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ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL ENGINEERING AT IOWA STATE UNIVERSITY

(http://www.iastate.edu/~ch_e/) has an opening for a Lecturer beginning August 2003. Primary duties will be to teach the undergraduate laboratory courses, including supervision of a Laboratory Associate and teaching assistants. Additional assignments, subject to student load in the laboratory, could include teaching of other undergraduate courses appropriate to the candidate's expertise, participation in department service, and advising. Applicants preferring a part-time appointment to teach only the laboratory courses will be considered. Lecturer positions are renewable term appointments as faculty with full benefits. Required qualifications: PhD in ChE or an MS Degree in ChE plus appropriate practical experience. Preferred qualifications: PhD in Chemical Engineering and appropriate practical experience. Salary commensurate with qualifications. Resume with three references should be sent to Professor Dean Ulrichson, Department of Chemical Engineering, Iowa State University, 2114 Sweeney Hall, Ames, IA 50011-2230. To guarantee consideration, application must be received by April 1, 2003. Iowa State University is an Equal Opportunity/Affirmative Action Employer.

CATHOLIC UNIVERSITY OF AMERICA - VITREOUS STATE LABORATORY, DEVELOPMENT ENGINEER (CHEMICAL), WASHINGTON, DC. JOB DESCRIPTION:

The successful candidate will participate in research, development, and operation of pilot processes and installations related to the vitrification of nuclear wastes. Primary involvement will be in process measurement and analysis of emissions control systems. Responsibilities include: 1. experimental design, test methodology development and field implementation; 2. verification of quality and adequacy of experimental data being acquired; 3. analysis and reduction of experimental data to reportable form; 4. report writing and review. Experience/Education: M.Sc or Ph.D. in chemical engineering or related discipline with minimum of 3 years of post-M.Sc. or 1 year of post-doctoral job experience. Hands-on experience with multiphase flow and transport phenomena in chemical processes; experience in dynamic modeling; working knowledge and expertise in modern flow measurement techniques and signal processing would be beneficial. Strong technical writing skills and excellent written/ verbal communication and interpersonal skills are essential for this position. Candidates with industrial R&D experience are preferred. Contact Information: Ms. Carol Matlack, (202) 319-5549, carolm@vsl.cua.edu. EOE

University of California Lawrence Livermore National Laboratory

POSTDOCTORAL FELLOWSHIP Chemistry and Materials Science

The Chemistry and Materials Science Directorate at Lawrence Livermore National Laboratory (LLNL) has recently established the prestigious Harold C. Graboske, Jr. Postdoctoral Fellowship for excellence in scientific research within all areas of chemistry and materials science. The Chemistry and Materials Science Directorate at LLNL is composed of a scientific and technical staff of 450 researchers with broad research interests in materials science and technology; analytical, synthesis, and nuclear chemistry; biochemistry; and chemical engineering. The fellowship will be awarded to the candidate demonstrating exceptional talent, scientific track record, and potential for significant achievement in the broadly defined areas of chemistry, chemical biology, and materials science with particular interest in the strategic areas of functional nanoscience and nanotechnology; organic and inorganic chemical and materials synthesis; chemical biology and biological mass spectrometry; fundamental actinide chemistry and metallurgy; advanced optical materials; laser-materials interactions; dynamical behavior of materials under extreme conditions; and advanced, carbon-free, energy production including nuclear energy, solid-oxide fuel cells, and clean carbon technologies. The fellow will be afforded the opportunity to choose a topic of original research within the directorate and will be encouraged to collaborate with scientific staff across the laboratory.

The fellowship will be limited to a two-year term, and to be eligible for consideration, applicants must have received their Ph.D. degree in a related discipline within five years of application. Interested individuals should submit a complete CV with a statement of research interests and a list of three references to: Dr. A. Arsenlis, C&MS Postdoctoral Program, Lawrence Livermore National Laboratory, L-371, P.O. Box 808, Livermore, CA 94551. When applying please reference source code # AJEP313CH. We are proud to be an equal opportunity employer with a commitment to workforce diversity.

The deadline for submitting applications is March 31, 2003

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FACULTY POSITION IN BIOMEDICAL ENGINEERING

The College of Engineering and Information Technology at the University of South Carolina invites applications for faculty positions at all ranks for a new program in Biomedical Engineering. In particular, we are seeking faculty candidates with Biomedical Engineering research interests for the Departments of Chemical and Mechanical Engineering. Successful applicants are expected to establish an externally-funded high-quality research program and work closely with the Clinical Orthopedic faculty in the School of Medicine. They are also expected to develop courses for a new graduate degree program in Biomedical Engineering and supervise research projects by orthopedic residents. An existing endowment will support all research interactions with the Department of Orthopedics.

Applicants should send curriculum vitae, a statement of research and teaching plans, and names of three references to: Biomedical Engineering Search Committee, c/o Professor William Ranson, College of Engineering and Information Technology, University of South Carolina, Columbia, SC 29208, or e-mail their packages to: ranson@enr.sc.edu. The University of South Carolina is an affirmative action, equal opportunity employer.

THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

The University invites applications and nominations for the post of:

DEAN OF ENGINEERING

The HKUST School of Engineering, the largest School of the University, currently enrolls about 38% of the University's 5,600 undergraduate students and 49% of 1,400 postgraduate students. It comprises six departments: Chemical Engineering, Civil Engineering, Computer Science, Electrical & Electronic Engineering, Industrial Engineering & Engineering Management, and Mechanical Engineering.

The Dean is an executive and full-time appointment, and is a member of the senior administrative team of the University. The appointee is expected to play a leading role in effecting the academic objectives of the School, and guiding the School in its diverse activities including program developments, research directions, and industrial partnerships and linkages. Applicants should be established scholars with relevant administrative experience.

Salary will be very competitive with generous benefits. A gratuity will be payable upon successful completion of the contract. Concurrent with a professorial appointment, the initial appointment as Dean will normally be for a term of 3 years.

Applications/Nominations together with a

curriculum vitae, and names and addresses of three referees should be sent to the Chairman of the Search Committee for Dean of Engineering, c/o Personnel Office, HKUST, Clear Water Bay, Kowloon, Hong Kong [fax no. (852) 2358 0700] on or before Monday, 31 March 2003. All applications and nominations will be treated in strict confidence. More information about the University is available on the website <www.ust.hk>.



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THE UNIVERSITY OF WESTERN ONTARIO, A TENURE TRACK POSITION AT ASSISTANT PROFESSOR LEVEL, DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING. LONDON ONTARIO

Applications are invited for a tenure-track (probationary) position at the Assistant Professor level in the Department of Chemical and Biochemical Engineering. Chemical and Biochemical Engineering at Western has strong research interests in Chemical Reaction Engineering, Fluidization, Polymerization, Biochemical Engineering, Environmental Engineering, Biomaterials Engineering, Industrial Crystallization and Process Control. The successful candidate should have a PhD in chemical engineering or a related discipline with a background in **reaction engineering** and/or **synthesis and handling of pharmaceuticals**. Strong candidates in related areas will also be considered. Industrial experience is very desirable. Applicants should have a distinguished research record, excellent communication and teaching skills, and be eligible for registration as a professional engineer in Ontario. Past research and/or teaching experience will be an important consideration in the selection of the successful candidate.

The new faculty member is expected to establish an independent research program, as well as seek collaborative opportunities within and across Departments. The individual will also be expected to teach undergraduate and graduate engineering courses, and supervise graduate students.

Interested applicants should forward their curriculum vitae, a statement on their research and teaching vision, and the names of three referees to:

Prof. S. Rohani, Chair
Department of Chemical and Biochemical Engineering
Faculty of Engineering
The University of Western Ontario
London, Ontario, N6A 5B9

The deadline for the receipt of the application is May 31, 2003 or until the position is filled for an appointment as of July 1, 2003 (or as soon as possible thereafter).

This position is subject to budget approval. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

GEORGIA INSTITUTE OF TECHNOLOGY

Nominations and applications are sought for the Gossage Chair in Chemical Engineering. Candidates should be interested in both undergraduate and graduate education and have research interests and significant accomplishments. Candidates from academia, industry or national labs are encouraged to apply. Information about the School of Chemical Engineering and links to other activities at Georgia Tech can be located at the website: www.che.gatech.edu. Search committee review of credentials will begin immediately, but nominations and applications will be accepted for consideration until the position is filled.

A resume, names and addresses of references, and a statement of research interests should be submitted to Ronald W. Rousseau, Professor and Chair, School of Chemical Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0100.

Georgia Tech is an equal opportunity employer and a unit of the University system of Georgia.

LEHIGH UNIVERSITY

The Department of Chemical Engineering at Lehigh University seeks applications for two open positions at the level of Assistant Professor of Chemical Engineering with a preferred starting date of August 2003. All areas are open; however, we are particularly interested in candidates with research interests in biotechnology, materials, polymers, interfaces and nanotechnology. The campus has strong interdisciplinary and interdepartmental groups in all of these areas. The successful candidate will be expected to develop a strong research program and to engage in enthusiastic teaching of undergraduate and graduate students in chemical engineering.

Candidates should send a curriculum vitae, including a graduate transcript, a detailed statement of research and teaching plans, and the names and addresses of four (4) references to:

Professor Anthony J. McHugh
Chair of Search Committee
Department of Chemical Engineering
Lehigh University
111 Research Drive
Bethlehem, PA 18015

Search committee review of credentials will begin immediately; however, applications will be accepted for consideration until the position is filled.

For more information on our department consult our home page at: <http://www3.lehigh.edu/engineering/cheme>
Lehigh University is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.



Akzo Nobel, headquartered in The Netherlands, is a multinational company with over 68,000 employees in 75 countries. We are one of the world's largest chemical companies with activities organized into more than twenty business units. Operating close to the market, these businesses function as independent international organizations. Working at Akzo Nobel means a career in a highly developed technological enterprise with activities in chemicals, coatings and healthcare products.

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Qualified candidates should send a resume in confidence with both salary history and requirements to the address/email or fax below.

Please include the following code in correspondence for this opening: HS01-03.

Akzo Nobel Catalysts LLC
Human Resources
13000 Bay Park Road
Pasadena, TX 77507
Email: hr.catalystsna@akzo-nobel.com
Fax: 281-474-0351

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UNIVERSITY OF MINNESOTA-DULUTH, THE DEPARTMENT OF CHEMICAL ENGINEERING, TENURE-TRACK FACULTY POSITION

The University of Minnesota-Duluth is seeking a full-time (nine-month) tenure-track faculty member at the assistant professor level, although exceptional candidates with a decade or more of industrial and/or academic experience will be considered for the associate rank. The position has an affiliate appointment in the College of Pharmacy at the Twin Cities Campus. The successful candidate must have a BS in Chemical Engineering, an earned doctorate in Chemical Engineering or closely related field, and be able to teach core undergraduate chemical engineering courses and laboratories and drug delivery in the Pharmaceutics curriculum. The primary mission of the department being quality undergraduate education, excellent communication skills in a candidate is a must.

Scholarly activity is highly valued and is required by our campus and departmental missions. The research area is open. Further information about the position and the department/university is available at our web site, www.d.umn.edu/che.

Completed applications must include a letter of application, a curriculum vita, a statement of teaching interests and research plan, and contact information for three professional references. Send completed applications to: Chemical Engineering Search Committee, Department of Chemical Engineering, University of Minnesota Duluth, 1303 Ordean Court, Duluth, MN 55812. Review of complete applications will begin February 21, 2003, and will continue until the position is filled. The University of Minnesota is an equal opportunity educator and employer.



**BIOFUELS RESEARCH ENGINEERS
AGRICULTURAL/CHEMICAL ENGINEER (ARS-X2E-2232R)
CHEMICAL ENGINEER (ARS-X3E-3037)**

The Crop Conversion Science & Engineering Research Unit, Eastern Regional Research Center, Wyndmoor, PA, has immediate openings for 2 permanent full-time research positions to conduct pioneering process engineering research on fuel ethanol production. These positions will complement a dynamic research team made up of chemists and engineers working in state-of-the-art facilities. The overall goal is to discover new knowledge and develop new processes to make affordable fuel ethanol from renewable agricultural resources. The successful candidates will develop new processes that will result in lower costs for fuel ethanol production from grains and lignocellulosic substrates such as corn stover and fiber. To qualify, candidates must be U.S. citizens. Candidates must have a degree in the appropriate field of engineering. A Ph.D. is desirable. Salary is commensurate with experience (\$57,746 to \$89,272 for X2E-2232R and \$66,668 to \$124,086 for X3E-3037). The Center is located on an attractive 27-acre campus just outside of Philadelphia, in Wyndmoor, Pennsylvania. It has over 250 scientists, engineers, and support staff working in diverse areas of postharvest agricultural research. Employees enjoy a flexible work schedule and have access to state-of-the-art instrumentation, newly renovated laboratories and engineering pilot plants, a computer center, library and generous base research funding. Candidate's education and experience will be evaluated against factors outlined under Specialized Experience and Selective Placement Factors as described in the vacancy announcement. Complete information about the vacancies including application forms and applications instructions can be found at our job website: <http://www.arserrc.gov/www/Jobs.htm>. For technical information about the position contact K. Hicks (khicks@arserrc.gov). **Applications must be marked with the vacancy announcement number (ARS-X2E-2232R or ARS-X3E-3037 and postmarked by 03/31/2003).**

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UNIVERSITY OF CONNECTICUT, DEPARTMENT OF CHEMICAL ENGINEERING. CONNECTICUT GLOBAL FUEL CELL CENTER

Endowed Chair in PEM Fuel Cell Technology

The Connecticut Global Fuel Cell Center at the School of Engineering, University of Connecticut invites applications and nominations for an Endowed Chair Professor position. The faculty member will conduct visionary research in the general area of Proton Exchange Membrane fuel cell technology.

The Center (www.ctfuelcell.uconn.edu) was recently established and is housed in a new, 16,000 sq. ft. facility located at the Storrs campus. The mission of the Center is to become the world's premier academic resource for research and development in fuel cell technologies. Applicants must have a Ph.D., as well as a distinguished record of research relevant to PEM fuel cell technology. Academic appointment will be at the rank of full professor in the Department of Chemical Engineering (www.engr.uconn.edu/che/).

A primary component of the Center's structure is the establishment of 6 endowed chair positions; each affiliated with a \$1 million endowment (\$6 million total). The Chaired Professors will have discretionary authority to expend the proceeds of the endowment to advance the research, educational, and outreach activities in the field. The first two Chair Professor positions have been filled by individuals recently recruited to Connecticut.

The School of Engineering includes 110 faculty members, 1,300 undergraduate and 400 graduate students. Since 1999, 17 new endowed faculty positions have been established within the School. For more information, please visit www.engr.uconn.edu. The University is located in scenic Northeast Connecticut, an area that is rich with private sector fuel cell related research and development activity. The University is consistently ranked as the top public university in New England, is one of the former Research I universities, and is in the midst of a multi-year, state-funded \$2.3 billion initiative to expand the research and teaching infrastructure.

Applications, including a curriculum vitae along with the contact information of at least five references should be sent to: Prof. Theodore Bergman, Department of Mechanical Engineering, 191 Auditorium Road, Unit 3139, University of Connecticut, Storrs, CT 06269-3139. Review of applications will begin immediately, and will continue until the position is filled. Direct inquiries to: tberg@engr.uconn.edu. The University of Connecticut encourages under-represented groups to apply for this position.

NEW JERSEY INSTITUTE OF TECHNOLOGY ASSISTANT/ASSOCIATE PROFESSOR - CHEMICAL ENGINEERING

The Otto H. York Department of Chemical Engineering at New Jersey Institute of Technology (NJIT) invites applications and/or nominations for a tenure-track faculty position at open rank. A doctorate in chemical engineering or closely related field required. The ideal candidate will have research interests & expertise in areas related to pharmaceutical engineering applications (e.g., crystallization, separations, nanotechnology, powder processing, drug delivery systems, formulation, novel catalysis & microreactors). The successful candidate is expected to develop a vigorous & externally funded research program & teach chemical & pharmaceutical engineering courses at both undergraduate & graduate levels. Rank will be commensurate with experience & prior track record. The university reserves the right to substitute equivalent education and/or experience at its discretion. Applicants should submit a copy of their curriculum vitae, a statement of research plans & teaching philosophy & names of 4 references to: New Jersey Institute of Technology, attn: Personnel Box AAP-CE, University Heights, Newark, NJ 07102-1982. Applications will be accepted until a suitable candidate is found. Women & minority candidates are encouraged to apply. NJIT is an equal opportunity/affirmative action 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 fields 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.

CASE WESTERN RESERVE UNIVERSITY, ENDOWED CHAIR - CHEMICAL ENGINEERING

The Department of Chemical Engineering of Case Western Reserve University is pleased to announce the establishment of the C. Benson Branch Professorship in Chemical Engineering. This endowed professorship, made possible through the support of the Gerstaker and the Towsley Foundations, is open to individuals who have an established research record in the area of molecular-level modeling with applications to mixing, mass and energy transfer, or reaction kinetics. An emphasis on polymer structures and materials is preferred.

Interested candidates should send application materials (curriculum vitae, descriptions of research and teaching interests, and a list of references) to: Branch Professorship Search Committee, Department of Chemical Engineering, Case Western Reserve University, Cleveland OH 44106-7217. Inquiries for further information should be directed to Prof. Donald L. Feke (dlf4@po.cwru.edu). Case Western Reserve University is an Affirmative Action/ Equal Opportunity employer. Applications from women and under-represented minorities are encouraged.

UNIVERSITY OF NEBRASKA-LINCOLN, CHEMICAL ENGINEERING DEPARTMENT, DEPARTMENT CHAIR

The University of Nebraska-Lincoln seeks nominations for and applications from innovative and dynamic individuals for the position of the Department Chair of Chemical Engineering. The successful candidate will be expected to lead the department to national and international prominence in chemical engineering education and research. Applicants must possess demonstrated ability for academic administration, leadership, and team building. Applicants must possess a strong record of professional activities, commitment to undergraduate education, and academic scholarship. Applicants must have strong interpersonal skills and effective communication skills.

The department offers B.S., M.S. and Ph.D. degrees in chemical engineering with approximately 150 undergraduate and graduate students in a recently constructed state-of-the-art research Donald F. Othmer building of chemical engineering and instructional facility.

The successful candidate must have an earned Ph.D. in chemical engineering or allied field. It is preferred that applicants be eligible for the rank of Professor of Chemical Engineering with tenure. Some industrial experience and eligible for or registered as a professional engineer are desirable. It is anticipated that successful candidate will start July 1, 2003. Applications must include current curriculum vitae, statement of interest and vision, evidence of academic, administrative and leadership experience, and contact information for five references. Screening of applicants will begin

March 3, 2003 and applications will be accepted until the position is filled.

Application and nominations should be sent to:

Dr. Michael W. Riley, Search Committee Chair, 175 Nebraska Hall, University of Nebraska-Lincoln, Lincoln, Nebraska 68588-0518. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the need of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act; contact Michael W. Riley at (402) 472-3495 for assistance.

POSTDOCTORAL POLYMER PROCESSING RESEARCHER

A postdoctoral position in polymer processing and blends is currently available. The position requires a Ph.D. in chemical engineering or mechanical engineering, or a closely related discipline. The ideal candidate will have expertise in polymer processing, rheology, electron microscopy, thermal analysis, and mechanical property testing. Abilities to communicate in writing and work in a team environment with minimal supervision are important attributes. Resumes will be accepted until the position is filled; however, to be assured full consideration, applications must be received by May 1, 2003. Send resume, including names and contact information of three references, to Dr. David A. Zumbrunnen, Dept. of Mechanical Engineering, 214 Fluor Daniel Building, Clemson University, Clemson, SC 29634-0921, zdavid@ces.clemson.edu. Clemson University is an Equal Opportunity, Affirmative Action employer.

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