/AA employer.

#### NEW MEXICO STATE UNIVERSITY, CHEMICAL ENGINEERING

The Department of Chemical Engineering is seeking to fill a tenure-track position available beginning Fall Semester 2003. Rank is Assistant or Associate Professor based on qualifications. Applicants must have a Ph.D. in chemical engineering or closely related field in hand by the start date. Candidates with industrial experience and P.E. registration are preferred. Evidence of current contributions to the profession is required. We seek outstanding applicants who have a distinguished academic record, a commitment to excellence in both undergraduate and graduate teaching; and who

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will conduct a nationally-recognized, externally-funded research program. All research areas will be considered, but preference will be given to candidates with experience in areas which complement the department's current research activities. See our home page, http://chemeng.nmsu.edu for background information on the department. All applications must include: resume, description of research and teaching interests, and names of three references. Review of applications will begin November 30, 2002. Second review of applications will be January 3, 2003 and will continue until the position is filled. New Mexico State University is an EEO/AA Employer. Offer of employment contingent upon verification of individual's eligibility for employment in the United States. Please send applications to: Dr. M. Mitchell, Chair, Search Committee, Dept. of Chemical Engineering, New Mexico State University, Box 30001, MSC 3805, Las Cruces, NM 88003-8001. Please include a fax number and/or e-mail address where we may contact you. Other contact information: Fax: (505)646-7706, Phone: (505)646-1214, E-mail: chemeng@nmsu.edu.

MICHIGAN TECHNOLOGICAL UNIVERSITY, ASSISTANT/ASSOCIATE **PROFESSOR** The Department of Chemical Engineering at Michigan Technological University (MTU) invites applications for tenure track positions at the Assistant/Associate Professor level available beginning Fall 2003. Priority will be given to faculty candidates with an interest in bioengineering, process design, and optimization, but outstanding candidates in all areas of chemical engineering will be considered. Salary will be commensurate with qualifications and experience. The Department seeks individuals who possess an outstanding academic record, have demonstrated commitment to excellence in undergraduate and graduate education, are capable of establishing a strong research program, and compliment MTU's existing strengths. Applicants with significant industrial experience are encouraged to apply. Details concerning research efforts in the Department can be found on the departmental WWW site at: http://www.chem.mtu.edu/chem\_eng/. Applicants must possess a Ph.D. in Chemical Engineering or related discipline. Please send letter of application, curriculum vitae, statement of research plans and teaching interests, the names/addresses/phone numbers of 3 references, and a set of representative publications to Faculty Search Committee/Chemical Engineering Department, Rm 203 CSE Bldg, 1400 Townsend Drive, Houghton, MI 49931-1295. MTU is an Affirmative Action/Equal Opportunity Employer/Educational Institution.

#### THE UNIVERSITY OF CALIFORNIA RIVERSIDE DEPARTMENT OF CHEMI-CAL & ENVIRONMENTAL ENGINEERING

UC Riverside invites applications for multiple tenure-track or tenured faculty positions. We are particularly interested in (1) Biomaterials/Bioinformatics, (2) Nanotechnology/Advanced Materials, (3) Colloidal and interfacial phenomena with relevance to natural aquatic environments, microbial and pathogen transport, subsurface colloid mediated transport, or biofilms, and (4) Renewable Energy/Fuel Cell. Please indicate on the application the research area (1-4) you would like to be considered. Applicants should have a Ph.D. in Chemical or Environmental engineering or a related field. Candidates for a junior position should demonstrate evidence of outstanding potential in research and teaching. Candidates for a senior position must have established a significant record of achievement in research and teaching. Salary is commensurate with education and experience. Senior applicants should send a letter of professional intent addressing teaching and research objectives, a curriculum vitae, and the names, addresses, and telephone numbers of at least five references. Junior applicants should send a letter of professional intent addressing teaching and research objectives, a curriculum vitae, and three reference letters or the names, addresses, and telephone numbers of three references to: Chemical & Environmental Engineering Search, College of Engineering, University of California, Riverside, CA 92521. To receive full consideration, applications must be received by December 31, 2002, however, late applications will be considered until the positions are filled. For further information, please visit our web at http://engr.ucr.edu/.

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