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## POSITIONS AVAILABLE

### RESEARCH CHEMIST

Conduct basic & applied research related to chemical/physical analysis of existing products. Detailed development Laboratory or Pilot Plant skills. History of successful dev. projects from conception thru adoption for manufacture. Familiar with wet analytical & instrumental analytical techniques. BS chemistry or chemical engineering. Min. 5-7 yrs. exp. in product development req. direct chemistry/chemical engineering discipline in consumer product manuf. company. Detailed knowledge of computer spreadsheet/database software pkgs. Excellent benefit package. **Respond to:** HR.RCHEM@duraflame.com, Fax 209-466-2604, Duraflame/HRRCHEM, PO Box 1230, Stockton, CA 95201.

### SENIOR PROCESS ENGINEERING ADVISOR

Manage, lead, advise and be responsible for day-to-day operation of the process design teams in Houston, Texas office. Bachelor's degree in chemical engineering. 6 years experience in job offered or as Process Engineer. 6 years experience must include experience in large floating oil production facilities (300+ kbod), gas production facilities (700+ Mmscfd), marginal field development, deep sea satellite development and high pressure low temperature gas processing systems. **Submit resume to: Universal**

Personnel, 1100 Poydras Street, Suite 1300, New Orleans, LA 70163, ATTN: Luis Aguilar, Recruiting Manager, [ljaguilar@tonsojobs.com](mailto:ljaguilar@tonsojobs.com).

## ACADEMIC OPENINGS

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

seeks applications and nominations for tenure-track and tenured chemical engineering faculty positions at all levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. There are no restrictions on research area for candidates; however, applicants with interests in nanotechnology, molecular engineering, or biological engineering are particularly encouraged. A PhD or equivalent in chemical engineering or related field is required. Important information regarding the application process may be found at <http://cbesearch.engr.colostate.edu>. Electronic submission of application materials at this web site is strongly preferred. If necessary, hardcopy applications may be sent to: Search Committee Chair, Department of Chemical and Biological Engineering, Colorado State University, Fort Collins, CO 80523-1370. Review of applications will begin October 1 and continue until the position is filled. Colorado State University is an Affirmative Action/Equal Opportunity Employer and encourages qualified women and minorities to apply.



### US Environmental Protection Agency (EPA) Office of Research and Development (ORD)

EPA's Office of Research and Development (ORD) is seeking three candidates for senior-level National Program Director (NPD) positions. Highly qualified scientific leaders currently engaged in managing or conducting cutting-edge research in the physical, biological, medical or engineering sciences are sought to lead a cross-cutting ORD research program on Drinking Water, Human Health, or Ecological Protection. Each of eight (8) ORD NPDs is responsible for providing high-level scientific leadership and overall coordination of a research program as delineated in ORD Multi-Year Plans (MYP, details online at [www.epa.gov/osp/myp.htm](http://www.epa.gov/osp/myp.htm)). Other responsibilities include close coordination of research with ORD's National Laboratories and Centers, representing ORD's research efforts inside and outside of EPA and recommending changes in program priorities, resource levels and allocations. Each NPD will be responsible for conducting "state of the art" science in support of the research program. The NPDs will also have the opportunity to advance EPA science by personally directing or collaborating on research in support of the program. Each NPD will typically have received honors and awards from major national organizations for his/her accomplishments and will serve as a recruiting attraction for those seeking to work under his/her inspiration and guidance. Applicants must have a PhD or equivalent experience and have a demonstrable record of having conducted and managed research in areas directly applicable to one or more of the three research areas listed below.

These are four year term Scientific/Technical (ST) Professional positions with potential for renewal. The NPD for Drinking Water research will be based in Washington, D.C., and the NPDs for Human Health and Ecological Protection research will be based in Research Triangle Park, North Carolina. The minimum rate of basic pay for an ST position equals 120 percent of a GS-15 step 1 rate of basic pay (e.g., \$120,155 per annum minimum).

Applicants should specify the position(s) being applied for, and submit a CV and a vision statement (per position applying to) to Jayne Ramsey at US EPA/ORD (8101R), 1200 Pennsylvania Avenue, N.W., Washington, D.C. 20460.

For more information, please go to [http://www.epa.gov/ORD/htm/jobs\\_ord.htm](http://www.epa.gov/ORD/htm/jobs_ord.htm), or you may contact Jayne Ramsey at (202) 564-6736 or [ramsey.jayne@epa.gov](mailto:ramsey.jayne@epa.gov).

U.S. Citizenship Required  
Applications must be postmarked by November 18, 2005  
EPA is an Equal Opportunity Employer

#### **TWO FACULTY POSITIONS IN CHEMICAL ENGINEERING, YALE UNIVERSITY**

The Department of Chemical Engineering at Yale University invites applications for two faculty positions at the Assistant Professor level. Preferred areas of expertise include, but are not limited to, soft nanomaterials such as polymers and colloids, biomolecular engineering, biocolloids and biointerfaces, and atomic scale modeling of surface phenomena. The successful candidates will be expected to develop creative and dynamic externally-funded research programs, teach undergraduate and graduate courses in chemical engineering, and advise graduate students. **Nominations and applications with a detailed resume, a description of research and teaching interests, and names and addresses of four references should be sent to: Chair, Chemical Engineering Search Committee, Department of Chemical Engineering, Yale University, P.O. Box 208286, New Haven, CT 06520-8286. Review of applications will begin October 15 and continue until the position is filled.** Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of under-represented minority groups. See [www.eng.yale.edu/chemical](http://www.eng.yale.edu/chemical) for further information on our department.

#### **THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT TULANE UNIVERSITY**

invites applications for a tenure-track/tenured faculty position. Tulane's chemical engineering department is the third oldest in the country, with a vibrant research program in the signature areas of nanotechnology, biotechnology and advanced materials. There are tremendous collaborative opportunities for interdisciplinary research. Candidates should have a doctorate in chemical engineering or related field with a demonstrated excellence in research and a strong commitment to teaching. **Applicants should submit a curriculum vitae, research and teaching plans, and a list of references to: Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Tulane University, New Orleans, LA 70118. Applications should be received by December 15th, 2005 for full consideration;** applications accepted thereafter until the position is filled. We especially encourage applications from women, minorities, and persons with disabilities. Tulane is an Affirmative Action, Equal Opportunity Employer.

#### **DIRECTOR, SCHOOL OF CHEMICAL ENGINEERING AND BIOENGINEERING**

Washington State University (WSU) is seeking a highly motivated, visionary leader to direct a newly established School of Chemical Engineering and Bioengineering. The director will lead the school in the integration of established activities with emerging opportunities in both chemical engineering and bioengineering. As a result the school expects to increase student enrollments, expand research productivity, and enhance interactions with government and industry. As a natural outgrowth of the University's strategic emphasis on biotechnology, the School of Chemical Engineering and Bioengineering will provide leadership in building interdisciplinary biotechnology research and education programs. Candidates must have an earned doctorate in a relevant engineering discipline and have achieved the rank of Professor or held the rank of Associate Professor for at least four years. Further, the successful candidate should have demonstrated leadership in interdisciplinary activities in an academic setting and should possess outstanding oral and written communication skills, a strong record of peer-refereed publications from funded research, and a strong commitment to quality undergraduate and graduate education. Additional information about the School of Chemical Engineering and Bioengineering may be obtained at the following website: <http://www.chebe.wsu.edu>. With a student enrollment of approximately 22,500, WSU is a comprehensive research, land-grant university, ranked in the top 50 public research universities in the nation by *U.S. News & World Report*. The School is located at the WSU campus in Pullman, Washington, which offers a friendly small-town living environment about 75 miles south of Spokane. **Interested candidates should send a curriculum vita, a letter of introduction summarizing the candidate's capabilities and vision, and the names, addresses, telephone numbers, and e-mail addresses of three references who can speak to the candidate's abilities. Inquiries may be directed to [research@wsu.edu](mailto:research@wsu.edu). Application materials should be sent to: James N. Petersen, Vice Provost for Research, Chair of Chemical Engineering and Bioengineering Director Search Committee, Office of the Vice Provost for Research, P.O. Box 641033, Pullman, WA 99164-1033 (applications may be submitted electronically as PDF files to [research@wsu.edu](mailto:research@wsu.edu)). Screening of applicants will begin October 15, 2005.** Washington State University is an EO/AA educator and employer. Members of ethnic minorities, women, Vietnam-era or disabled veterans, persons of disability and/or persons age 40 and over 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 PhD degree in chemical engineering or a related discipline. 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: [dcprieve@cmu.edu](mailto:dcprieve@cmu.edu). We would appreciate receiving your application electronically (as a PDF file) and by November 1, 2005.

Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer.

**For more information, see <http://www.cheme.cmu.edu>**

**THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT DREXEL UNIVERSITY** invites applications for two tenure-track faculty positions at the assistant professor level beginning fall 2006. Targeted research areas include experimental and theoretical aspects of biological engineering and/or polymer science and engineering, but strong applications from other research areas will be considered. **Application materials including resume and statements of research and teaching should be sent to the Chair of the Search Committee, Masoud Soroush, at ms1@drexel.edu.**

**FACULTY POSITION, SCHOOL OF CHEMICAL ENGINEERING, OKLAHOMA STATE UNIVERSITY**

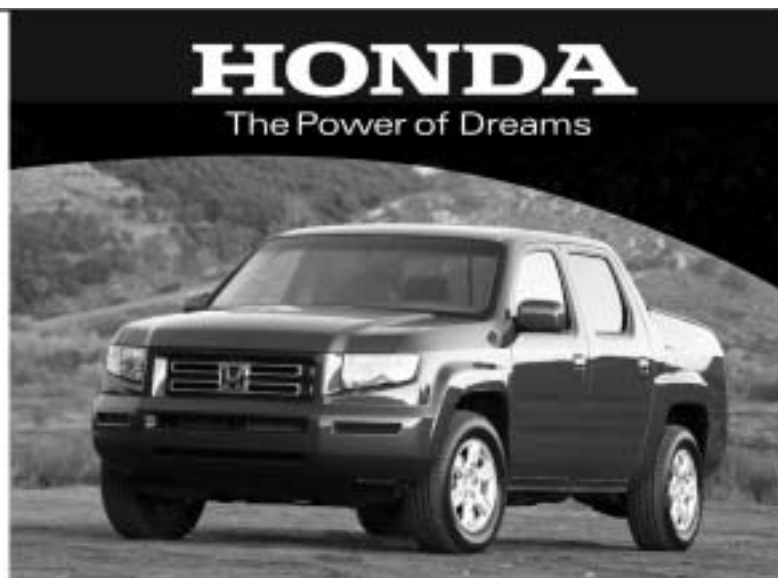
The School of Chemical Engineering seeks nominations and applications for a tenure-track position at the Assistant Professor, Associate Professor, or Professor level beginning Fall 2006. Candidates are sought who have an earned doctorate in chemical engineering or closely related area, and who have a strong interest in educational programs at both the undergraduate and graduate levels. The new faculty will fill a vacancy in biochemical engineering within a well established multidisciplinary bioengineering program, which is undergoing additional growth and expansion. Collectively, the bioengineering research faculty enjoy the benefits of a strong commitment by the university, major biotechnology research funding, modern biotechnology laboratory facilities, and two centers for Advanced Technology Research, one in Stillwater and one in Tulsa. The School of Chemical Engineering has ten faculty members, 275 undergraduate and 50 graduate students. The faculty give a high priority to teaching excellence. Our students are among the brightest in the University and graduate to become highly respected professionals. Faculty members actively participate in engineering research, extension, and continuing education programs. The School enjoys strong support from alumni, friends and industry that has resulted in four endowed chairs and professorships, a faculty development endowment, and numerous research and educational partnerships. For more information about the school and its successes, please visit our website: <http://www.cheng.okstate.edu/>. **Applications should contain a curriculum vita, a statement of teaching and research interests and goals, and three recommendation letters sent directly by the references.** Screening of applicants will begin November 1, 2005 and will continue until the position is filled. Send applications or nominations to: Professor Khaled A. M. Gasem, Chair, Faculty Search Committee, School of Chemical Engineering, 423 Engineering North, Oklahoma State University, Stillwater, OK 74078-0321, Phone: (405) 744-5280, FAX: (405) 744-6338, E-Mail: [gasem@okstate.edu](mailto:gasem@okstate.edu). OSU is an Affirmative Action Equal Opportunity Employer.

**THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING, UNIVERSITY OF WISCONSIN-MADISON** seeks outstanding individuals with a PhD 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 applica-

tions in October, 2005. Applications received prior to December 31, 2005 will receive full consideration. The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer.

**FACULTY POSITIONS IN CHEMICAL ENGINEERING LOUISIANA TECH UNIVERSITY**

The Louisiana Tech University College of Engineering and Science invites applications for tenure-track positions in the Chemical Engineering Program. The successful candidates will have the ability to initiate, build, and sustain an externally funded research program that effectively leverages the existing research strengths of one of the College's multidisciplinary centers of excellence in micromanufacturing, biotechnology and nanotechnology (with particular interest in micro and nanofluidics, related micro/nanosystems, and colloidal chemistry at the Institute for Micromanufacturing), trenchless technology, or biomedical applications. Strong teaching skills and the ability to supervise masters and doctoral students are required. Academic requirements include a PhD in chemical engineering or a



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closely related field. Excellent oral and written communication skills and a commitment to high quality professional service and active participation in college responsibilities are expected. Professional engineering registration, relevant industrial experience, and/or entrepreneurial experience are all advantages. Applicants having teaching/research interests in any traditional or emerging area of chemical engineering are sought, with one area of interest being in undergraduate process controls. The Chemical Engineering program at Louisiana Tech is ABET-accredited. For more information about the College of Engineering and Science, please see our web page at <http://www.coes.latech.edu/>. **Send a letter of application, a curriculum vita, a teaching philosophy statement, a research program summary, and contact information for three current references to: Dr. Jenna Carpenter, Chair of Search Committee for Chemical Engineering, Box 10348, Ruston, LA 71272-0046 or e-mail electronic versions of the requested information to [jenna@latech.edu](mailto:jenna@latech.edu). Review of applications will begin on September 1, 2005, and will continue until the positions are filled. The starting date for each position is September 1, 2006 (possibly sooner). Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.**

#### UNIVERSITY OF ILLINOIS OF URBANA-CHAMPAIGN CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT FACULTY OPENINGS IN THE AREA OF BIOINFORMATICS

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications from outstanding candidates for full-time tenure-track faculty positions in the area of bioinformatics, defined in its broadest sense to encompass all aspects of collecting, analyzing, and using biological data at the interfaces among biological, chemical, computer, engineering, and medical sciences. Preference will be given to candidates with specific interests in the area of systems biology, including analytical, computational, and/or experimental methods. Candidates are expected to develop a strong imaginative research program, engage in outstanding scholarly activities leading to national and international recognition, and bring innovation to instruction. The department has recently led the development of the campus-wide Bioinformatics graduate degree program at the University of Illinois, while the campus has made a strong commitment in the Bioinformatics area through its Institute for Genomic Biology, offering an exceptionally collaborative environment. Successful candidates are

expected to develop interdisciplinary research programs and leverage bioinformatics resources and activities across campus. Applicants must have a PhD degree. Salary and appointment level are commensurate with qualifications and experience. Senior appointments will be considered for persons of recognized national and international stature. **To ensure full consideration, applications must be received by January 1, 2006. A preferred starting date is August 16, 2006. Applications with curriculum vitae, research and instruction statement, and names of three references should be sent to Professor Edmund Seebauer, 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. Please note: applicants are strongly encouraged to use the web-based application process. ([www.scs.uiuc.edu/chem\\_eng/](http://www.scs.uiuc.edu/chem_eng/)). The University of Illinois is an Affirmative Action/Equal Opportunity Employer.**

#### UNIVERSITY OF ILLINOIS OF 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 for a full-time, tenure-track faculty position in biomaterials and tissue engineering. The candidate should have extensive experience in the design and evaluation of biomaterials for tissue scaffolds, and demonstrate knowledge of cell biology relevant to tissue engineering. A PhD and strong publication record are required. The preferred starting date for this position is August 16, 2006. In order to ensure full consideration, applications must be received by December 1, 2005. Salary and appointment level are open and will depend upon qualifications. The candidate is expected to develop a strong research program, leading to national and international recognition, and to bring innovation to instruction. **Applications including a curriculum vitae, statement of research and instruction plans, and names of three references should be sent to Professor Edmund Seebauer, 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. Applicants are strongly encouraged to use the web-based application process. ([www.scs.uiuc.edu/chem\\_eng/](http://www.scs.uiuc.edu/chem_eng/)). The University of Illinois is an Affirmative Action/Equal Opportunity Employer.**



## Chemical and Biological Engineering Tufts University

### Faculty Position Opening

Tufts University invites applications for a tenure-track faculty position in the Department of Chemical and Biological Engineering. The opening is at the rank of Assistant or Associate Professor. However, exceptional senior candidates will be considered for appointment at the rank of Full Professor. The department seeks candidates with a Ph.D. degree in Chemical Engineering or closely related field, and excellent qualifications in teaching and scholarship. The primary area of interest is biological or biochemical engineering. Candidates in the areas of Nanotechnology, Complex Engineering Systems, and Energy with a strong Chemical Engineering background and broad research interests are also invited to apply.

At Tufts there are ample opportunities for cross-disciplinary collaborations with the other engineering and science departments, and the Medical, Dental, Nutrition and Veterinary Schools. The vibrant high tech community and especially the biotechnology and pharmaceutical industries in the Boston metropolitan area, where Tufts is located, avail a multitude of interactions.

Review of applications will begin on November 10, 2005 and continue until the position is filled. Send a cover letter, curriculum vitae, list of publications, list of four references and a concise plan for your teaching and research plans to: *Prof. Christos Georgakis, Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155*. Please transmit all application materials electronically in PDF format to [ChBE@tufts.edu](mailto:ChBE@tufts.edu). All applications will be treated with the appropriate confidentiality. 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.

For information about the unique cultural and recreational activities in the Boston metropolitan area, visit <http://boston.com>. For additional information about the department, please visit <http://ase.tufts.edu/chemical>.

#### 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 16, 2006. In order to ensure full consideration, applications must be received by December 1, 2005. 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 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 Edmund Seebauer, 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. Please note: applicants are strongly encouraged to use the web-based application process. ([www.scs.uiuc.edu/chem\\_eng/](http://www.scs.uiuc.edu/chem_eng/)). The University of Illinois is an Affirmative Action/Equal Opportunity Employer.**

#### UNIVERSITY OF NEVADA, RENO, CHEMICAL ENGINEERING TENURE-TRACK POSITION

The University of Nevada, Reno, invites applications for a tenure-track position in chemical engineering at the rank of Assistant or Associate Professor, starting August 1, 2006. A BS and a PhD are required, at least one of which must be in chemical engineering. Demonstrated potential for high-quality research and teaching in chemical engineering are required for appointment to the rank of Assistant Professor, and demonstrated excellence in both is required for appointment to the rank of Associate Professor. The areas of interest are biological engineering, renewable energy, environmental engineering, and nanotechnology, but applicants with expertise in other areas complementing the faculty's research will be considered. Industrial experience is preferred, but not required. Excellent communication skills are required. **Applicants should submit a letter of application, curriculum vita, statements of teaching and research plans, and the names of at least four references after October 3 via our online application system at <http://jobs.unr.edu/professional/>. Review of applications will begin January 10, 2006. EEO/AA. Women and under-represented groups are encouraged to apply.**

#### WASHINGTON STATE UNIVERSITY - ASSISTANT PROFESSOR/SCIENTIST (FOOD ENGINEERING) IN PULLMAN, WA

The Department of Biological Systems Engineering invites applications for a permanent, 9-month, tenure-track Assistant Professor/Assistant Scientist in Food Engineering. The position is 80% research and 20% teaching. Required: Earned PhD at the time of hire in food, agricultural, biological, chemical, biochemical or closely related engineering field with an emphasis on food engineering. Highly desired: strong record of scholarly accomplishments in food processing engineering; strong theoretical science/engineering background in food engineering; records of grant submissions and awards from competitive extramural sources; evidence of strong written and oral communication skills; interest and demonstrated skills in teaching. Desired: demonstrated ability to work and interact effectively with governmental and non-governmental agencies, peers and industry; experience with alternative/conventional technologies to process foods; experience with food plant design; experience in food package engineering research; computer skills including high level programming languages. **Application: send letters of application addressing specific qualifications and outlining research and teaching interests, curriculum vitae, and electronic mail addresses, and telephone numbers of three professional references to: Dr. Gustavo V. Barbosa-Cánovas, Search Committee Chair; Center for Nonthermal Processing of Food; Department of Biological Systems Engineering; P.O. Box 646120; Washington State University; Pullman, WA 99164-6120; telephone (509) 335-6188; fax (509) 335-2722; electronic mail [barbosa@wsu.edu](mailto:barbosa@wsu.edu). Screening: January 15, 2006. EEO/AA/ADA.**

**THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING AT THE UNIVERSITY OF ARIZONA, TUCSON AZ** seeks qualified applicants for the combined position of Department Head and Director for the College of Engineering initiative for environmental sustainability. The Department houses two integrated academic programs leading to



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

Seeking dynamic applicants for the following positions:

##### The Ross E. Martin Chair in Biomedical Engineering

The successful candidate for this tenure track position is expected to develop and lead an internationally recognized and funded research program in biomedical engineering. Preference will be given to candidates having experience in biomaterials research, particularly tissue engineering. Competitive candidates will have demonstrated an excellent record of scholarly activity consistent with appointment at the rank of Professor.

##### The Jim L. Turpin Professorship in Chemical and Biochemical Separations

The successful candidate for this tenure track Assistant Professor position is expected to work with senior faculty to develop a nationally recognized, state-of-the-art and funded research program in chemical and biochemical separations, teach core undergraduate and graduate chemical engineering courses and be committed to service at all levels.

**The University of Arkansas is the state's land-grant institution and is located in one of the fastest growing and most dynamic regions of the country.**

Applications will be accepted until the positions are filled.

For further information about our department, visit our web site at:

<http://www.cheg.ark.edu>

and the University of Arkansas job listings at:

<http://hr.ark.edu/employment/NonClassifiedTypes.asp>

The University of Arkansas is an Affirmative Action/EOE employer, committed to achieving a culturally diverse faculty. We strongly encourage applications from all qualified candidates.



BS, MS, PhD degrees in chemical engineering and MS and PhD degrees in environmental engineering. Additional details can be found on the Department web page: <http://www.chce.arizona.edu>. The hiring package will be commensurate with leadership, achievement, and a vision for a college-wide and university-wide program in environmental water sustainability. **Candidates should indicate interest with attached vitae to Chair, ChEE Department Head Search Committee, c/o Jo Leeming, Department of Chemical and Environmental Engineering, University of Arizona, Tucson, AZ 85721, e-mail: [leeming@engr.arizona.edu](mailto:leeming@engr.arizona.edu).** The University of Arizona is an EEO/AA - M/W/D/V employer.

**ASSISTANT/ASSOCIATE PROFESSOR IN BIOPROCESS ENGINEERING, UNIV. HAWAII**, tenure track. Areas of interests: bioconversion via biocatalysis & novel chemistry, bioremediation, protein engineering, and bioprocess modeling. PhD in biological, chemical or related engineering disciplines. To apply: Send cover letter, cv, statement of research & teaching interests, reprints, and 3 reference letters to: Search Committee Chair, Department of Molecular Biosciences & Bioengineering, University of Hawaii at Manoa, 1955 East West Rd, Honolulu, HI 96822. Further information on the position and the department can be viewed at <http://www.ctahr.hawaii.edu/mbbe/> Inquiries: 808-956-8384.

**UNIVERSITY OF VIRGINIA, SCHOOL OF ENGINEERING AND APPLIED SCIENCE, DEPARTMENT OF CHEMICAL ENGINEERING**

The Department of Chemical Engineering at the University of Virginia seeks outstanding candidates for the position of Assistant, Associate or Full Professor with the rank being commensurate with experience level. Applicants should have a PhD in chemical engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. **Interested parties should submit a curriculum vitae, a statement of teaching and research goals, and the names of three references to Chair, Faculty Search Committee, Dept. of Chemical Engineering, University of Virginia, P.O. Box 400741, Charlottesville, VA 22904-4741 (e-mail: [chesea@virginia.edu](mailto:chesea@virginia.edu)).** The search will remain open until the position is filled. Female and minority applicants are especially encouraged to apply. The University of Virginia is an Equal Opportunity/Affirmative Action employer.

**ASSISTANT/ASSOCIATE/FULL PROFESSOR (TENURE-TRACK), GORDON A. AND MARY CAIN DEPARTMENT OF CHEMICAL ENGINEERING**

The Gordon A. and Mary Cain Department of Chemical Engineering at Louisiana State University has one opening for a tenure-track faculty position. The position is open to all research areas. An entry level person is preferred; however, the search will not exclude consideration of more experienced personnel. Required Qualifications: PhD in chemical engineering or equivalent degree; committed to excellence in undergraduate and graduate teaching and research. An offer of employment is contingent on a satisfactory pre-employment background check. **Applications received before November 1, 2005 will receive priority. Applications will be accepted until candidate is selected. Send resumes (including e-mail address) with three references and descriptions of teaching and research interest to: Head, Assistant Professor Search Committee, Department of Chemical Engineering, Louisiana State University, Ref: #024544, Baton Rouge, LA 70803-7303. LSU is an Equal Opportunity/Equal Access Employer.**

**POLYMER SCIENCE AND ENGINEERING, UNIVERSITY OF MASSACHUSETTS AMHERST**

The University of Massachusetts Amherst invites applications for a faculty position in the Department of Polymer Science and Engineering. We anticipate that the appointment will be at the Assistant Professor level and will begin as early as September 2006. Candidates of exceptional accomplishment will be considered for appointment as Associate or Full Professor. Applicants with interest in any area of polymer science or closely related fields would be considered. Special emphasis will be given to applicants with interests in nanomaterials or biomaterials. **Candidates should send a curriculum vitae, a proposed research program, and arrange to have three letters of recommendation sent to: Chairman, Faculty Search Committee, Department of Polymer Science and Engineering, Conte Research Center, University of Massachusetts, Amherst, MA 01003. The deadline for receipt of applications is February 15, 2006, but the search will continue until suitable candidates are found.** Rank and salary are commensurate with qualifications. Information about the University of Massachusetts can be obtained at [www.umass.edu](http://www.umass.edu) and about the Department at [www.pse.umass.edu](http://www.pse.umass.edu). The University of Massachusetts is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

**FACULTY POSITIONS IN CHEMICAL ENGINEERING AT ARIZONA STATE UNIVERSITY**

The Chemical Engineering program in the Department of Chemical and Materials Engineering at Arizona State University announces openings for three tenure-track faculty positions at any rank. ASU is a Research I University with outstanding research facilities and infrastructure support and is located within the rapidly growing metropolitan Phoenix area with 3.5 million people. The university is in the process of transforming into one of the nation's leading public metropolitan research universities, marked by recent establishment of several centers of excellence, including the Arizona Biodesign Institute (<http://www.azbio.org>), Flexible Display Center (<http://flexdisplay.asu.edu/>) and International Institute for Sustainability (<http://sustainability.asu.edu/>).

Successful candidates will be expected to develop and maintain internationally recognized, externally-funded research programs, teach at the undergraduate and graduate levels, and participate in service activities in the departmental, college and university.

A PhD in Chemical Engineering or related field and a record of publications in scholarly journals appropriate to the desired appointment level is required. Applicants for assistant professor positions must show exceptional promise in research and teaching, whereas applicants for associate/full professor rank must have demonstrated excellence in research and teaching appropriate to rank. Candidates in all areas of research specialization relevant to chemical engineering will be considered, with preference given to those who are in the areas of energy, biomolecular engineering and advanced polymeric materials. Also desired, evidence for successful interaction with ASU's existing centers of research excellence and for associate/full professor rank, national recognition for research.

Interested candidates must submit a letter indicating research specialization and desired rank, a research plan, a teaching philosophy and plan, a current curriculum vitae including names, telephone, mail and email addresses of four references to Prof. Subhash Mahajan, Chair, Department of Chemical and Materials Engineering, Arizona State University, Campus Box 6006, Tempe, AZ 85287-6006. Applications will be reviewed beginning October 24<sup>th</sup>, if not filled, the 15<sup>th</sup> and 30<sup>th</sup> of each month until searches are closed. A background check is required for employment. For further information, contact Prof. Subhash Mahajan at (480) 965-9710 or email: [smahajan@asu.edu](mailto:smahajan@asu.edu).

**ARIZONA STATE UNIVERSITY**  
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### TEXAS A&M ENGINEERING, FACULTY POSITIONS

Artie McFerrin Department of Chemical Engineering, Dwight Look College of Engineering, Texas A&M University - Applications are invited for several tenure-track positions at all levels from candidates with a PhD in chemical engineering or related discipline. Senior candidates must have a strong record of externally funded research and scholarly journal publications, while junior candidates should demonstrate the potential to develop such a record. Research areas of specific interest are bioengineering, nanotechnology, molecular imaging, process systems engineering, safety engineering, and computational chemical engineering. Outstanding candidates in other areas of chemical engineering will also be considered. Successful applicants will be expected to contribute to (1) a strong commitment to teaching excellence at all levels, (2) development of a high-quality, independent research program supported by external funding and evidenced by publications in leading scholarly journals, and (3) service to the profession both within the university and through national and international professional organizations. For more information, visit <http://cheweb.tamu.edu>. **Send applications to: Professor Kenneth R. Hall, Jack E. & Frances Brown Chair and Department Head, Artie McFerrin Department of Chemical Engineering, Texas A&M University, TAMU 3122, College Station, TX 77843-3122. Junior candidates should include a resume, detailed statement of teaching and research plans, and list of at least three references including their contact information.** Texas A&M University attempts to be responsive to the needs of dual career couples. EEO/AA. Employer Paid Ad.

### CLEMSON UNIVERSITY, CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for appointment at the level of Assistant or Associate Professor, commensurate with the candidate's experience and level of achievement. The research area is open, but candidates in bio-related fields, alternative energy, and advanced materials are especially encouraged to apply. Candidates should have a PhD in chemical engineering or a related field. **Applicants should submit hard copies of a resume, a statement of research and teaching interests, and names and addresses of three references to Chair of the Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Clemson University, Clemson, SC 29634-0909. Review of applications will begin on October 15, 2005. Applications received by December 15, 2005 will receive full consideration, with the review process continuing until the positions are filled.** Information about the department is available at <http://www.ces.clemson.edu/chemeng/>. Clemson is the land-grant university for the state of South Carolina and is an Equal Opportunity/Affirmative Action employer.

### STANFORD UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering at Stanford University is seeking applicants for tenure-track faculty positions at the junior level (Assistant or untenured Associate Professor). Applicants are expected to have earned a PhD degree in chemical engineering or related disciplines. We will consider applicants knowledgeable in the general area of chemical engineering science. While all areas encompassed by chemical engineering are acceptable, there are several broad areas of particular interest, including surface reactivity and catalysis, fuel cells, environmental or atmospheric studies, molecular transport processes and mechanics, soft materials physics and chemistry, computation and simulation, biochemical and biomolecular engineering, nanomaterials processing, and the energy sciences. In general, we give higher priority to the overall originality and promise of the candidate's work than to the sub-area of specialization. The successful candidate will be expected to teach at the graduate and undergraduate level, to develop advanced graduate courses in a research specialty, as well as to develop a world-class research program with an emphasis on the fundamental physical, chemical, and engineering aspects of chemical engineering science. Applicants should be seeking a stimulating interdisciplinary environment in which to pursue teaching and research. We anticipate that the faculty members will contribute to and develop leadership roles and interactions among faculty not only in Chemical Engineering, but also Electrical, Mechanical, Civil and Environmental, and Material Science and Engineering in the School of Engineering; in Physics, Chemistry, and Biology in the School of Humanities and Sciences; in the departments and programs in the School of Medicine, as well as Bioengineering located in the Schools of Engineering and Medicine, and at the Stanford Synchrotron

### Chemical Engineering Department University of Florida

The Chemical Engineering Department at the University of Florida invites applications or nominations for a tenure-track faculty position starting in Fall 2006. Faculty rank and research area are open. Applicants should have a PhD in chemical engineering or related area. Responsibilities include developing and conducting sponsored research, teaching at the graduate and undergraduate levels, supervising the educational and research programs of graduate students, and participating in departmental, college, and university affairs. Please send a curriculum vitae (referencing position number 00007761), detailed research and teaching interests, a list of at least three references, and no more than two key reprints (or preprints) to **Chair, Faculty Search Committee, Department of Chemical Engineering, University of Florida, PO Box 116005, Gainesville, FL 32611-6005.** Electronic applications should be sent to Ms. Debbie Sandoval [dsand@che.ufl.edu](mailto:dsand@che.ufl.edu). The deadline for applications is November 25, 2005. The University of Florida is an equal opportunity institution, and women and minorities are strongly encouraged to apply.



### Full Professor

Applications are being accepted for a tenured position as Full Professor in the Department of Chemical Engineering at Penn State (<http://fenske.che.psu.edu>). The Chemical Engineering Department is currently looking to fill several endowed faculty positions, including the Friedrich G. Helfferich Professorship, the William H. Joyce Chair, and the Endowed Bio-Chair. The Helfferich Professorship is specifically targeted to individuals doing research in kinetics and/or reaction engineering. The Bio-Chair is part of a much larger endowment that provides broad support for the Department's efforts in bioprocessing and biomedical engineering. Areas of interest for the Joyce Chair are flexible and include advanced materials, polymers, and nanotechnology. The successful applicant is expected to maintain a research program with national and international recognition and to teach at the undergraduate and graduate levels. Significant endowed funds will be available on a recurring basis to support the chair-holder's research, teaching, and service activities. Candidates applying for this position must have a Ph.D. in Chemical Engineering or in a closely related field. Applications with curriculum vitae, including research and teaching interests, a statement of research plans, copies of selected publications, and names of three references should be sent to Professor Costas Maranas, Department Of Chemical Engineering, 112 Fenske Laboratory, The Pennsylvania State University, University Park, PA 16802-4400. Applications will be considered until the position is filled. Candidates from under-represented groups are strongly encouraged to apply.

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

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Radiation Laboratory. Applicants should send curriculum vitae (including research accomplishments, teaching experience, and publications) a transcript of doctoral graduate study, a detailed research and teaching plan, and supporting letters from at least three references to Professor Chaitan Khosla, Chair, Search Committee, Department of Chemical Engineering, Stanford University, Stanford, CA 94305-5025. Applications are due by January 15, 2006, but we will continue to accept applications until the positions are filled. Stanford University is an Equal Opportunity, Affirmative Action Employer.

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**UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT** is seeking applicants for a faculty position effective 2006/2007 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: Prof. Vasilios Manousiouthakis, Chair, UCLA Chemical & Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** UCLA is an Equal Opportunity/Affirmative Action Employer.

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**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, 2006 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 November 15, 2005 will not be considered, and earlier application is encouraged.** The University of California is an Equal Opportunity, Affirmative Action Employer.

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

The Department of Chemical Engineering seeks outstanding applicants for tenure track faculty at the Assistant Professor level. A PhD is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. The Department is particularly interested in applicants with research and teaching interests in the areas of bioengineering, polymers and microelectronics. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. Applications from women and minorities are encouraged. **Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, addresses and telephone numbers of three or more references to: Chairman, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu). Scheduling for interviews will begin in late November 2005.** A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

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**POSTDOCTORAL POSITION IN FUEL CELL CATALYSIS, UNIVERSITY OF HOUSTON**

The ChemE Department seeks postdoc experienced in PEMFC testing and electrocatalysis. Available immediately. **Send CV, publications, names of three references to Peter Strasser, pstrasser@uh.edu, http://www.chee.uh.edu/faculty/Strasser/Default.asp.**

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**THE DEPARTMENT OF CHEMICAL AND BIOMEDICAL ENGINEERING AT THE FAMU-FSU COLLEGE OF ENGINEERING** (The College of Engineering is jointly operated by Florida A&M University and Florida State University) invites applications for a faculty position at the Assistant Professor level beginning August, 2006. The Department is seeking highly qualified PhD chemical engineers who will establish a nationally

recognized and externally funded research program. Preference will be given to individuals who investigate structure-function relationships of materials with biomedical or bioengineering applications. Candidates who can build upon existing strengths of the Department and Universities are particularly encouraged to apply. (Please see the Department web page for more details <http://www.eng.fsu.edu/cheme/faculty>). Selected individuals must be strongly committed to developing an outstanding research program and to graduate and undergraduate education. **Qualified applicants should submit curriculum vitae, a description of research and teaching interests, and a list of three references, electronically to <https://jobs.fsu.edu>. Applications postmarked after November 30th, 2005 may not receive full consideration.** The FAMU-FSU College of Engineering is an AA/EEO employer; applications from members of underrepresented groups are especially encouraged to apply.

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**INTERESTED IN TEACHING? THE DEPARTMENT OF CHEMICAL ENGINEERING AT ROSE-HULMAN INSTITUTE OF TECHNOLOGY** seeks candidates with a promise of excellence in teaching and an interest in the individual student. We anticipate, upon the approval of our annual budget, an opening for a tenure-track position at a level commensurate with professional achievement starting Fall 2006. **Please visit our web site at <http://www.rose-hulman.edu/che/> and send your curriculum vitae, list of publications and names of references to Dr. Hossein Hariri, Rose-Hulman Institute of Technology, CM49, 5500 Wabash, Terre Haute IN 47803.** We hope to see you at the AIChE meeting in Cincinnati. RHIT is an EOE.

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**THE DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING AT THE UNIVERSITY OF KENTUCKY** invites applications for a tenure-track faculty position at the Assistant Professor level. Although applications in other research areas will receive consideration, we are primarily interested in candidates with expertise in biomaterials, biomimetics, or electronic materials. Applicants should have a PhD, preferably in chemical engineering or materials science and engineering, the capability to develop a strong and nationally recognized research program, and a commitment to excellence in undergraduate and graduate education in chemical engineering and materials science. Review of applications will begin immediately and will continue until the position is filled. **Applicants should submit a PDF file consisting of a resume (limited to 7 pages), a 3-page description of research plans and teaching interests, and the names of three references to CME\_Faculty-Search@engr.uky.edu or to: Chemical and Materials Faculty Search Committee, Department of Chemical and Materials Engineering, University of Kentucky, Lexington, KY 40506-0046.** The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the department can be found at: [www.engr.uky.edu/cme](http://www.engr.uky.edu/cme).

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**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. All research fields will be considered, but some preference will be given to those related to the life sciences. A PhD 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.

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**VANDERBILT UNIVERSITY - CHAIR OF CHEMICAL ENGINEERING** Vanderbilt University invites applications and nominations for Chair of the Department of Chemical Engineering. The position will be available prior to the start of the 2006-2007 academic year. The Department currently has 11 full-time tenured and tenure-track faculty positions with approximately 120 undergraduates and 35 doctoral students. It features instruction and research in the areas of biological engineering, nanotechnology, materials synthesis and characterization, molecular modeling, and adsorption processes. Vanderbilt University is ranked among the top 20 universities nationally. The successful candidate will be a distinguished scholar committed to teaching and research, with proven management ability, and a strong desire to continue to improve the program. Candidates must have an earned doctorate in chemical engineering or a closely related discipline with professional achievements that would justify as appointment as full professor with tenure. The process of reviewing applications and nominations will



begin on October 15, 2005. Applicants should send a letter of interest, a resume, and names, addresses, phone numbers, and e-mail addresses of four references to: ChE Chair Search Committee, Vanderbilt University School of Engineering, VU Station B #351826, Nashville, TN 37235-1826. Applicants are encouraged to apply electronically, by sending the above-referenced information in Word or PDF format to [CheChairSearch@vanderbilt.edu](mailto:CheChairSearch@vanderbilt.edu). Vanderbilt University is an Equal Opportunity/Affirmative Action Employer. Further information about the department, and a more complete job description, are available at <http://www.che.vanderbilt.edu>.

#### JOHNS HOPKINS UNIVERSITY DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Department of Chemical and Biomolecular Engineering announces a search for tenure-track faculty at the Assistant or Associate Professor level. The department seeks outstanding engineers and scientists who will create innovative, high-impact graduate research programs and who will excel at teaching and motivating talented undergraduate students. A doctorate in Chemical Engineering or a related field is required. Preference will be given to applicants in the fields of Nanobiotechnology, Biomolecular Sensing, Biomolecular Engineering and Systems Biology. The Chemical and Biomolecular Engineering Department provides a highly collaborative environment with departments in the School of Engineering, Arts & Sciences, Medicine and Public Health. **Candidates should submit a curriculum vitae, reprints of recent papers, a statement of research interests and teaching plans, and the names of three references to: Chair, Search Committee, Department of Chemical and Biomolecular Engineering, Johns Hopkins University, Maryland 221, 3400 North Charles Street, Baltimore, MD 21218. To ensure full consideration, applications should be submitted by December 1, 2005.** The Johns Hopkins University is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

#### ASSISTANT PROFESSOR BIOLOGICAL ENGINEERING, MICHAEL SMITH LABORATORIES, UNIVERSITY OF BRITISH COLUMBIA

The Michael Smith Laboratories is seeking applications for a tenure-track faculty position at the level of Assistant Professor. The 1993 Nobel Laureate Michael Smith established this interdepartmental unit, with an emphasis on multidisciplinary research in state-of-the-art facilities. The position requires a candidate who will establish a vigorous research program in biological engineering. Candidates should hold a PhD in chemical engineering or a related field, and have a record of demonstrated success in collaborative research between engineering and biology. Applicants from a broad range of areas will be considered, including biomaterials, tissue engineering, cellular therapy, bioprocessing, bio-fuels, as well as the engineering of gene therapy, genomics and proteomics. Relevant industrial experience and eligibility for registration as a Professional Engineer are desirable. The successful candidate will hold a cross-appointment with the Department of Chemical and Biological Engineering, to include all his or her teaching responsibilities. **Applications are being accepted on-line at <http://www.michaelsmith.ubc.ca/employment/faculty>. In addition, three letters of reference should be sent directly by referees to [bioeng@msl.ubc.ca](mailto:bioeng@msl.ubc.ca). Closing date is November 15, 2005.** Screening of applicants will begin November 22, 2005, and continue until the position is filled. Expected start date is July 1, 2006. UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply; however, Canadians and permanent residents of Canada will be given priority.

**UNIVERSITY OF COLORADO (WWW.COLORADO.EDU/CHE) THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING** seeks to hire two exceptional candidates as assistant, associate, or full professors. Candidates with interests in all research areas will be considered. **Applicants should send a vitae, research and teaching statements, and names of at least three references to John L. Falconer, Department of Chemical and Biological Engineering, University of Colorado, Boulder, CO 80309-0424, or submit pdf files to [romige@colorado.edu](mailto:romige@colorado.edu). Review of applications will begin in October 2005.** The University of Colorado is committed to diversity and equality in education and employment.

**THE DEPARTMENT CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF WYOMING** has an opening for an Assistant/Associate Professor of Chemical Engineering. Candidates who possess an earned doctorate in chemical engineering or a closely related field and who are interested in developing an externally funded research program, especially in, but not limited to, life sciences, including biotechnology, biomaterials, pharmaceuticals, and biomedical engineering, are invited to **mail or e-mail their application, resume, statements of teaching and research interests, and contact information for at least three referees to Dr. Brian Towler, Head, Department of**



#### The Polytechnic University Announces the Opening of Two Endowed Chairs in Chemical and Biological Engineering

Polytechnic University, the second oldest technological university in the United States, is delighted to issue a call for nominations and direct applications for two endowed Distinguished Chairs of Chemical Engineering for senior or junior faculty. Both chairs, endowed with \$2.5 million each, are available starting on July 1, 2006 in the newly established Othmer Department of Chemical and Biological Engineering.

We aim to attract to the two chairs individuals with internationally recognized records of research accomplishments in chemical engineering, particularly those with a significant overlap with biology and/or energy issues. The desired candidates should have at least one degree in Chemical Engineering, a strong commitment to undergraduate and graduate education and the ability and energy to further first class research activities at Polytechnic. The recruitment of distinguished colleagues to occupy these chairs is part of an effort to strengthen the undergraduate and graduate programs in chemical and biological engineering, and to assure that Polytechnic University remains one of the premier technological institutions in the world.

*We are also interested in receiving applications from junior faculty for an Early Career Endowed Chair of Chemical Engineering. Those candidates must shop a clear promise to be inspiring teachers and establish successful internationally recognized research program.*

**Applications and/or nominations should be sent electronically to Professor Walter Zurawsky ([zurawsky@poly.edu](mailto:zurawsky@poly.edu)) or Professor Edward Ziegler ([eziegler@poly.edu](mailto:eziegler@poly.edu)).** All applications and nominations related to these outstanding opportunities will be handled with the utmost discretion and confidentiality.

Polytechnic University is located in Brooklyn, New York, inside the MetroTech Center, a 16-acre academic/research/commercial complex, just across the Brooklyn Bridge, minutes from Manhattan. For additional information about the department or Polytechnic University visit [www.cbse.poly.edu](http://www.cbse.poly.edu). EOE/AA

#### The Petroleum Institute in Abu Dhabi



#### Program Faculty, Chemical Engineering

The Petroleum Institute in Abu Dhabi is seeking applications for Chemical Engineering faculty. Program faculty report directly to the Program Director who has overall responsibility for leadership of the Chemical Engineering program. Applicants should possess an earned PhD degree in Chemical Engineering or a closely related field; relevant industrial experience is also highly desirable. Appointments at all levels (Assistant Professor, Associate Professor, Professor) are available. All research specialties will be considered for this position, however applicants with research interests and experience in materials science (corrosion), process control, integration and optimization, environmental science and engineering, and hydrocarbon processing (refining, gas processing, catalysis, separations) are especially encouraged to apply.

Program faculty in Chemical Engineering will teach undergraduate and graduate courses, develop an active research program, and will engage in professional service and institutional and professional committee work. Opportunities to interact with PI industrial stakeholders and other local industries will be a key feature in the development of a research program. Chemical Engineering faculty will work closely with the Program Director to develop departmental budgets and appropriate departmental and institutional staffing plans. The Petroleum Institute opened in September of 2001 in newly-constructed office, laboratory, and classroom facilities. The Chemical Engineering Program has a capital and operating budget that is being sized for excellence in the area of faculty development and the provision of program resources.

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

The Petroleum Institute is affiliated with the Colorado School of Mines, and additional information can be found at the PI website: [www.pi.ac.ae](http://www.pi.ac.ae).

An appointment is desired in early summer, 2006. Interested candidates should submit a letter of application and a detailed resume electronically to Mohamed Kassim ([mkassim@pi.ac.ae](mailto:mkassim@pi.ac.ae)). Please only submit a hardcopy application if you can not do so electronically to:

Mohamed Kassim  
Executive Director's Office  
The Petroleum Institute  
P.O. Box 2533  
Abu Dhabi  
United Arab Emirates  
Candidates are encouraged to submit applications as soon as possible but no later than December 31, 2005.

Chemical and Petroleum Engineering, Dept. 3295, 1000 E University Avenue, University of Wyoming, Laramie, WY 82071. E-mail to [margep@uwyo.edu](mailto:margep@uwyo.edu) Tel: (307) 766-2500. We will begin the application review process in January 2006. The University of Wyoming is an AA/EEO employer.

**THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT IOWA STATE UNIVERSITY ([HTTP://WWW.CBE.IASTATE.EDU/](http://www.CBE.IASTATE.EDU/))** is soliciting applications and nominations for tenure-track faculty positions at the Assistant, Associate or Full Professor level to join a collegial, supportive, and diverse faculty of 18, including 8 outstanding members hired in the last 7 years. Responsibilities will include training of graduate students as well as undergraduate education and service activities. The department has a dynamic research environment with thrusts in advanced materials, reaction engineering and modeling, and biotechnology/biobased products. All these programs involve interdisciplinary collaborations across the campus and the strong support of University centers in those areas. All applicants should have a PhD in chemical engineering or a related field. Applicants will have demonstrated research accomplishments and the potential for continuing excellence in both research and teaching commensurate with the level. The research area is open. However, applicants that complement and strengthen our existing research programs are especially welcome. All applications must be submitted electronically for vacancy #050764. **Qualified applicants should visit [www.iastatejobs.com](http://www.iastatejobs.com), complete the employment application and attach 1) a curriculum vitae, 2) statements of research and teaching interests not to exceed three pages total, and 3) contact information for at least three references. For earliest consideration, applications should be received by January 9, 2006. However, applications received after this date will also be considered until the position is filled.** If you have questions regarding this vacancy, please contact Charles E. Glatz at [cglatz@iastate.edu](mailto:cglatz@iastate.edu) or 515/294-8472. Direct questions regarding this application process to [employment@iastate.edu](mailto:employment@iastate.edu) or 515/294-2936. Iowa State University values a diverse faculty and is an Equal Opportunity/Affirmative Action Employer.

#### **FACULTY POSITION, PAPER AND CHEMICAL ENGINEERING SCHOOL OF ENGINEERING AND APPLIED SCIENCE, MIAMI UNIVERSITY**

Position: The Department of Paper and Chemical Engineering (PCE) invites applications for a tenure track faculty position at the Assistant or Associate Professor rank, starting fall 2006. Primary responsibilities are to teach undergraduate and graduate courses, to develop curriculum enhancements, to initiate and maintain an active program of scholarship, to advise students, to supervise undergraduate senior design projects and graduate thesis research, and to participate in departmental and professional service activities. An earned doctorate, and the ability to teach courses in paper science and chemical engineering are required. PhD candidates will be considered, but the doctorate must be completed by the time of appointment. To be appointed to the rank of Associate Professor, the successful candidate will have an established record of scholarship/research. Persons with expertise in any area of paper science or chemical engineering will be considered for this position, but strength in papermaking, wet end chemistry, and/or coating is especially desired. Professional experience in the paper or chemical industry and undergraduate or graduate teaching experience is also desirable. Department: Established in the late 1950s, PCE currently has 9 full-time faculty, 3 administrative and technical support staff, 75 undergraduate majors, and 10 graduate students. The department offers a highly successful, ABET accredited, undergraduate major in paper science and engineering, a major and minor in chemical engineering, and an interdisciplinary major in engineering management (with either a paper science or an environmental engineering specialization). A popular co-op program is available to all undergraduate majors. The graduate program offers undergraduates in science or engineering the opportunity to study and perform master's level research in paper science and chemical engineering. The Miami University Paper Science and Engineering Foundation is a non-profit organization set-up to solicit and coordinate industry support for scholarships, equipment, and curricular advice. It operates independently of the department and is led by an executive director with an administrative support staff person. The department's laboratories include a modern paper testing laboratory, a highly instrumented pilot paper machine, a chemical engineering laboratory, and other laboratories containing bench scale pulp and paper production equipment. Additional information can be found at <http://www.eas.muohio.edu/pps>. Division: PCE is administratively located in the School of Engineering and Applied Science (SEAS), which includes other related baccalaureate majors in Mechanical Engineering, Manufacturing Engineering, Computer Science, Systems Analysis, Computer Engineering, Electrical Engineering, General Engineering and Engineering Management. Miami University is committed to strengthening and expanding the School of Engineering and Applied Science. Additional degree options are under consideration for future years. A common first year of courses for all engineering majors is in place, and SEAS is expected to move into a new building starting in 2006. (<http://www.eas.muohio.edu>). University: Miami University is a state-assisted university located in beautiful southwestern Ohio and is noted for its

excellence in undergraduate education. Miami has an enrollment of more than 20,000 students on four campuses. Our main campus is in Oxford, a small city with a population of 9,000 located 35 miles north of Cincinnati. Enrollment on the Oxford campus is limited to 16,000. Miami also has regional campuses in two nearby cities, Hamilton and Middletown, and a European Center in Luxembourg. Miami is regularly ranked among the top twenty public universities in undergraduate education. (<http://www.muohio.edu>). **Applications:** Applications should include a resume, descriptions of teaching philosophy and research experience, and descriptions of other experiences appropriate to the position. Review of applications will begin January 13, 2006 and will continue until the position is filled. Send the above materials and three letters of reference to: Professor Michael Waller, PCE Faculty Search Committee, School of Engineering and Applied Science, Miami University, Oxford, OH 45056, phone: 513-529-2205, fax: 513-529-2201, e-mail: [wallermh@muohio.edu](mailto:wallermh@muohio.edu). Miami University is an Equal Opportunity, Affirmative Action Employer. Applications from women and minority candidates are encouraged.

#### **MASSACHUSETTS INSTITUTE OF TECHNOLOGY, TENURE-TRACK JUNIOR FACULTY POSITION, CHEMICAL ENGINEERING**

The Department of Chemical Engineering at the Massachusetts Institute of Technology invites applications and/or nominations for a tenure-track junior faculty position in chemical engineering. The ideal candidate will possess a doctorate (PhD, ScD, or equivalent) in chemical engineering or a closely related field by the beginning of the appointment period. The candidate should have demonstrated excellence in original research and a strong commitment to teaching, both at the graduate and undergraduate levels. Interested individuals should send a current curriculum vitae, a brief description of research plans and teaching interests, and at least three letters of assessment of a professional or academic nature. **Applications must be received by January 1, 2006. All correspondence should be directed to: The Faculty Search Committee, Department of Chemical Engineering, Massachusetts Institute of Technology, 77 Massachusetts Avenue, 66-350 Cambridge, MA 02139-4307.** Minority and women candidates are strongly encouraged to apply. <http://web.mit.edu/cheme/>. Massachusetts Institute of Technology. An Equal Opportunity/Affirmative Action Employer. Non-Smoking Environment. <http://web.mit.edu/personnel/www>.



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