

ACADEMIC OPENINGS

FACULTY POSITION CHEMICAL AND BIOLOGICAL ENGINEERING

Tufts University invites applications for a tenure-track faculty position in the Department of Chemical and Biological Engineering. The appointment is at the assistant or associate professor rank. The department is looking for candidates with a Ph.D. degree in Chemical Engineering or related field, and with excellent qualifications for teaching and scholarship in any of the broad areas of biochemical engineering, biomaterials and bioinformatics.

The department of Chemical and Biological Engineering at Tufts has recently pioneered its new name to signal the beginning of a new era for chemical engineering, one where biology is integrated with chemistry and engineering under the powerful paradigm of chemical engineering. Over the past year, successful hires took place at both the assistant professor rank and of a new chair to lead the department and spearhead the curricular and research-base expansions. The candidate for the new faculty position is expected to play a key role in further realizing the department's goals. Ample opportunities exist for cross-disciplinary programs at Tufts. Strong interactions with the Biomedical Engineering Department and the other engineering and science departments, the Bioengineering Center, and the Medical, Dental, and Veterinary Schools of Tufts are currently in place. The vibrant biotechnology community in Boston fosters many of these interactions. Information about the faculty, the state-of-the-art facilities of the department, degree programs, and other facts can be found on the web site: <http://ase.tufts.edu/chemical/>. Applications review will begin on November 1, 2003, and will continue until the position is filled. Please send letter of interest, curriculum vitae, list of publications, and list of references to: Prof. Maria Flytzani-Stephanopoulos, Chair, Faculty Search Committee, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155. Tufts University is an Equal Opportunity/Affirmative Action Employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

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 biomolecular engineering, computation, 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 31st, 2003 for full consideration; applications accepted thereafter until the position is filled. Tulane is an affirmative action, equal opportunity employer.

RICE UNIVERSITY, THE CHEMICAL ENGINEERING DEPARTMENT

Rice University invites applications or nominations for a tenure-track or tenured faculty position. The successful candidate should have a distinguished academic record, demonstrated excellence in research, and a strong commitment to both graduate and undergraduate education. Preference will be given to candidates with research interests in metabolic engineering, proteomics, or materials. However, outstanding candidates with other interests will be given full consideration. The department has current

and emerging strengths in biosystems engineering, advanced materials including complex fluids, and energy systems. Level of appointment depends on qualifications. Please send resume, list of references, and a research plan to Chair, Faculty Search Committee, Chemical Engineering Department, MS-362, Rice University, P.O. Box 1892, Houston, TX 77251-1892. Rice is an Equal Opportunity/Affirmative Action employer.

UNIVERSITY OF WISCONSIN-MADISON, THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING

University of Wisconsin-Madison seeks outstanding individuals with a Ph.D. and a strong background relevant to chemical or biological engineering. These tenure track positions will be at a rank commensurate with the qualifications and background of the successful candidates. Candidates should have a distinguished academic record, exceptional potential for creative research, and a commitment to both undergraduate and graduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. Applications with supporting documents and a list of at least three references should be sent to Professor Michael D. Graham, Faculty Search Committee, Department of Chemical & Biological Engineering, University of Wisconsin-Madison, 1415 Engineering Drive, Madison, WI 53706. The Search Committee will begin reviewing applications in October, 2003. Applications received prior to December 31, 2003 will receive full consideration. The University of Wisconsin is an equal opportunity/affirmative action employer.

UNIVERSITY OF COLORADO, THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING

The Department of Chemical and Biological Engineering (www.colorado.edu/che) is seeking to hire two exceptional candidates as assistant, associate or full professors. A junior faculty position is targeted to candidates with research interests in biological engineering. A senior faculty position has no restrictions on research area, though candidates with interests in biological engineering are particularly encouraged to apply. Applicants should send a vitae, research and teaching statements, and names of at least three references to Christopher Bowman, Chair, Department of Chemical and Biological Engineering, 424 UCB, University of Colorado, Boulder, 80309-0424, Christopher.Bowman@colorado.edu. Review of applications will begin in November 2003. The University of Colorado is committed to diversity and equality in education and employment.

CHEMICAL ENGINEERING AND MATERIALS SCIENCE UNIVERSITY OF MINNESOTA

The Department of Chemical Engineering and Materials Science at the University of Minnesota seeks to fill a faculty position in chemical engineering or materials science and engineering (MSE) at the assistant (tenure track), associate or full (tenure track or tenured) professor level. Assistant professor candidates should have a distinguished academic record, including a Ph.D. degree, outstanding potential for establishing an independent research program, and a commitment to both undergraduate and graduate teaching in a highly interdisciplinary department. The department will consider outstanding candidates in any area of chemical engineering and materials science and engineering. Associate and full professor candidates should also have several years of quality teaching and/or research experience and a proven publication record.

Send a complete CV including a list of publications, and three references, to the Chemical Engineering and Materials Science Search Committee Chair, Department of Chemical Engineering and Materials Science, University of Minnesota, 151 Amundson Hall, 421 Washington Avenue SE, Minneapolis, MN 55455. Information on the Department, the current faculty and the University is available at <http://www.cems.umn.edu>.

Review of the applications will begin on December 1, 2003, and continue until the position is filled.

It is hoped that the successful candidate will be in place for the start of the Fall Semester 2004.

The University of Minnesota is an equal opportunity educator and employer.

CHAIR, DEPARTMENT OF CHEMICAL ENGINEERING, TEXAS TECH UNIVERSITY.

Applications are invited for the position of Chair in the Department of Chemical Engineering at Texas Tech University. Candidates should have an earned Doctorate in Chemical Engineering or related discipline. The successful candidate will have a demonstrated record of accomplishment in research and experience relevant to the administration of an academic department of 12 full time faculty plus appropriate support staff. Effective teaching skills are also important qualifications. The Department, which has approximately 170 undergraduates and 35 graduate students, is building its research capabilities in line with University Goals to become a top tier research institution and the successful candidate will be expected to contribute to that growth. Last year, the Department had \$2.5M in research expenditures in four identified focus areas: Process Control, Modeling and Optimization; Polymers, Materials and Rheology; Bioengineering; and Computational Methods. In addition, TTU has a history of effective undergraduate education. The candidate's vision of creating a healthy balance between research and education is an important consideration in the position. The College of Engineering has approximately 2,950 undergraduate students, 675 graduate students, and 125 faculty in eight departments. Texas Tech University is a comprehensive state-supported university (including Law and Medical Schools) with approximately 29,000 students. Applications will be reviewed beginning immediately, with interviews starting in January 2004. The search will continue until the position is filled. Send a complete resume and names and contact information for 5 references to Chair, Chemical Engineering Search Committee, Department of Chemical Engineering, Mail Stop 3121, Texas Tech University, Lubbock, TX, 79409-3121. (<http://www.che.ttu.edu>). Texas Tech University is an Equal Employment Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

ASSISTANT PROFESSOR, CHEMICAL ENGINEERING

This is a tenure-track appointment beginning Fall of 2004. Teach undergraduate and graduate courses in chemical engineering; advise undergraduate and graduate students, develop internationally recognized, funded research program. Ph.D. in chemical engineering or related field required by time of appointment, with at least one degree in chemical engineering. Post-doctoral or industrial experience preferred but not required. Demonstrated research competence and commitment to undergraduate and graduate teaching required. Research area open but some preference given to biology-related research experience. Visit our website at http://www.uri.edu/human_resources for additional information. Review of applications will begin on September 30, 2003 and continue until the position is filled. Submit a letter of interest, current curriculum vitae, transcripts, a statement of research and teaching plans, and at least three letters of recommendation to: Angelo Lucia, Search Chair, (Req # CEP010449), UNIVERSITY OF RHODE ISLAND, P.O. Box G, Kingston, RI 02881. URI is an AA/EEO employer and values diversity.

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. Applicants should have developed or show potential for development of an outstanding research program and possess a strong commitment to graduate and undergraduate education. Applicants should send their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: Professor Mark J. McCready, Department of Chemical &

Biomolecular Engineering, 182 Fitzpatrick Hall, University of Notre Dame, Notre Dame, Indiana 46556-5637.

Notre Dame is an equal opportunity/affirmative action employer.

THE UNIVERSITY OF ALABAMA IN HUNTSVILLE THE DEPARTMENT

OF CHEMICAL AND MATERIALS ENGINEERING seeks an outstanding individual to fill a tenure-track position at the Assistant/Associate Professor level. Applicants for the position should have a PhD, at least one degree in chemical engineering, and a balanced interest in teaching and research. Preference will be given to applicants with a biochemical, bioprocesses, or bioseparations background to establish a strong interdisciplinary research program at the interface between engineering and life sciences. The department has a large contingent of minority and women undergraduate. Prospective candidates are invited to visit the department's web page at <http://chemeng.uah.edu>. Review of applications will start January 1st 2004 and will continue until the position is filled. Applicants should submit a detailed resume, statement of research plan, statement of teaching philosophy, degree transcripts, and list of three professional references to: Chair Department of Chemical and Materials Engineering, University of Alabama in Huntsville, Huntsville, Alabama, 35899. Applications from women and minority candidates are encouraged. UAH is an EO/AEE employer.

UNIVERSITY OF MARYLAND BALTIMORE COUNTY

The Department of Chemical and Biochemical Engineering is seeking to fill two tenure-track faculty positions. Candidates at the assistant, associate, or full professor level will be considered. Applicants must have a Ph.D. in chemical or biochemical engineering or in a closely related discipline. We seek outstanding candidates who have a commitment to excellence in teaching and who will develop and lead a research program with successful funding. The research interests of candidates should complement the department's emphasis in biochemical and biomedical engineering. The Department has state of the art facilities and excellent opportunities exist for interaction with a number of federal laboratories and local industry. Interested candidates should send a resume and a statement of teaching and research interests to: Professor Govind Rao, Chair, CBE Faculty Search Committee, Department of Chemical and Biochemical Engineering, University of Maryland Baltimore County, 1000 Hilltop Circle, Baltimore, MD 21250. Candidates should also arrange to have three letters of reference sent to the same address.

Screening of candidates will start immediately and will continue until positions are filled. For more information about our university and department, please visit our website at <http://www.umbc.edu/cbe>. UMBC is an AA/EEO.

UNIVERSITY OF ILLINOIS OF URBANA-CHAMPAIGN

CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY OPENING

The Department of Chemical and Biomolecular Engineering at the University of Illinois of 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, 2004. In order to ensure full consideration, applications must be received by December 1, 2003. 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 qualifications. A Ph.D. with a distinguished academic record is required. Duties include teaching undergraduate and graduate courses, direction of M.S. and Ph.D. 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 Deborah E. Leckband, 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, kljohns@uiuc.edu. The University of Illinois is an Affirmative Action/Equal Opportunity employer.

CHEMICAL/MATERIALS ENGINEERING

Bucknell University (www.bucknell.edu) invites applications for a tenure-track position at the entry-level assistant professor rank in the department of chemical engineering beginning Fall 2004. Doctorate in chemical engineering (or related field) and commitment to teaching excellence required. Industrial experience desirable. Responsibilities to include classroom and laboratory instruction in materials science and chemical engineering. Opportunities exist for mentoring research students at the undergraduate and master's levels, and offering electives in particular area of interest/expertise. Applications will be reviewed beginning in January and will continue to be accepted until the position is filled. Send curriculum vitae, brief statement of teaching and research interests, and names of three references to Professor Michael Hanyak, Search Committee Chair, Department of Chemical Engineering, Bucknell University, Lewisburg, PA 17837. Bucknell University encourages applications from women and minority groups (EEO/AA).

CGMP FERMENTATION PILOT PLANT COORDINATOR

University of Nebraska, Lincoln. Biological Process Development Facility (BPDF) in the Department of Chemical Engineering at the University of Nebraska, Lincoln invites applications for a non-tenure track position as Coordinator/Manager of the BPDF current Good Manufacturing Practice (cGMP) Fermentation Pilot Plant (FPP). The BPDF is currently capable of producing Phase I clinical material in yeast or bacteria in its current facility and is scheduled to complete a new cGMP facility in the basement of the Othmer Hall for producing Phase I/II clinical material by spring 2005 that will accommodate both bacterial/yeast and mammalian cell culture. Applicants for the position should have experience in pilot-scale fermentation in a regulated facility. Experience in bacterial or yeast systems at the pilot-scale under cGMP are preferred. This individual will work closely with BPDF staff in the transfer of processes into the pilot plant, specifically the Fermentation Development Laboratory (FDL), Purification Development Laboratory (PDL), Quality Control and Quality Assurance. The BPDF has 14,000 ft² of research laboratory space and 15,000 ft² of cGMP space, which is under construction. The BPDF is an integrated bioprocess development facility focused research, process development and production of clinical biotherapeutic molecules. The BPDF is part of the Department of Chemical Engineering at UNL, which has a strong commitment to both biochemical and biomedical engineering. The position is available in Spring 2004 or earlier. Salary is commensurate with

experience. Please view the Department web page (<http://chem.unl.edu>) for more information. Send curriculum vitae, names of three references including mailing address, email address, and telephone number to:

Dr. Michael Meagher,
207 Othmer Hall, Chemical Engineering,
P.O. Box 68588-0643, Lincoln, NE.

Screening of applications will begin November 1, 2003 and will continue until the position is filled.

The University of Nebraska is committed to a pluralistic campus community through Affirmative Action and Equal Opportunity and is responsive to the needs of dual career couples. We assure reasonable accommodations under the Americans with Disabilities Act in order to apply or interview for this position. Please contact Nicole Church at 402-472-2750 for assistance.



At Honda R&D Americas, Inc., you'll be involved in projects that not only excite you, but also turn the heads of an entire industry. Our engineers are designing, testing and using their talents to create the motorcycles/ATVs, automobiles and power equipment concepts of the future. And in the process they rediscover why they chose this profession — the power to turn today's dreams into tomorrow's products. It's a high-performance, highly rewarding opportunity and we invite you to come along for the ride of your life.

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www.hondaresearch.com

KOC UNIVERSITY

The Department of Chemical and Biological Engineering at Koc University seeks faculty applications for Fall 2004. All research areas will be considered but a proven record in biological systems, molecular engineering and biotechnology is preferred. Applications including curriculum vita, statement of teaching and research interests, and the names and addresses of at least three references should be mailed to:

Prof. Yaman Arkun, Dean

College of Engineering

KOC University

Rumelifeneri Yolu, Sariyer

Istanbul, Turkey 34450

Applicants are also advised to send their application material by email to: yarkun@ku.edu.tr. More information on the department can be found at <http://www.eng.ku.edu.tr/>.

UNIVERSITY OF SOUTH FLORIDA

Faculty Position Department of Chemical Engineering

The Department of Chemical Engineering invites applications and nominations for a faculty position starting August, 2004. This is a tenure-track appointment. The new faculty must have an earned Ph.D. in chemical engineering or a closely related field. 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 new faculty 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 Chemical Engineering 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, a list of references 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

Deadline for applying is January 2, 2004. 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.

UNIVERSITY OF SOUTH CAROLINA

DEPARTMENT OF CHEMICAL ENGINEERING

We invite applications for multiple tenure-track positions at all ranks to begin in August 2004. We seek individuals possessing an outstanding academic record, a 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 (electrochemical systems, catalysis, materials - see www.che.sc.edu) are especially encouraged to apply. Please send a curriculum vitae, descriptions of research and teaching plans, representative publications, and a list of references to Dr. Harry Ploehn, Faculty 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 Affirmative Action, Equal Opportunity Employer.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT

Case Western Reserve University

Assistant/Associate Professor

The Department of Chemical Engineering at Case Western Reserve University invites applications for a tenure track faculty position at the Assistant/Associate Professor level. Areas of interest include, but are not limited to, bioengineering, microfabrication processing and nanotechnology. The Department is in an exciting period of growth, three senior and two junior faculty members have been added in the last 18 months. The Department has exceptional research strengths in electrochemical engineering, fuel cell technology, MEMS processing, and advanced materials. Interdisciplinary research is strongly encouraged through ongoing interaction with University Hospitals of Cleveland and The Cleveland Clinic Foundation as well as via the newly established Case Advanced Power Institute and the Institute of Micro and Nano Systems. Applicants should have a Ph.D. in Chemical Engineering or a closely related field. The faculty member is expected to develop an internationally renowned funded research program and to teach graduate and undergraduate courses in chemical engineering. Applicants should submit a detailed resume (including research and teaching interests and experience), and the names and addresses of at least three references to:

Chair, Faculty Search Committee

Department of Chemical Engineering

A.W. Smith Building

Case Western Reserve University

Cleveland, OH 44106-7217

We will accept applications now 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. <http://www.cwru.edu/cse/eche/>

UNIVERSITY OF HOUSTON ASSISTANT PROFESSORSHIP, TENURE-TRACK

The Chemical Engineering Department at the University of Houston seeks faculty candidates with a proven record of, or exceptional promise for, effective teaching and pioneering research. Research area is open. Appointment to our faculty requires a PhD in Chemical Engineering or a related field. Please send a CV, detailed description of research 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.

CARNEGIE MELLON UNIVERSITY

Chemical Engineering Tenure-track Faculty Positions

The Department of Chemical Engineering at Carnegie Mellon is seeking applicants for one or two tenure-track faculty positions preferably at, but not restricted to, the Assistant Professor level. We seek outstanding candidates who are committed to excellence in education and research. Candidates must hold a Ph.D. degree, in Chemical Engineering or a related discipline. While all research areas will be considered, candidates with backgrounds and research interests appropriate for a 50/50 joint appointment between Chemical Engineering and the newly formed Biomedical Engineering Department will receive special attention. Candidates with clearly articulated interests in policy will be considered for a 50/50 joint appointment with the Department of Engineering and Public Policy. Applicants should submit a CV, statement of research and teaching interests, and the names of three references to: Dr. Dennis Prieve, Chemical Engineering Department, Carnegie Mellon University, 5000 Forbes Avenue,

Pittsburgh, PA 15213-3890. E-mail: dcprive@andrew.cmu.edu.
Reviews will begin December 1, 2003. Carnegie Mellon University is an
Equal Opportunity/Affirmative Action/Equal Access Employer.
For more information, see <http://www.cheme.cmu.edu>

ASSISTANT PROFESSOR IOWA STATE UNIVERSITY AMES, IOWA

Iowa State University seeks to fill a newly created nine-month tenure-track position at the assistant professor level in the area of molecular microbiology focused on novel metabolic processes and/or associated biocatalysts. This position (Vacancy No. 033539) is part of a new interdepartmental initiative focused on developing biorenewable resources (www.biorenew.iastate.edu) and will be located in one or more departments, including Chemical Engineering (www.iastate.edu/~ch_e/), Biochemistry, Biophysics, & Molecular Biology (www.bb.iastate.edu), and/or Food Science and Human Nutrition (www.fcs.iastate.edu/fshn/), depending on the qualifications and professional interests of the person hired. The successful candidate will clearly demonstrate the potential to develop and lead a nationally prominent, competitively funded basic research program, and display a commitment to excellence in teaching at the graduate and/or undergraduate level. Candidates must have a Ph.D. or equivalent degree and demonstrated scholarship and research productivity in metabolic processes and/or associated biocatalysts. Preference will be given to candidates with postdoctoral experience and demonstrated potential to obtain federally funded, competitive research grants. Applicants should submit a cover letter, CV, concise statement of research and teaching interests, representative sample(s) of scholarly work, and arrange for three letters of recommendation to be sent to: Bioeconomy Faculty Search, Iowa State University, 283 Metals Development Bldg., Ames, IA 50011-3020. Please include a return email address for communication purposes. Applications received by December 15, 2003, are guaranteed consideration. Iowa State University is an EO/AA employer. Applications from women and minority candidates are especially encouraged.

THE DEPARTMENT CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF WYOMING

has an opening for the position of Department Head and Professor of Chemical Engineering. The successful candidate will be expected to have an earned doctorate in chemical engineering or a closely related field, to provide the leadership and vision for our undergraduate and graduate programs, to have strong interpersonal and communication skills, and to have a proven record of research productivity. Candidates are invited to mail or email their application, resume, statements of teaching, research, and administrative goals, selected reprints of recent papers and contact information for at least three references to: Chair, Search Committee, Department of Chemical and Petroleum Engineering, University of Wyoming, Laramie, WY 82071-3295.

[<mailto:margep@uwyo.edu>](mailto:margep@uwyo.edu)

[<http://www.eng.uwyo.edu/chemical>](http://www.eng.uwyo.edu/chemical)

Tel: (307) 766-2500. We will begin the application review process December 1, 2003. A preferred starting date is August 24, 2004.

The University of Wyoming is an AA/EEO employer.

UNIVERSITY OF KANSAS CHAIRPERSON DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING

The Department of Chemical and Petroleum Engineering (CPE) at the University of Kansas seeks an outstanding individual to lead a faculty of 15 as chairperson. The successful candidate must be

eligible for a tenured faculty appointment in chemical or petroleum engineering. A candidate meeting university-wide criteria may also be appointed as a Distinguished Professor.

The CPE Department is a dynamic, growing department with a long history of excellence in undergraduate education, graduate education, and research. The Department is very proud of the faculty's emphasis on high quality instruction and members have received several awards at the School and University level for their efforts. CPE offers degrees in chemical engineering and in petroleum engineering at the BS, MS, and PhD level. The research program of the faculty is quite diverse and is highlighted by the nationally-known Tertiary Oil Recovery Project, the newly approved NSF Engineering Research Center for Environmentally Beneficial Catalysis and a growing emphasis in biomedical engineering. New faculty hires are planned for the new research emphases. There are approximately 200 undergraduate students and 50 graduate students. Additional information can be found on the departmental web site: <http://www.cpe.engr.ku.edu/>.

The University of Kansas (<http://www.ku.edu/>) has 29,000 students located at four campuses; the Main Campus in Lawrence Kansas, the Medical Center in Kansas City, Kansas, the Edwards Campus in Overland Park, Kansas and the Wichita Campus in Wichita, Kansas. The CPE Department is located in Lawrence which is a community consistently rated as one of the most desirable places in the US to live. See www.visitlawrence.com for more information.

The salary and starting date will be negotiated. Applications and nominations should be sent to Dr. Don Green, Co-Chair, CPE Chair Search Committee, The University of Kansas, 1530 W. 15th St, Room 4132, Lawrence, Kansas 66045. A complete application should include a letter of application, curriculum vita, and the names and addresses of three references. Applications will be reviewed beginning December 1, 2003 and will be accepted until the position is filled.

The University of Kansas is an EO/AA employer.

CAREER ELEMENTS

Process Control Engineer

Praxair, Inc., a global, Fortune 500 firm, is the largest industrial gases company in North & South America, and one of the largest worldwide, with operations in 44 countries and approximately \$5 billion in sales. The company, through the commercialization of new technologies, produces, sells, and distributes atmospheric, process, & specialty gases, and high-performance surface coatings to a diverse group of industries.

We currently have a position available in the Advanced Control and Simulation Group within Process and Systems Research and Development, located in **Buffalo, NY**. The Process and Systems R&D Group is chartered to develop new supply system technology that enhances Praxair's core industrial gases business. More specifically, the Advanced Control and Simulation Group is involved in the development of new advanced process control and process simulation technology. We currently have development activities in a number of areas, including Model Predictive Control, Real Time Optimization, process modeling, and both steady state and dynamic simulation. These technologies are viewed as key elements of Praxair's strategy to maintain a leadership position in the industry.

The appropriate candidate will have a graduate degree in Chemical Engineering with an emphasis in process control. Preference will be given to candidates with experience in dynamic simulation, control system analysis, statistical process control techniques including Principal Components Analysis, and Six Sigma methodologies. Both experienced candidates and new graduates will be considered. The ideal candidate will not only exhibit technical excellence, but will be willing and able to champion new ideas and technology within Praxair. To do this effectively, the candidate should demonstrate a high level of enthusiasm, strong verbal and written communication skills, a team-oriented focus, and an ability to find technical solutions that best meet the needs of the customer.

Please e-mail your resume to: **Larry Megan, Manager - Advanced Control and Simulation Development**, at: larry_megan@praxair.com, or mail to **Larry Megan, Praxair, Inc., 175 East Park Drive, Tonawanda, NY 14150**.

To learn more about our company, please visit our Web site at: www.praxair.com

An equal opportunity employer, m/f/d/v.



THE UNIVERSITY OF IOWA, CHEMICAL AND BIOCHEMICAL ENGINEERING

The University of Iowa invites applicants for a tenure-track faculty position. Preferred research areas include air quality modeling; aerosol science and nanotechnology; environmental chemistry, climate and health interactions; and green engineering; or other research areas that complement existing strengths. Applicants must have a PhD in Chemical Engineering or related field. Excellence in research and teaching is essential. Send resume with research and teaching plans and list of references to: Gregory R. Carmichael, Department of Chemical and Biochemical Engineering, The University of Iowa, Iowa City, IA 52242

email: gcarmich@engineering.uiowa.edu

Women and minority candidates are encouraged to apply. AA/EOE employer. <http://www.engineering.uiowa.edu/~chemeng>

UNIVERSITY OF CALIFORNIA, BERKELEY DEPARTMENT OF CHEMICAL ENGINEERING ASSISTANT PROFESSOR

University of California, Berkeley, seeks applicants at the Assistant Professor (tenure track) level for a faculty position effective July 1, 2004 in the Department of Chemical Engineering. Of particular interest are persons whose research involves micro/nano electronics or computational biology. However, creative and energetic individuals who show extraordinary promise or accomplishment in any area will be considered.

We require a PhD in Chemical Engineering or a closely related discipline.

To apply, please send a curriculum vitae, detailed statements of research and teaching interests, and names and addresses of three references to Chair, Search Committee, Department of Chemical Engineering, University of California, Berkeley, CA 94720-1462. Applications submitted after December 15 will not be considered, and earlier application is encouraged. The University of California is an Equal Opportunity, Affirmative Action Employer.

UNIVERSITY OF CONNECTICUT, CHEMICAL ENGINEERING DEPARTMENT ASSISTANT/ASSOCIATE PROFESSOR

The Chemical Engineering Department at the University of Connecticut invites applications for a tenure-track faculty position at the assistant or associate professor level. The successful candidate will have a Ph.D. in chemical engineering or closely related field, a strong commitment to excellence in research and teaching, and the ability to establish an internationally recognized program in fuel cell research. Areas of research interest include but are not limited to: fuel cell electrolytes; electrochemistry; electrocatalysis; electrode structures; fuel processing; hydrogen storage; cell systems integration, operation and optimization; and bioelectrochemistry. The Chemical Engineering Department (www.engr.uconn.edu/cheg) currently has 13 faculty, over 70 graduate students, and more than \$3 million/year in sponsored research. The successful candidate will work cooperatively with the Connecticut Global Fuel Cell Center (www.ctfuelcell.uconn.edu), an interdisciplinary center of excellence in fuel cell research. UConn is located in scenic northeast Connecticut, an area rich in commercial fuel cell activity. We are ranked as the #1 public research university in New England and are in the midst of a \$2.3 billion university-wide expansion of the research and teaching infrastructure. Applicants should send a vitae, statement of research and teaching, and names of at least three references to Prof. Doug Cooper, Search Committee Chair, Chemical Engineering Department U-3222, University of Connecticut, 191 Auditorium Road, Storrs, CT 06269-3222. The University of Connecticut is an affirmative action and equal opportunity employer.

TENURE-TRACK FACULTY POSITION IN BIOMEDICAL/CHEMICAL ENGINEERING

Stevens Institute of Technology has an opening for a full-time

tenure-track faculty position in the Department of Chemical, Biomedical and Materials Engineering (<http://www.soe.stevens-tech.edu/cbme/>). The Department has 14 faculty members, 10 research staff members, about 150 undergraduate students and 60 graduate students, and annual research expenditures over \$2.5M. The new appointment is expected to be made at the rank of Associate or Full Professor. The successful applicant will be expected to develop a strong extramurally funded research program and participate in undergraduate and graduate teaching. Applicants should have a Ph.D. in Biomedical Engineering, Chemical Engineering, or a related field. Preference will be given to candidates with research interests associated with biochips or biosensors.

Consideration of applications will consider until the position is filled with an anticipated start date circa August 2004. Applicants should submit a curriculum vitae, a detailed description of research plans and goals, and be prepared to have at least three letters of recommendation sent to:

Chair, CBME Faculty Search Committee
Department of Chemical, Biomedical, and Materials Engineering
Stevens Institute of Technology, 1 Castle Point Terrace
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