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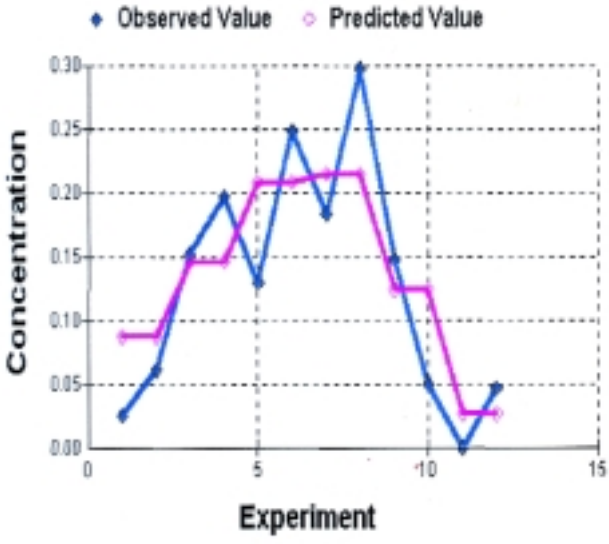
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4	0.20	0.15
5	0.13	0.21
6	0.25	0.21
7	0.18	0.21
8	0.30	0.21
9	0.15	0.13
10	0.06	0.13
11	0.00	0.03
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**President or CEO:** Privately held Midwest Urethane Products Company is searching for a CEO to run and build 200 employee business. 5 years of full P&L responsibilities in manufacturing environment. B.S. in Chemical Engineering or Chemistry is required. Please communicate in complete confidence to Search Firm: Hartsfield Advisors, [Samuel2@bellsouth.net](mailto:Samuel2@bellsouth.net) or Hartsfield Advisors, PO Box 28489, Atlanta, GA 30358.

**BSChE:** Water Treatment systems design for top energy industry design/build firm Located in southeast Michigan. Minimum 5 yrs experience. EIT required, PE preferred. Contact: Stephanie Krupp-[stephanie@mranarbor.com](mailto:stephanie@mranarbor.com)

**Engineer IV** to support the facilities and process equipment located in Rouses Point Chemical Development (Rouses Point, NY). Your main goal will be to maintain department facilities and equipment in reliable working condition. Additional responsibilities include support maintenance priorities; Act as a project manager on small projects (\$500K); Coordinate middle size projects (\$500K - \$2M) by co-leading the project team with site engineering; Coordinate large capital projects (\$2M) by representing the department on the project team; Provide strong leadership and support in all areas of facility engineering, especially in instrumentation controls; Duties also include environmental and safety related activities. Requirements: BS degree in Chemical Engineering, with 5-7 years relevant experience, or MS degree in Chemical Engineering, with 3-5 years relevant experience required. Relevant experience includes experience in a chemical process plant environment, acting as a process or project engineer involved in all aspects of project design, implementation, startup, and operations. Strong controls experience is essential. Send resume to [mreyj@war.wyeth.com](mailto:mreyj@war.wyeth.com)

**A career with Pfizer is a career that matters.** The only thing we need to continue to succeed is YOU. Pfizer's Global Manufacturing division, located in Groton, CT, is seeking a talented Process Supervisor to help us achieve our mission. To become the #1 supply organization in our industry and a strategic asset to Pfizer. **As the Process Supervisor in our Organic Synthesis Plant, some of your duties will be:** Responsible for production of assigned products to meet quality, quantity, and delivery requirements at standard costs. Develops and supervises process improvement and cost savings programs. Supervises processes, equipment, and personnel in a team-based environment. Provides technical expertise, direction, and guidance in a department of 70-90. Ensures GMP, safety, and

environmental requirements are met. Collaborate with other Pfizer manufacturing sites for development of Best Practices. **The successful candidate will possess:** BS degree in chemical engineering or chemistry. 3-5 years Pharmaceutical production experience desired. Demonstrated excellent interpersonal and communication skills must. Send resume to [Adrienne.G.Patrella@Pfizer.com](mailto:Adrienne.G.Patrella@Pfizer.com) **AN EQUAL OPPORTUNITY EMPLOYER.**

**The National Renewable Energy Laboratory (NREL)**, the U.S. Department of Energy's premier laboratory for renewable energy research & development and a lead lab for energy efficiency R&D, is seeking resumes for a **CHEMICAL ENGINEER II (E5120-851)**. This is a **Regular, Full-Time** position located in **Golden, Colorado**. **DUTIES:** Under the general direction of senior staff, independently perform engineering evaluations of ongoing and potential new technologies for the production of fuels, chemicals and electric power. Conduct analyses using standard simulation and analysis methods, including energy and material balances, process flow diagram construction, ASPEN Plus<sup>®</sup> and spreadsheet modeling, equipment costing and economic analysis. Following completion of analyses, prepare reports, including technical memos and presentations, project reports and peer-reviewed journal articles. **REQUIRED:** Master's degree, or equivalent relevant experience, in Chemical Engineering. A minimum of three years of demonstrated work in process simulation and application of chemical engineering principles. Must be able to work in a team environment, while performing independent work. Excellent communication skills, including effective oral and written communication for technical and non-technical audiences. **PREFERRED:** Previous work in ASPEN Plus<sup>®</sup> and Microsoft Excel. Knowledge of energy analysis and renewable energy. Linear programming and dynamic modeling familiarity. Chemical process plant and/or power plant experience. To apply, please fax, mail or e-mail your resume to: Human Resources (Req. 851), National Renewable Energy Laboratory, 1617 Cole Blvd., Golden, CO 80401, Fax: 303/384-7570, E-mail: [NREL\\_employment@nrel.gov](mailto:NREL_employment@nrel.gov) **NREL is an equal opportunity employer committed to diversity.**

## ACADEMIC OPENINGS

**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 or Associate Professor to be filled at the earliest opportunity. Candidates are sought who have an earned doctorate in Chemical Engineering or closely related area; a strong interest in educational programs at both the undergraduate and graduate levels; and a commitment to excellence in research. All contemporary research areas in chemical engineering will be considered. The School of Chemical Engineering has ten faculty members, 275 undergraduate and 40 graduate students. The faculty assign a high priority to teaching excellence. Students are among the brightest in the University and graduate to become highly respected professionals. All faculty members have externally sponsored research programs and selectively participate in engineering extension and continuing education programs. Research programs and facilities have been enhanced recently by the addition of the new \$35 million Advanced Technology Research Center for the College of Engineering, Architecture and Technology. 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, 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 is ongoing and will continue until the position is filled. Send applications or nominations to: Professor Khaled A. M. Goh, 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: [kgm@okstate.edu](mailto:kgm@okstate.edu)

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**University of South Carolina:** The Department of Chemical Engineering at the University of South Carolina invites applications for multiple tenure-track positions at all ranks to begin during Fall 2002. The Department seeks individuals who possess an outstanding academic record, have demonstrated commitment to excellence in undergraduate and graduate education, and are capable of establishing an excellent research program. Preference will be given to candidates with a background in nanoscale science and engineering or biomedical engineering. The Department of Chemical Engineering at the University of South Carolina currently includes 16 tenure-track faculty members and three research faculty members. We spent approximately \$3,000,000 on research last year and currently have about 60 Ph.D. students. Details about our department can be found on our web site at [www.che.sc.edu](http://www.che.sc.edu). Please send a letter of application, resume, statement of research plans and teaching interests, copies of undergraduate and graduate transcripts, a set of representative publications, and arrange to have three letters of reference sent to Professor John W. Van Zee, Chairman of the 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 and encourages qualified women and minorities to apply.

**FACULTY POSITION IN CHEMICAL ENGINEERING:** The Department of Chemical Engineering, University of Rochester,

invites applications to fill a tenure-track position at the assistant professor level. Although the current search is focused on biotechnology and bioengineering, exceptional candidates in other fields of specialization will also be considered. Applicants in molecular, cellular, and tissue engineering, functional genomics, bioinformatics, and nanoscale biosystems are especially encouraged to apply. The applicant should (or expect to receive before taking the position) a PhD in Chemical Engineering or a



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## NATIONAL UNIVERSITY OF SINGAPORE

### HEAD, DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING

Nominations and applications are invited for the position of Head, Department of Chemical and Environmental Engineering, National University of Singapore. The candidate should have leadership qualities, distinguished academic accomplishments in the area of chemical engineering, administrative abilities, and a firm understanding of the academic and professional developments of the field on a global scale. In addition, the candidate should have an established track record in securing external funding and excellent interpersonal and communication skills.

National University of Singapore is a premier institution of learning with a strong emphasis on excellence in teaching and research. It has played a pivotal role in Singapore's dynamic growth in the chemical industry and its position as the world's third largest oil refining centre. Currently, there are more than 45 academic staff, 500 graduate students and 860 undergraduate students in the Department making it one of the largest chemical engineering departments in the world. Further details on the Department are available at the website <http://www.eng.nus.edu.sg/ChemEng/>

Research at National University of Singapore is well-funded by public and private sector resources. The Department is expected to contribute to the ongoing development of the economic infrastructure in Singapore through intensified education, research, and service in areas such as chemical, pharmaceutical and process engineering, biotechnology, environmental science and technology and materials and devices. To this end, the incumbent will have excellent opportunities to lead the Department to a new phase of development by way of recruiting new faculty, initiating and fostering new academic and research programs, and establishing alliances with appropriate national and international institutions and industry.

The position is available from September 2002. Remuneration will be commensurate with qualifications and experience.

**Interested applicants should submit their resumes and supporting documents to:**

**Prof Ng Wun Jern**  
Dean of Engineering  
National University of Singapore  
Blk EA 07-26  
9 Engineering Drive 1  
Singapore 117576  
Republic of Singapore

**Fax: (65) 775-0120**

**Inquiries may be directed to the Dean via email: [engdean@nus.edu.sg](mailto:engdean@nus.edu.sg)**



The University of New Mexico

**Professor and Chair  
Department of Chemical and Nuclear  
Engineering  
School of Engineering  
University of New Mexico**

The School of Engineering at the University of New Mexico invites nominations and applications for the tenured position of Professor and Chair of Chemical and Nuclear Engineering. The department is one of five in the School of Engineering. The department is committed to excellence in both undergraduate and graduate education, with ABET-accredited B.S. degree programs in chemical engineering and nuclear engineering, as well as M.S. and Ph.D. programs involving students in leading-edge research activities.

The department comprises 17 tenure-track faculty and 17 research faculty. Sponsored research expenditures for the 2000-01 academic year were approximately \$3.5 million, including research performed by department faculty and students associated with the Center for Micro-Engineered Materials, the Center for Radioactive Waste Management, and the Institute for Space and Nuclear Power Studies. Major areas of research in chemical engineering include: nanostructures, microsystems, molecular self-assembly, catalysis and interfaces, colloidal transport, inorganic membranes, organic surfaces and biomaterials, biomedical sensors, bioremediation, porous materials, composite thin-films, aerosol materials synthesis, chemical vapor deposition, and plasma etching and deposition. Major areas of research in nuclear engineering include: plasma science and accelerator technology, fusion technology, space power, thermal hydraulics, radiation diagnostics and protection, nuclear criticality safety, probabilistic risk assessment, radiation transport and radiation interactions with matter, and radioactive waste management. The environmental and plasma technology areas involve faculty from both sides of the department. The department enjoys extensive interactions and collaborations with New Mexico's federal laboratories, Los Alamos National Laboratory, Sandia National Laboratories, and the Air Force Research Laboratory, as well as with the UNM School of Medicine and high technology industries both locally and nationally.

The School of Engineering seeks an individual who has demonstrated leadership, has a research record of marked distinction and significant impact, has proven teaching skills, and is active in professional service. The successful candidate should have exceptional communication and interpersonal skills, and be able to articulate a vision for education, research, and service. An earned Ph.D. in chemical engineering, nuclear engineering, or a related field is a prerequisite.

Please submit letters of nominations and applications, which specifically address the aforementioned qualifications to: Professor Christos Christodoulou, Chair, Chemical and Nuclear Engineering, Chair Search Committee, University of New Mexico, School of Engineering, Farris Engineering Center 107, Albuquerque, NM, 87131. Applications should be accompanied by a detailed *via* and the names and addresses of four references. For best consideration, applications should be received by October 19, 2001. New Mexico has a rich and varied culture, and representatives of all underrepresented groups are encouraged to apply. The University of New Mexico, which is both a Carnegie Doctoral/Research University-Extensive and a Minority Institution, is an equal opportunity/affirmative action employer and educator.

related field, a strong commitment to undergraduate and graduate education, and the ability to develop a nationally and internationally recognized research program. The Department is well positioned for substantial growth in two strategic areas, biotechnology and materials science. This new position includes opportunities for interaction with the University of Rochester's highly regarded School of Medicine and the Laboratory for Laser Energetics. Please visit the Department's website for further information: [www.che.rochester.edu](http://www.che.rochester.edu). Review of applications will begin immediately and will continue until the position is filled. Applicants should submit a detailed curriculum vitae, a set of representative publications, a short description of past research accomplishments, a two to three-page statement of research and teaching plans, and the names and contact information of three references to the address below: Professor E.H. Chimowitz, Chairman of the Faculty Search Committee, Department of Chemical Engineering, University of Rochester, Room 206 Gavett Hall, Rochester, NY 14627-0166. The University is an Affirmative Action/Equal Opportunity Employer. The OHIO STATE UNIVERSITY, CHEMICAL ENGINEERING DEPARTMENT is seeking applicants for several newly created tenure-track Assistant/Associate professor positions with consideration of exceptional candidates at full professor rank. All research areas will be considered, with special interest in particle technology,

bioengineering/ tissue engineering, environmental engineering, and nanofabrication. Candidates should have a Ph.D. degree in Chemical Engineering or allied field and a demonstrated outstanding research record with a strong commitment to teaching excellence. Applicants should submit a detailed curriculum vitae, names and addresses of three references, and a statement of teaching and research interests to: Professor Martin Feinberg, Department of Chemical Engineering, The Ohio State University, 140 W. 19th Avenue, Oh 43210-1180. Phone: 614/688-4883, Fax: 614/292-9271, Email: [feinberg.14@ohio-state.edu](mailto:feinberg.14@ohio-state.edu). The search will remain open until the positions are filled. OSU is an Equal Opportunity/Affirmative Action Employer.

**Chemical Engineering Tenure Track Faculty Positions:** Ph.D in chemical engineering or equivalent qualifications and commitment to excellence in teaching and research are required. Research areas open rank and salary commensurate with qualifications. Starting date September 1, 2002. Please send a resume, statement of teaching interests, research plan, and arrange for three letters of reference directly to: Chair, Faculty Search Committee, Department of Chemical Engineering, University of Massachusetts, 686 No. Pleasant Street, Amherst, MA 01003-3110. Complete applications are welcome anytime. Reviews will begin September 1, 2001, applications accepted thereafter until the positions are filled. The University of Massachusetts is an Affirmative Action/Equal Opportunity employer; women and members of minority groups are encouraged to apply.

**Distinguished Professor in Chemical Engineering, The Ohio State University.** The department of Chemical Engineering at Ohio State University is seeking applicants for a senior position to be appointed as "Taine G. McDouglas Professorship in Engineering." All research areas will be considered, with special interest in particle technology, polymers, and biomaterials. The Ohio State University, founded in 1871, is one of the largest land-grant universities in the country, with 50,000 students, 4,000 faculty and 20,000 staff members. Located in Columbus, the capital of Ohio, it enjoys a rich cultural life in an urban setting with the close-knit community atmosphere of the Midwest. The Department of Chemical Engineering, one of the oldest in the country, has 13 full-time and 3 active emeritus faculty, 80 graduate students, 400 undergraduate students and over 3,000 alumni, who are very supportive of the Department. The annual research budget exceeds \$4.5 million. Candidates should have a Ph.D. degree in Chemical Engineering or allied field and an outstanding research record with a strong commitment to teaching excellence. Review of applications will begin February 1, 2002, and will continue until the position is filled. Applicants should submit a detailed curriculum vitae, names and addresses of four references, and a statement of teaching and research interests to: Professor Martin Feinberg, Department of Chemical Engineering, The Ohio State University, 140 West 19th Avenue, Columbus, Ohio 43210-1180. Phone: 614/688-4883, Fax: 614/292-9271, Email: [feinberg.14@ohio-state.edu](mailto:feinberg.14@ohio-state.edu).

**Tenure Track Assistant Professor Opening in Polymer and other Organic Materials In the Department of Materials Science and Engineering, Pennsylvania State University, University Park, Pa.** The Department of Materials Science and Engineering and the Materials Research Institute at Penn State University are seeking to hire an outstanding tenure track assistant professor specializing in polymers and in other organic materials. The Department of Materials Science and



Engineering, which has 33 full time faculty members, 126 graduate students and about 100 undergraduate students, has consistently ranked in the top 10 nation wide. We emphasize research, teaching and service activities, and active faculty members are expected to participate in all of these activities. While researchers working in all areas of research in polymers and other organic materials will be considered, we stress interdisciplinary research areas, including nanomaterials, bioinspired materials, and electronic and photonic materials, especially emphasizing the synthesis of these novel materials. Please apply with a resume, names of three references, and a summary of research and teaching interests to Ms. Judy Bell, Administrative Assistant, Dept. of Materials Science and Engineering, 121B Steidle Building, University Park PA 16802. E-mail submissions can be made to [judybell@psu.edu](mailto:judybell@psu.edu).

The Department of Chemical Engineering at Texas Tech University invites applications for tenure track positions at all levels. One position has been identified in the area of Polymer Science or Engineering. Departmental strengths also include Computational Methods in Chemical Engineering, Process Control and Bioengineering. Outstanding candidates in all fields of Chemical Engineering are invited to apply. Applicants must have a Ph.D. degree in Chemical Engineering or a closely related field. Successful candidates will be expected to develop an independent research program, to teach existing graduate and undergraduate courses and develop new courses. Applicants should send a detailed CV, a statement of research and teaching interests, and the names and addresses of at least three references to Prof. Gregory B. McKenna, Chair, Search Committee, Department of Chemical Engineering, Texas Tech University, Box 43121, Lubbock, TX 79409-3121. Website: <http://www.che.ttu.edu/> Review of applications will begin October 15, 2001. Applications will be accepted until the positions are filled. Candidates must be currently eligible to work in the United States. Texas Tech University is an equal opportunity/affirmative action employer and actively seeks the candidacy of women and minorities.

**HEAD, CHEMICAL ENGINEERING:** The Department of Chemical Engineering at the University of Minnesota Duluth invites nominations and applications for a new Department Head at the level of associate or full professor. Successful candidates must have an earned doctorate in Chemical Engineering, or closely related field, and be able to teach core courses in an ABET accredited chemical engineering curriculum. Excellent communication, management, and leadership abilities are essential. The head must have a commitment to excellence in undergraduate and graduate education, a strong record of teaching and research, and experience obtaining external funding and ABET accreditation. Experience with industry and outreach is desirable. The compensation package is competitive. The department is nationally ranked with 150 undergraduate majors. UMD is a comprehensive regional university overlooking Lake Superior. Duluth is a scenic port city within proximity to the Boundary Waters Canoe Area Wilderness, and has extensive cultural, education and recreational opportunities. See [www.dumn.edu/che](http://www.dumn.edu/che) for more information about UMD, the College of Science and Engineering, and the ChE department. Completed applications must include a letter of application, a curriculum vitae, a statement detailing affirmative action accomplishments, and contact information for three professional references. Send completed applications to: Chemical Engineering Search Committee, Department of Chemical Engineering,



The Department of Chemical Engineering invites applications and nominations for an **Assistant/Associate Professor**. This is a tenure-track

appointment. This individual will have earned a Ph.D. in chemical engineering (or closely related field) with an established academic record required for hire at the associate level. This position involves both teaching and research. The successful candidate is expected to develop a national and internationally recognized program of externally funded research. Applicant must have a strong commitment to excellence in undergraduate and graduate education.

The department will be moving into a new 133,000 sq. ft. building, Othmer Hall, in May 2002. The successful candidates will have the opportunity to design their research laboratory and influence future directions of the department. The new building will be state-of-the-art with respect to teaching facilities and research laboratories. The position is open with respect to research area. However, the UNL College of Engineering has identified four areas of emphasis for the future: bioengineering (biomedical and biochemical), material science/nanotechnology, sensors, and simulation. Candidates with accomplishments in these areas are especially encouraged to apply.

Starting date for this position is expected to be Fall 2002, but can be as early as January 2002. Screening of applications will begin November 30, 2001 and will continue until the position is filled. Information on the department can be found at <http://che.unl.edu/>. Send a letter of application, curriculum vitae, names and contact information of at least three references, and statements of research and teaching interests and plans to: James M. Eakman, Chair, Department of Chemical Engineering, University of Nebraska - Lincoln; Lincoln, Nebraska 68588-0126.

The University of Nebraska - Lincoln is committed to a pluralistic campus community through Affirmative Action and Equal Opportunity and is responsive to the needs of dual career couples. If you require a reasonable accommodation in order to apply or interview for this position, please contact James M. Eakman 402-472-2750.

University of Minnesota Duluth, 10 University Drive, Duluth, MN 55812. Review of complete applications will begin October 1, 2001, and will continue until the position is filled. The University of Minnesota is an equal opportunity educator and employer.

**The Michael and Patricia Aldredge Endowed Chair in Engineering:** LA MAR UNIVERSITY invites nominations and applications for the Aldredge Endowed Chair in Industrial Infrastructure. Candidates must have a track record of successfully integrating advanced information technologies to optimize industrial processes especially those related to petrochemicals. An outstanding record of achievement in research and/or development is required. Candidates must be able to communicate with sponsors including government and industry. A knowledge of the current state of the art in safety, productivity, and quality improvement through implementation of advanced information technologies is required along with a vision of future research directions. Candidates will be expected to design undergraduate and graduate courses in Information Technology for Industrial and Chemical Engineering and Computer Science/Engineering students. A record of excellence in research and publication is required. Other requirements include an earned Ph.D. in an appropriate discipline, and credentials for appointment to the rank of Associate or Professor. An ability to lead an interdisciplinary research team and to participate on other research teams is required. Applications are to include a curriculum vitae or extensive resume



**BIOCHEMICAL ENGINEERING** The Department of Chemical Engineering at the University of Nebraska – Lincoln (UN-L) invites applications from qualified candidates for this tenure-track position. The rank is open but an individual qualified for appointment as an associate professor is preferred. This appointment requires a specialty in biochemical engineering to strengthen the Biological Process Development Facility (BPDF) and the bioprocessing program at UN-L.

Individuals with an emphasis in mammalian cell culture, or related areas are encouraged. The BPDF has a full-time staff of 38 and works closely with industry, government and academic institutions to do research and process development on recombinant proteins destined for human clinical trials. The BPDF will be moving into a new \$14 million facility to be built as part of the new Othmer Hall, the new home for Chemical Engineering beginning June 2002. The new BPDF facility will have state-of-the-art bioprocessing research and development capabilities, including a NEW mammalian expression laboratory with reactors ranging in size up to 30 L. The basement of Othmer Hall will house 10,000 sq ft of cGMP pilot plants for production of Phase I/II clinical material, with half dedicated to yeast/bacteria (750 L) and the other half to mammalian (1,000 L). This individual is expected to develop a research program in mammalian systems and to interact with the BPDF on related projects. This individual will have the opportunity to interact with industry, government and other academic institutions on issues related to expression of recombinant proteins in mammalian systems.

An earned Ph.D. in chemical engineering (or closely related field) with an outstanding academic record is required. This position involves both teaching and research. The successful candidate is expected to develop an internationally recognized program of externally funded research. Applicant must have a strong commitment to excellence in undergraduate and graduate education. Starting date can be as early as Spring 2002. Screening of applications will begin December 1, 2001 and will continue until the position is filled. Information on the department can be found at <http://che.unl.edu/>. Send curriculum vitae, names of three references including addresses and telephone numbers, and statements of research and teaching interests and plans to: James M. Eakman, Chair; Department of Chemical Engineering; University of Nebraska - Lincoln; Lincoln, Nebraska 68588-0126.

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 accommodation under the Americans with Disabilities Act in order to apply or interview for this position. Please contact James M. Eakman at 402-472-2750 for assistance.

including prior experience, a comprehensive objective statement written by the applicant including a vision of the applicant's role in the development of this area, and a list of three references. Applications must be submitted to the Office of Human Resources, Lamar University, P. O. Box 11127, Beaumont, Texas 77710-1127. In addition to your formal submission, sending your letter and CV to [zaloona@hal.lamar.edu](mailto:zaloona@hal.lamar.edu) or [Liku@hal.lamar.edu](mailto:Liku@hal.lamar.edu) will expedite your application. **Salary Level:** Equivalent to the ASEE Salary Survey Range for "Extraordinary Professor". This position will remain open until filled. Lamar is an EEO/AA employer.

**Postdoctoral and Research Associate positions** in the Department of Chemical Engineering and Materials Science at the University of Minnesota to conduct grant supported research in all areas of Chemical Engineering, Materials Science, and related disciplines. Starting dates and salaries vary according to the timing and duration of grants and contracts. Requires Ph.D. degree in Chemical Engineering, Materials Science, or related discipline. Applications for coming year must be submitted by December 31, 2001. Applications will remain active for twelve months. Submit applications with resume and list of three references to Julie Murphy, Chemical Engineering and Materials Science, University of Minnesota, 151 Amundson Hall, 421 Washington Avenue SE, Minneapolis, MN 55455. The University of Minnesota is an equal opportunity educator and employer.

**INTERESTED IN TEACHING?** The Chemical Engineering Department at

ROSE-HULMAN INSTITUTE OF TECHNOLOGY seeks candidates with a promise of excellence in teaching and an interest in the individual student. We anticipate an opening for a tenure-track position at a level commensurate with professional achievement starting Fall 2002. Please visit our web site at <http://www.rose-hulman.edu/HR/FacultyOpenings> and send your curriculum vitae and names of references to Dr. Hossein Hariiri, Rose-Hulman Institute of Technology, 5500 Wabash, Terre Haute IN 47803. To reach us by phone call (812) 877-8318 or (812) 877-8098. Rose-Hulman and the Chemical Engineering Department both are ranked #1 by US News and World Report among colleges whose highest degree offered in engineering is the MS. RHIIT is an EOE.

**Faculty Positions, Department of Chemical, Biochemical, and Materials Engineering, Stevens Institute of Technology.** Stevens Institute of Technology has openings for two tenure-track faculty positions at any professorial rank in the Department of Chemical, Biochemical and Materials Engineering. The Department has about 150 undergraduate students and 60 graduate students with annual research expenditures over \$2.5M. Ideal candidates will have degrees in Chemical Engineering or Biochemical Engineering. The candidates are expected to enhance both undergraduate and graduate academic programs and to lead independent research. Preference will be given to candidates with one of the following areas to strengthen Stevens' new research initiative in

microchemical systems: (1) Actuation and control for microchemical systems. (2) Combinatorial reaction in microchannel environments. Consideration of applicants will begin on September 1, 2001, and will continue until the positions are filled. Applicants should submit a curriculum vitae with a plan of research and be prepared to arrange for three letters of reference to: Prof. W. Y. Lee, Department Director, Department of Chemical, Biochemical, and Materials Engineering, Stevens Institute of Technology, Burchard Building 308, Castle Point on Hudson, Hoboken, New Jersey 07030.

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



The Department of Chemical Engineering invites applications and nominations for the Lowell E. and Betty L. Anderson Professorship of Engineering. The successful candidate will be a distinguished individual with an outstanding record of research and educational accomplishments. The appointment will be at a rank of full professor with tenure. Individuals who will be eligible for immediate promotion to full professor will also be considered. The candidate must have a Ph.D. (or equivalent) in chemical engineering (or other closely related field), have a record of significant publications, a history of external funding for research, significant experience in graduate education, and have an outstanding reputation in the field of specialty. Applicants must have demonstrated a strong commitment to excellence in undergraduate and graduate education.

The department will be moving into a new 133,000 sq. ft. building, Othmer Hall, in May 2002. The successful candidates will have the opportunity to design their research laboratory and influence future directions of the department. The new building will be state-of-the-art with respect to teaching facilities and research laboratories. The position is open with respect to research area. However, the UNL College of Engineering has identified four areas of emphasis for the future: bioengineering (biomedical and biochemical), material science/nanotechnology, sensors, and simulation. Candidates with accomplishments in these areas are especially encouraged to apply.

Starting date for this position is expected to be Fall 2002, but can be as early as January 2002. Screening of applications will begin November 30, 2001 and will continue until the position is filled. Information on the department can be found at <http://che.unl.edu/>. Send a letter of application, curriculum vitae, names and contact information of at least five references, and statements of research and teaching interests and plans to: James M. Eakman, Chair; Department of Chemical Engineering; University of Nebraska - Lincoln; Lincoln, Nebraska 68588-0126.

The University of Nebraska - Lincoln is committed to a pluralistic campus community through Affirmative Action and Equal Opportunity and is responsive to the needs of dual career couples. If you require a reasonable accommodation in order to apply or interview for this position, please contact James M. Eakman 402-472-2750.

October, 2001. Applications received prior to December 31, 2001 will receive full consideration. The University of Wisconsin is an equal opportunity/Affirmative action employer.

**Chair Department of Chemical and Petroleum Engineering, University of Pittsburgh.** The Department of Chemical and Petroleum Engineering at the University of Pittsburgh is searching for a chair who has a strong academic background and is interested in an opportunity to build a top ranked department. The start date for this position is January or September 2002. We are seeking a vigorous, energetic leader who has strong leadership skills and values scholarship and research. The Department is looking for an individual with vision who can implement and inspire innovative programs and continue to support the excellent research record of the faculty. The Department chair must have a scholarly background that will support an appointment as a full professor with tenure. This search is focused on external candidates. The Department of Chemical and Petroleum Engineering currently has 13 tenure stream and research faculty. The Department offers BS, MS and Ph.D. degrees in Chemical Engineering and a MS degree in Petroleum Engineering. It has approximately 185 undergraduate and 70 graduate students. Strong research thrusts in thermodynamics; fluid mechanics; energy; catalysis; mass and momentum transfer; unit operations; process dynamics and control; chemical reaction engineering; petroleum reservoir engineering; polymerization

engineering; enhanced recovery of oil; biotechnology; environmental processes; computational thermodynamics; statistical mechanics; molecular modeling and solids transport. The Department is well equipped with laboratories that will serve to tackle a wide range of scientific problems. The Department is one of nine programs in the School of Engineering. The other programs are: Bioengineering, Civil, Computer (Administered with Electrical), Electrical, Engineering Physics, Industrial, Materials Science and Engineering and Mechanical Engineering. The Departmental faculty currently has funding through government and industry, but there are significant opportunities to develop and expand these relationships. The Department has a tradition of excellence in education. We will begin reviewing applications in Mid-October. Applications or nominations should be received by this time. However, we will accept applications to January 1, 2002. Please send a resume and names of three references to: Dr. Minking Chyu, Chair, Chemical and Petroleum Engineering Search Committee, 240 Benedum Engineering Hall, University of Pittsburgh, Pittsburgh, PA 15261 or E-mail to: [donaldson@engr.pitt.edu](mailto:donaldson@engr.pitt.edu) The University of Pittsburgh is an affirmative action, equal opportunity employer.

**OHIO EMINENT SCHOLAR CHAIR IN NANOTECHNOLOGY** at The Ohio State University. The state of Ohio has awarded a very prestigious Ohio Eminent Scholar Chair in Nanotechnology to The Ohio State University. The chair will be housed primarily in the Department of Chemical Engineering, but the holder of the chair will have connections to the interdisciplinary Center for Materials Research and other departments within the university. We seek applications from highly distinguished scholars whose work has been influential in applying molecular science and technology to chemical or biochemical systems at the nanoscale level. Applicants should submit a detailed curriculum vitae, names and addresses of four references, and a statement of teaching and research interests to: Professor **Martin Feinberg**, Department of Chemical Engineering, The Ohio State University, 140 West 19<sup>th</sup> Avenue, Columbus, Ohio 43210-1180. **Phone:** 614/688-4883, **Fax:** 614/292-9271, **Email:** [feinberg.14@ohio-state.edu](mailto:feinberg.14@ohio-state.edu). The Ohio State University is an Equal Opportunity/Affirmative Action Employer.

**UCLA CHEMICAL ENGINEERING DEPARTMENT** is seeking applicants for a faculty position effective 2002/2003 academic year. Candidates must have a PhD degree in chemical engineering or a related field, and be able to teach undergraduate and graduate courses and direct MS and PhD theses. All ranks will be considered and the research area is open. At the assistant professor level we are looking for candidates with distinguished academic records, who will develop imaginative research and teaching programs, and



will become future leaders in the profession. Associate and full professor candidates should be nationally recognized for their accomplishments. Resumes, reprints of selected publications, a statement of research plans and a list of four references should be forwarded to: Professor Vasilios Manousioulakis, Chair, Faculty Search Committee, Chemical Engineering Department, UCLA, 5531 Boelter Hall, Los Angeles, CA 900951592. UCLA is an equal opportunity employer.

**University of Notre Dame, Chemical Engineering Faculty Openings.** The Department of Chemical 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 show potential for development of an outstanding research program and possess a strong commitment to graduate and undergraduate education. The chemical engineering faculty at Notre Dame collaborates extensively both inside and outside the department and thus applicants should expect to benefit from and contribute to these activities that include the Center for Molecularly Engineered Materials, Center for Environmental Science and Technology and the Center for Transgene Research. Bioengineering or advanced materials are field of particular interest, but outstanding candidates in other areas will be given full consideration. 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 Engineering, 182

Fitzpatrick Hall, University of Notre Dame, Notre Dame, Indiana 46556-5637. Notre Dame is an equal opportunity/affirmative action employer.

**Faculty Openings, Chemical Engineering University of Pittsburgh. The Department:** Is in an expansion mode. Has been characterized as a "Rising Star." Nationally Recognized Programs in: Catalysis, Polymer Science, Bioengineering, Multi-Scale Modeling. Active Collaboration with the University of Pittsburgh Medical Center (ranked 16<sup>th</sup> in the Nation), through: Pittsburgh Tissue Engineering Initiative, McGowan Institute for Regenerative Medicine. **The Positions:** Interest in faculty who can effectively interface between departmental expertise and leverage the current capabilities with the incoming faculty's expertise. Areas of interest include Tissue Engineering, Materials, Catalysis and strong candidates in other areas. **The Pittsburgh Community:** Consistently Ranked as one of the Most Livable Cities (High Quality of Life, Low Cost of Living). One of the Hottest High Tech Areas in America (by WSJ). Ranks 7<sup>th</sup> Nationally in the Number of Fortune 500 Headquarters and the Department Receives Substantial Support from the Local Industrial Community. **To Apply:** Please submit your CV, names of three references, research and teaching plans to: Search Committee, Chemical Engineering Department, 1249 Benedum Hall, University of Pittsburgh, Pittsburgh, PA 15261. Application will be accepted until 1/31/02. The University of Pittsburgh is an affirmative action, equal opportunity institution.



## DISTANCE LEARNING MANAGER

The American Institute of Chemical Engineers (AIChE) has an exciting opportunity for an entrepreneurial professional to build a new, profitable computer based training product line within our existing, highly reputable Educational Services Division. In this key role within the organization, the ideal candidate will identify, develop and manage appropriate topics to be transmitted via CD-Rom and worldwide web/distance learning ventures. Essential criteria for success include: BS (pref. Chem E), previous business development experience, knowledge of on-line courses and products, exceptional computer skills, ability to implement successful marketing strategies, excellent interpersonal skills. Preferred qualifications include a Master's Degree, and multi-lingual capabilities (French/Spanish).

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The American Institute of Chemical Engineers (AIChE) has an opportunity for a full-time project manager to join our Technical Conference Programming Group. This position is key to maintaining AIChE's role as the premier source of technical information to the chemical engineering community and beyond. Responsibilities will focus on enhancing our existing, impressive technical conference complement. The Project Manager will coordinate all aspects of specified technical programming endeavors such as conferences, venture development, task force facilitation, etc.

The ideal candidate will utilize superior interpersonal and organization skills to direct the activities of our valued volunteer leaders toward achieving organizational goals. Additional requirements include: 10+ years of technical management experience, BS in engineering (ChE preferred but not required), excellent communication skills and ability to initiate innovate programs and manage projects to completion. Master's degree and computer proficiency preferred. This position offers a moderate level of business travel.

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**TENURE-TRACK FACULTY POSITION,** 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 at the assistant (tenure track), associate or full (tenure track or tenured) professor level. Assistant professor candidates should have a distinguished academic record, including Ph.D., 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 related fields. Associate and full professor candidates should have documented research experience with a proven publication record and teaching experience. Send a complete CV including a list of publications, three references, and a brief (200-500 word) description of research goals to Chemical Engineering Search Committee Chair, 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 application will begin on December 1, 2001 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 2002. The University of Minnesota is an equal opportunity educator and employer.

**CLARKSON UNIVERSITY, CHEMICAL ENGINEERING, POSITION VACANCY:** The Department of Chemical Engineering at Clarkson University invites applications for tenure-track positions available immediately. Salary and rank will be commensurate with qualifications and experience. For exceptional candidates, an endowed chair could be available. The Department seeks individuals who possess an outstanding academic record and have demonstrated commitment to excellence in undergraduate and graduate education, and are capable of establishing a strong international reputation for their research program. Applicants should possess a Ph.D. in Chemical Engineering or a closely

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