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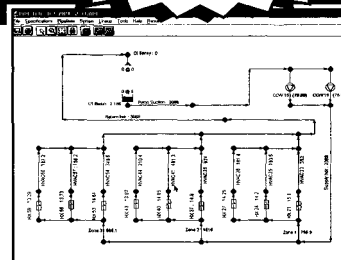
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## Classified Listings



### POSITIONS AVAILABLE

**Chemical Engineer:** Manhattan KS water purification analysis and engineering firm seeks chemical engineer to participate in water treatment design and optimization, waste minimization analysis, & hazardous waste remediation. Work in HazMat safety gear for extended periods & 75% travel outside area. BS chemical engineering and reliable transportation reqd. Resume to: M. O'Hare, 7700 Clayton Rd. Ste 210, Richmond Heights, MO 63117.

**Senior Scientist (Chemical Engineer – scale-up) 01-18330:** Applied Biosystems develops, markets and supports systems consisting of instruments, reagents and software that are used in basic life science research, pharmaceutical research and development, diagnostics, forensics and food testing. With sales of \$1.6 billion in its 2001 fiscal year and systems in over 32,000 laboratories in over 100 countries, Applied Biosystems has had a broad impact on the evolution of biology in the last 17 years. As a member of a development team, provide hands-on chemical engineering assistance in the development and scale-up of new capillary electrophoresis reagents, from the bench scale to the pilot and manufacturing scale. (water born polymers) Responsible for the development of manufacturing procedures and documentation. Assist in the day-to-day operation of a polymer manufacturing facility. Responsible for overseeing/performing routine maintenance of critical equipment and upgrading such equipment to the required state-of-the-art. BS or MS in Chemical Engineering and 1-3 years of industrial experience. Hands-on familiarity with the engineering requirements for free-radical polymerization reactions. Familiarity with standard-configuration batch reactors is a must. Excellent oral and written communication skills are a must. Applied Biosystems supports diversity in the workplace. Email resumes to: [rossln@appliedbiosystems.com](mailto:rossln@appliedbiosystems.com)

**Mincepa Incorporated: Position:** Technical sales Engineer. **Location:** To be station in Eastern China. **Requirements:** ChE, Chemical or Engineering Degree. Fluent in English and Mandarin Chinese. Proven track record in technical sales-3 plus years. Willing to live and travel within China. Experience in supplying to paper industry a plus. Please send resume to: Mincepa Incorporated, 5755 Jean road No. 202, Lake Oswego, Oregon 97035.

**CHIEF OPERATING OFFICER - U.S. CHEMICAL SAFETY AND HAZARD INVESTIGATION BOARD.** Immediate opening for a full-time, permanent Senior Executive Service Chief Operating Officer (COO) located in Washington, DC, opening December 1, 2001. Base salary range \$120-133K. If appropriate, relocation expenses will be paid. The Board is an independent government agency whose mission is the prevention of major chemical accidents at fixed facilities. The COO functions as the principal operating management official, directing all management functions of the agency; oversees all substantive investigation and safety mission-related programs; public/government affairs and outreach; as well as functions as the chief financial officer and chief information officer of the agency. All applicants must apply under the federal job competitive procedures listed in the official vacancy announcement. Interested applicants must obtain a copy of the vacancy announcement by visiting the Chemical Safety and Hazard Investigation Board (CSB) website at [www.csb.gov](http://www.csb.gov) or the Office of Personnel Management website at [www.usajobs.opm.gov](http://www.usajobs.opm.gov). If you do not have Internet access, please call Ms. Brenda Cooper at (304) 480-7658 to obtain a copy of the vacancy announcement. Individuals requiring TDD assistance call (304) 480-7755. The CSB is an equal employment opportunity and reasonable accommodations employer.

**ATTENTION: ENGINEERS, NO TIME TO GET AHEAD?** Engineer reveals method to make extra \$1000's monthly with little time effort! FREE REPORT call 877-501-6852 then press 1 for 24hr recording, or email to [katiopub@earnware.net](mailto:katiopub@earnware.net)



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**Senior Engineer:** Velsicol Chemical Corporation has an excellent career opportunity for a Senior Engineer with project management skills and experience. Responsibilities include conceptual and detailed design of engineering assignments, cost estimation, equipment sizing/selection, process control design, and economic evaluations. Additional responsibilities include writing of operating procedures, operator training, construction management and startup. Requirements: BS in Chemical Engineering; 5 years relevant experience (preferably in the chemical process industry), excellent interpersonal and problem solving skills. This position involves periods of extended travel in the US and abroad. Please submit your resume with salary requirements to: Velsicol Chemical Corp., 4902 Central Ave., Chattanooga, TN 37409. Fax: 423 825-8233. [chattanoogajobs@velsicol.com](mailto:chattanoogajobs@velsicol.com) (If applying via E-mail please write in the subject line your name and the code SE-1). To learn more about Velsicol Chemical Corp. visit [www.velsicol.com](http://www.velsicol.com) Equal Opportunity Employer. M/F/D/V

**Associate Engineer:** Are you interested in: A high visibility position with an opportunity to grow? Exposure to a wide range of technologies, experiences and cultures? Velsicol's corporate engineering group plays a vital part in the corporation's success. The group is looking for an associate engineer that has significant process engineering skills and is capable of providing engineering technology leadership to a variety of process development and engineering projects. You will be responsible for product commercialization and will lead and/or participate in multidisciplinary

project teams for process improvement projects. Requirements: BS in Chemical Engineering; organic chemical processing experience; 5-10 years of experience; demonstrated record of successful new product introduction; excellent problem solving and interpersonal skills. Please submit your resumé with salary requirements to: Velsicol Chemical Corp., 4902 Central Ave., Chattanooga, TN 37409. Fax: 423 825-8233. [chattanoogajobs@velsicol.com](mailto:chattanoogajobs@velsicol.com) (If applying via E-mail please write in the subject line your name and the code AE-1) To learn more about Velsicol Chemical Corp. visit [www.velsicol.com](http://www.velsicol.com) Equal Opportunity Employer. M/F/D/V

## ACADEMIC OPENINGS

**ASSISTANT PROFESSOR. THE DEPARTMENT OF CHEMICAL ENGINEERING AT CLEMSON UNIVERSITY** seeks an outstanding individual to fill a tenure-track position at the Assistant Professor level, although highly qualified candidates will be considered for higher levels. Applicants should have a Ph.D. in chemical engineering or related field and a balanced interest in research and teaching. The research specialization is open, but candidates in bioengineering are especially encouraged to apply. Applicants should submit a resume, a statement of teaching and research interests, and names and addresses of three references to the Faculty Search Committee, Department of Chemical Engineering, Clemson University, Clemson, SC 29634-0909. Review of applications will begin on October 31, 2001 and continue until the position is filled. Information about the department is available at <http://www.ces.clemson.edu/chemeng/>. Clemson is the land grant university of South Carolina and is an equal opportunity/affirmative action employer.

## INTERESTED IN PARTICIPATING IN A SUB-COMMITTEE ?

We are looking for new members for an ETPC subcommittee for Reverse Osmosis Systems.

The AIChE Equipment Testing Procedure Committee (ETPC) is recruiting new members to an existing subcommittee to write a testing procedure for reverse osmosis systems. The procedure will include spiral wound, hollow fiber, tubular, and plate and frame systems. The purpose of this procedure is to present methods of conducting and interpreting performance tests of operating reverse osmosis systems. Please contact **Dr. P. C. Gopalratnam (302) 999-4185** or **Mr. Charles Cummings (619) 695-3840**, if you would like to participate on this subcommittee.

The AIChE Equipment Testing Procedures are an accumulation of wisdom and knowledge based on academic theory, practical experience and technical know-how. These procedures are an integral part of the knowledge base of our profession. We have published over a dozen such procedures on various equipment used routinely in the chemical industry.

## THE POLYTECHNIC UNIVERSITY ANNOUNCES THE OPENING OF THE JOSEPH J. AND VIOLET J. JACOBS DISTINGUISHED CHAIR OF CHEMICAL ENGINEERING

The Polytechnic University, the second oldest private institution of science and technology in the United States, is delighted to issue a call for nominations and direct applications to the Joseph J. and Violet J. Jacobs Distinguished Chair of Chemical Engineering. We aim to attract to this chair, endowed with 2.5 million dollars, an individual with an internationally recognized record of research accomplishments in chemical engineering, preferably related to or overlapping with bioengineering. The desired candidate should have a strong interest in undergraduate and graduate education and the ability and energy to build a first class research activity at the Polytechnic University.

Polytechnic has just successfully finished a \$300 million capital campaign, which included a bequest of one hundred seventy-five million dollars by Donald F. Othmer, a Polytechnic Professor of Chemical Engineering, and his wife, Mildred Topp Othmer. The recruitment of a distinguished colleague to occupy the Jacobs chair is part of an effort to substantially strengthen the Chemical Engineering program and to assure that Polytechnic University is one of the premier private institutions in Engineering and the Sciences. The most recent addition to the faculty has been Professor Christos Georgakis who has been appointed to the Othmer Distinguished Chair and named Department Head effective January 1, 2002. For additional information visit: <http://chem.poly.edu>.

Nominations and/or applications should be sent to Professor Jovan Mijovic ([jmijovic@poly.edu](mailto:jmijovic@poly.edu)) or 718 260-3097), secretary, or to Professor Christos Georgakis ([cgeorgak@poly.edu](mailto:cgeorgak@poly.edu)) chair of the search committee. All applications and nominations related to this outstanding opportunity will be handled with the utmost discretion and confidentiality. Polytechnic University is an Affirmative Action/Equal Opportunity Employer.

**Biochemical/Biomedical Engineering at Yale:** The Department of Chemical Engineering at Yale University invites applications for an Assistant/Associate Professor position in Biotechnology starting July 1, 2002. This position is part of the ongoing initiative at Yale University to expand its interdisciplinary bioengineering program involving the School of Medicine as well as various engineering and science departments. Applicants should preferably have at least one degree in chemical engineering, and a Ph.D. focused on research in Biochemical/Biomedical Engineering. Candidates are expected to have a strong interest in research and demonstrated expertise in biomedical/biotechnological processes, preferably involving bioseparation. The successful candidate will be expected to teach undergraduate and graduate courses in Biomedical Engineering, Separation Processes, Biotechnology, and related chemical engineering sciences, and develop a creative and dynamic externally-funded research program. Preference will be given to applications received before January 31, 2002. Nominations and applications with a detailed resume, a description of research and teaching interests, and names and addresses of at least four references should be sent to: Biochemical Engineering Search Committee, Department of Chemical Engineering, Yale University, PO Box 208286, New Haven, CT 06520-8286. Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of minorities.

**COLUMBIA UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING:** The Department of Chemical Engineering announces a tenure track opening, to be filled at the assistant or associate professor level by September 2002. Applicants at the senior level will also be considered. A doctorate in chemical engineering or a related field is required, and postdoctoral experience is desirable. The Department seeks a biological engineer, with research interests in cellular/metabolic engineering, tissue engineering, biomaterials, genomics, protein engineering/interactions, biosensors, and artificial

organs or biophysics. Successful candidates are expected to develop research programs that build on existing institutional strengths, are collaborative, innovative, and capable of attracting external support. Columbia offers an attractive, collaborative environment for biological engineering research, including a Chemical Engineering Department with strong research efforts in soft materials; a new Biomedical Engineering Department, with research activities in cellular/metabolic engineering, biomechanics and medical imaging; a Genomics Research Center, with a joint appointment in Chemical Engineering, and a world-class research hospital. Candidates should submit a plan of research, statement of teaching objectives demonstrating an awareness of and commitment to chemical engineering education, three letters of recommendation, a curriculum vitae and several reprints of recent, noteworthy research publications. Reply by January 15, 2002, to Bio-Search Committee c/o Professor C.J. Durning, Vice Chair, Chemical Engineering, Columbia University, 500 West 120<sup>th</sup> street, MC 4721, New York, NY 10027. Columbia University is an equal opportunity, affirmative action employer. Women and minorities are encouraged to apply.

**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 Hariri, 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 M.S. RHIT is an EOE.



The Institute of High Performance Computing (IHPC), supported by the National Science & Technology Board (NSTB), is a premier research institute set up to enhance Singapore's global competitiveness through the innovative application of leading edge computational technology, methodology and resources for modelling, simulation and visualisation.

IHPC promotes the development and application of high performance computing technologies and undertakes upstream and use-inspired research across a broad range of disciplines. It has state-of-the-art computing facilities including a one-teraflops supercomputer and advanced software tools and methodologies to carry out cutting-edge research and create breakthroughs in industry applications.

## Computational Chemistry

Computational Chemistry is one of the core research areas undertaken by IHPC. The main objective of this research is to apply state-of-the-art computational tools to the design and analysis of materials, and their manufacturing processes. Density functional theory, molecular dynamics, artificial intelligence, thermodynamics and kinetics tools are used to investigate real systems that have significant impact on materials science, chemical engineering and bio-science. Some of the research work carried out by the team include designing new additives for galvanising, simulating polymer adhesion and modeling of plasma and chemical vapour deposition. With the growing importance of computational chemistry, IHPC is expanding its research to include studies on atomic resolution at orange medium, quantum computing materials, low emissive paint, functional alloys and pharmacokinetics/pharmacodynamics. We are looking for researchers with inquiring minds and a keen interest in computational chemistry to join us as:

## 1. Post-Doctoral Research Fellows (PDFs)

You will be involved in the simulation of nanomaterials and development of models/methodologies for drug study

### Eligibility

Applicants must be PhD Degree holders who have obtained their Degrees in Chemistry, Materials Science, Chemical Engineering or Computational Biological Science within the last three years. Experience in one of the following areas - first-principles calculations, materials design, thermodynamics and kinetics modelling, computing languages, as well as molecular dynamics and Monte Carlo simulations - is preferred.

### Application Details

Please submit a detailed resume, photocopies of your transcripts and names of two referees, together with the application form, quoting this reference number (CC-9-CEP) to:

Human Resource Manager

**Institute of High Performance Computing**

69C Science Park Drive #02-11/12 The Rutheford, Singapore Science Park 1, Singapore 118261, Republic of Singapore

Tel: (65) 7379 9245 Fax: (65) 7379 0522 E-mail: [recruitment@ihpc.nus.edu.sg](mailto:recruitment@ihpc.nus.edu.sg)

(Only shortlisted candidates will be notified)

## 2. IHPC Research Scholars

Applicants who are interested in pursuing a Masters Degree or PhD in the areas of modeling and simulation of chemical engineering processes and medical research are invited to apply for the IHPC Research Scholarship.

You will be engaged in the following research areas:

- Atomic simulation of nanomaterials
- Application of artificial intelligence in new materials design
- Thermodynamic/Kinetic modelling of phase equilibrium and phase transformations
- Computer-aided process control and optimisation
- Development of new simulation tools for medical research

### Eligibility

The IHPC Research Scholarship will be offered to applicants on condition of acceptance and enrolment in the MEng or PhD programme with either the National University of Singapore or the Nanyang Technological University. A good Bachelor's Degree with Honours (at least 2nd class upper or its equivalent) is required for applicant who are interested to enrol for the Masters or PhD programmes. Applicants who already hold a Masters Degree (by research) may apply for the PhD programme directly. Submission of TOEFL and GRE scores are required if your native tongue or medium of instruction is not English.

For more information about the IHPC Research Scholarship and PDF positions, please visit our website at <http://www.ihpc.nus.edu.sg>



**Chairperson, Department of Chemical Engineering: North Carolina A&T State University**—The Department of Chemical Engineering is seeking a new Department Chairperson with an anticipated start date of July 1, 2002. North Carolina A&T State University is a Historical Black University (HBCU). The Chemical Engineering Department was initiated in 1985 and the program is presently accredited by ABET. The department has 8 faculty, approximately 150 undergraduate students and 25 graduate students. Research expenditures exceeded \$1M for this past year. The

Candidate for Department Chairperson should have a PhD degree in Chemical Engineering and have demonstrated significant successes in teaching, sponsored research in Chemical Engineering, professional service and good leadership. Information about the Department and University can be found at <http://www.ncat.edu>. Applications must include a curriculum vita, a statement of the candidate's academic and administrative philosophy and the names and addresses of five references. Applications, nominations, and inquiries should be addressed to

Professor M. Reza Salami, Associate Dean for Graduate and Research Programs, Chair of Chemical Engineering Chairperson Search Committee, College of Engineering, NC A&T State University, Greensboro, NC 27411. Review of the applications will begin on March 1, 2002, and continued until the position is filled. You will be given full consideration before March 2, 2002. NC A&T State University is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

**The Chemical Engineering Department at the University of Connecticut** invites applications for a tenure-track faculty position at the rank of assistant professor. Exceptional candidates at more senior levels with outstanding research records will also be considered. Preference will be given to applicants with a **biochemical or biomedical engineering research focus**. The Chemical Engineering Department is one of six accredited departments in the School of Engineering. The department has more than \$3 million in annual sponsored research activities and has strong ties to several interdisciplinary research centers on campus including UConn's Biotechnology Center, Environmental Research Institute, Institute of Materials Science, School of Pharmacy, HEALTH Center Medical School, Biomedical and Biomaterials Programs, and local industry. Qualifications include a Ph.D. in chemical engineering or closely related area, the promise of establishing a highly respected research program, and a commitment to excellence in teaching at all levels of the curriculum. Applicants should send a curriculum vitae, statements of research and teaching interests, and names of at least three references to: Prof. Doug Cooper, Search Chair, Chemical Engineering Dept., Unit 3222; 191 Auditorium Road; University of Connecticut; Storrs, CT 06269-3222. The applicant review process is ongoing and will continue through fall 2001 or until the position is filled. The target starting date is September 1, 2002. For more information about UConn Chemical Engineering, visit our web site at: [www.engr.uconn.edu/cheg](http://www.engr.uconn.edu/cheg). The University of Connecticut is an affirmative action and equal opportunity employer.

**The Chemical Engineering Department at the University of California, Berkeley**, solicits applications for a faculty position as Assistant Professor or Professor of Chemical Engineering, with an appointment beginning July 1, 2002. Research areas of interest include biomaterials and biomedical engineering, electrochemical engineering, materials



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We currently have challenging opportunities for BS-, MS- and PhD-level chemical engineers specializing in process safety/control/measurement or separation technologies for active pharmaceutical ingredient production. You will become an essential part of process chemistry/scale-up teams throughout all phases of API development. Responsibilities include leading engineering support to the team; designing and performing related R&D experimentation; providing leadership and training in your areas of expertise; and developing new technology and equipment.

Apply to Req. #01-0669-SV165YF if you have a BS in Chemical Engineering and solid process safety/control/measurement knowledge. Familiarity with safety testing equipment (including DSC, ARC and RCI) is preferred, and hands-on experience with laboratory/industrial scale process control devices/software is a plus. A strong working knowledge of organic chemistry, the demonstrated ability to accomplish multiple projects and excellent communication skills are essential. Apply to Req. #01-0668-SV165YF if you have an MS in Chemical Engineering, an in-depth knowledge of separation technology (including crystallization, extraction, filtration, drying and chromatography), and a strong working knowledge of organic chemistry.

Pfizer offers an exceptional work environment complete with competitive salaries, excellent benefits and training opportunities designed to develop your professional talents. We encourage all applicants to apply by emailing your resume, indicating the appropriate Req. # in the subject field, to [CEP@pfizerresumes.com](mailto:CEP@pfizerresumes.com). If necessary, you may also mail your resume, indicating Req. #, to Pfizer Resume Processing Center, 630 Boston Road M-104, Billerica, MA 01821, Attn: Softshoe Resumes. An equal opportunity employer, Pfizer offers a workplace rich with diversity and potential.

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synthesis and characterization and molecular simulation. Exceptional candidates in all areas of Chemical Engineering, however, will be considered. A Ph.D. in Chemical Engineering or a closely related discipline required. Applicants should be able to teach core courses and conduct outstanding and imaginative research. Send curriculum vitae, detailed statements of research and teaching interests, and the names and addresses of three references to: Chair, Search Committee (#403), Department of Chemical Engineering, University of California, Berkeley, CA 94720-1462. Deadline for receipt of applications is December 31, 2001, although review of applications will begin November 1, 2001. The University of California is an Equal Opportunity, Affirmative Action Employer.

**FACULTY POSITIONS AVAILABLE:** Two nine-month tenure track positions, 30% teaching, 70% research, at the Assistant/Associate Professor level within the Department of Agricultural and Biological Engineering at Clemson University. Responsibilities include teaching undergraduate and graduate students and conducting research in one or more areas of Applied Biotechnology, Biochemical, Bioprocess, and/or Bioenvironmental Engineering. Position available, August 2002. Application deadline, February 1, 2002 or until a suitable candidate is found. Submit a letter of application, resume, transcripts, three letters of recommendation and reprints of recent articles to; Dr. David E. Brune, Department of Agricultural and Biological Engineering Clemson University, Clemson, South Carolina 29634-0357 E-mail: [debrune@clemson.edu](mailto:debrune@clemson.edu)

**The Polytechnic University Announces a Faculty Opening for an Assistant Professor in Chemical Engineering.** The Department of Chemical Engineering, Chemistry, and Material Science at the Polytechnic University, the second oldest private institution of science and technology in the United States, has an opening for an Assistant Professor in Chemical Engineering starting September 2002. The areas of primary interest are those related to Chemical and Biochemical Engineering Systems. These include but are not limited to the traditional areas of Process Modeling, Optimization, Monitoring and Control of Chemical and Biological Processes and Systems. The faculty member selected will also be a member of the newly established Systems Research Center for Chemical and Biological Processes. The desired candidate should have a Ph.D. Degree in Chemical Engineering or a closely related field, a strong interest in undergraduate and graduate education and the ability and energy to build a first class research activity at the Polytechnic University. For additional information visit: <http://chem.poly.edu> Applicants should submit a Curriculum Vita, a list of publications, a copy of their two most important papers, a description of their future teaching and research plans, and the names and addresses of four references that can provide letters about their qualifications. This information should be submitted electronically to Professor Jovan Mijovic ([jmijovic@poly.edu](mailto:jmijovic@poly.edu) or 718 260-3097, Six MetroTech Center, Brooklyn, NY 11201), search committee chairman. Polytechnic University is an Affirmative Action/Equal Opportunity Employer.

**Ohio University. The Department of Chemical Engineering** invites applications for a tenure-track position at the assistant professor level commencing in 2001. Salary will be commensurate with qualifications and experience. The Department seeks applicants with a commitment to excellence in undergraduate and graduate education and research interests which complement those of the current departmental faculty. These areas include biochemical and biomedical engineering, environmental science and engineering, corrosion and multiphase flow, and semiconductor materials. The successful candidate will possess a Ph.D. in chemical engineering or closely allied field and will be expected to develop a strong, externally funded research program. The Department offers degrees through the Ph.D. and currently has nine full-time and one part-time faculty. Additional information

can be found at <http://webche.ent.ohiou.edu/>. Please send a letter of application, resume, statement of teaching and research interests, and the names, addresses, and telephone numbers of three references to Daniel A. Gulino, Search Committee Chair, Department of Chemical Engineering, Ohio University, Athens, OH 45701-2979. Review of applications will begin immediately and proceed until the position is filled. Applications received by January 15, 2002 will receive full consideration. Electronic-mail inquiries can be directed to [gulino@ohio.edu](mailto:gulino@ohio.edu), but all application materials must be submitted via the regular mail. Ohio University is an equal opportunity, affirmative action employer.

**THE DEPARTMENT CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF WYOMING** has an opening for an Assistant/Associate Professor of Chemical Engineering who is interested in developing an externally funded research program in the broad areas of biochemical engineering and materials engineering, including, but not limited to, biomaterials, pharmaceuticals, nanomaterials and polymers. Candidates who possess an earned doctorate in chemical engineering or a closely related field are invited to mail or email their application, resume, statements of teaching and research interests, and at least three references to: Prof. Maciej Radosz, Head, Department of Chemical and Petroleum Engineering, University of Wyoming, Laramie, WY 82071-3295. [Radosz@uwyo.edu](mailto:Radosz@uwyo.edu) Tel: (307) 766-2500 <http://www.weng.uwyo.edu/chemical> We will begin reviewing applications on January 15, 2002. The University of Wyoming is an AA/EEO employer.



**Imperial College**  
OF SCIENCE, TECHNOLOGY AND MEDICINE

## Lectureships in Chemical Engineering

**Salary Lecturer Grade (£28,602 - £32,537)  
plus London Allowance £2,134 p.a.**

Applications are invited for Lectureships in the Department of Chemical Engineering & Chemical Technology. Lecturers are expected to participate fully in the undergraduate and postgraduate teaching activities of the Department and to develop their own research. A successful applicant will, therefore, have graduated in Chemical Engineering or a related discipline and hold a doctorate. Industrial experience in the process industries is desirable but not essential.

The research activities of a successful applicant should complement one of the ongoing research programmes of the Department. These are in the areas of Applied Catalysis & Reaction Engineering; Biotechnology, Separations & Environmental Applications; Combustion, Fuels & Safety; Materials Engineering & Technology; Multiphase Fluid Systems; and Process Systems Engineering. There is considerable scope for interaction with researchers in the Imperial College Medical School and so applicants with interests in Biomedical Engineering would also be welcome.

Further details and an application form may be obtained from Professor S.M. Richardson FREng, Department of Chemical Engineering & Chemical Technology, Imperial College, London SW7 2BY. Telephone: 020 7594 5556. Fax: 020 7594 5639. E-mail: [s.m.richardson@ic.ac.uk](mailto:s.m.richardson@ic.ac.uk) WWW: <http://www.ce.ic.ac.uk>

**The final date for receipt of applications will be 31st December 2001.**

*The College is committed to equality of opportunity.*



**UNIVERSITY OF ROCHESTER, Faculty Positions in BIOMEDICAL**

**ENGINEERING:** The University of Rochester invites applications for two new tenure-track positions at the Assistant or Associate level in the Department of Biomedical Engineering in the School of Medicine and Dentistry. Applicants must have a Ph.D. or M.D. degree and should have significant research accomplishments. Candidates with research interests in the areas of orthopaedic or phthalmic tissue engineering and materials, peripheral vascular function, or neural engineering at the cellular level are particularly encouraged to apply, but applications are welcome from outstanding candidates in any area of BME. The University of Rochester, supported by a recent Development Award from the Whitaker Foundation, is committed to a major enhancement of our programs. Successful candidates are expected to develop and maintain independent, extramurally funded research programs and to participate in biomedical engineering teaching programs. Review of candidates will continue until the positions are filled. Applicants should send a CV, recent reprints, a statement of research interests and plans, and the names of at least three references to: **Dr. Richard E. Waugh, Chair, Faculty Search Committee, Biomedical Engineering, University of Rochester, Medical Center Box 639, 601 Elmwood Ave, Rochester, NY 14642.** *The University of Rochester is an Equal Opportunity/Affirmative Action Employer; applications from women and underrepresented minorities are encouraged.* <http://www.seas.rochester.edu/bme>

**UNIVERSITY OF ROCHESTER, Faculty Positions in BIOMEDICAL**

**ENGINEERING:** The University of Rochester invites applications for two new tenure-track positions at the level Assistant or Associate Professor in the Department of Biomedical Engineering (BME). Applicants must have a Ph.D. or M.D. degree and should have significant research accomplishments. Candidates with research interests in the areas of

orthopaedic or ophthalmic tissue engineering, peripheral vascular function, or neural engineering are particularly encouraged to apply, but applications are welcome from outstanding candidates in other areas of BME. The University of Rochester, supported by a recent Development Award from the Whitaker Foundation, is committed to a major enhancement of our programs. Successful candidates are expected to develop and maintain independent, extramurally funded research programs and to participate in departmental teaching programs. Review of candidates will continue until the positions are filled. Applicants should send a CV, recent reprints, a statement of research interests and plans, and the names of at least three references to: **Dr. Richard E. Waugh, Chair, Faculty Search Committee, Biomedical Engineering, University of Rochester, Medical Center Box 639, 601 Elmwood Ave, Rochester, NY 14642.** *The University of Rochester is an Equal Opportunity/Affirmative Action Employer; applications from women and underrepresented minorities are encouraged.* <http://www.seas.rochester.edu/bme>

**Vanderbilt University, Department of Chemical Engineering,**

invites applications for two tenure-track or tenured faculty positions for Fall 2002. Candidates for all ranks will be considered. A distinguished academic or industrial record is required. The Department is especially interested in candidates who, through experiments and/or computations, can contribute fundamentally and broadly to research on materials, bioengineering, and/or the environment. Individuals must share Vanderbilt's commitment to excellence in teaching at both undergraduate and graduate levels. The Department is growing in terms of faculty numbers and research support. Four faculty have been added over the last four years, and additional openings are anticipated in the near future. Information about the Department can be found at [www.vuse.vanderbilt.edu/~cheinfo/che.htm](http://www.vuse.vanderbilt.edu/~cheinfo/che.htm). Interested persons should send their curriculum vitae, a statement of research and teaching interests, and names and addresses of three or more references to M. Douglas LeVan, Chair, Department of Chemical Engineering, Vanderbilt University, Box 1604, Station B, Nashville, TN 37235. Women and minorities are encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

**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 two tenure-track faculty positions. The desired areas of research specialization are semiconductor processing, and any field in biotechnology. Appointments may be made at any rank for candidates with a specialization in semiconductor processing, and appointments may be made at assistant or associate professor level for candidates with a specialization in biotechnology. Applicants for assistant rank must show exceptional promise in research and teaching, whereas applicants for associate/ professor rank must have demonstrated excellence in research and teaching commensurate with rank. Candidates must have an earned doctorate in Chemical Engineering or a closely related area of engineering or science by the appointment date. A rank-appropriate record of publication in scholarly journals pertinent to the area of research specialization is desirable. Successful candidates will be expected to develop and maintain internationally recognized, externally-funded research programs, to maintain high teaching standards at the undergraduate and graduate levels, and to participate in service activities. ASU is a Research 1 University with outstanding research facilities and infrastructure support located within the rapidly growing metropolitan Phoenix area. The College of Engineering and Applied Sciences at ASU is undergoing an exciting period of growth, including state-funded research programs in biomedicine and engineering, materials and information technology. In addition the College is the recipient of recent multi-million dollar awards including a Whitaker Foundation Program Development Award, the Center for Low-Power Microelectronics, the ASU Institute for Manufacturing Enterprise Systems, and inclusion in the NSF-SRC sponsored Center for Environmentally-Benign Semiconductor Manufacturing. Interested Candidates must submit a letter indicating research specialization and rank desired, a research plan, a teaching plan, and a current curriculum vitae that includes the names, telephone, mail and

**Dean of the School of Engineering and Applied Science**

Princeton University is seeking a Dean for the School of Engineering and Applied Science. The successful candidate must be an eminent engineer or scientist who will lead engineering research and education at Princeton University. The School consists of six departments, all with excellent researchers, graduate programs, and undergraduate concentrators (<http://www.princeton.edu/80/~seasweb/>). The Dean will be expected to enhance this interdisciplinary and integrative environment through development of campus-wide initiatives in research and teaching. As leader of the School of Engineering and Applied Science, the Dean will be a member of the President's cabinet, will carry financial responsibility for the School, and will advise the President on the hiring and promotion of the School's faculty.

Please send letter of interest, CV, and names and addresses of five references to SEAS Dean Search, Office of the Provost, 3 Nassau Hall, Princeton University, Princeton, NJ 08544.

Review of applications is under way and will continue until the position is filled. Princeton University is an Affirmative Action/Equal Opportunity Employer.



Princeton University

email addresses of four references to Dr. Subhash Mahajan, Chair, Department of Chemical and Materials Engineering, Arizona State University, Campus Box 6006, Tempe, AZ 85287-6006. Applications will be reviewed beginning on December 30<sup>th</sup>, 2001 and on the 15<sup>th</sup> and 30<sup>th</sup> of each subsequent month until the positions are filled. For further information, contact Dr. Subhash Mahajan at (480) 965-9710 or via email: smahajan@asu.edu. AA/EOE

**The University of Kansas School of Engineering** seeks a dean to provide imaginative leadership to enhance its national/international stature. If you are interested, please email Professor Tom Mulinazzi at [tomm@ku.edu](mailto:tomm@ku.edu) by January 22, 2002.

**Carnegie Mellon University** expects to make at least six tenure-track appointments in Biomedical and Health Engineering. Appointees are expected to build interdisciplinary research programs in engineering and computer science and contribute to expansion of educational offerings. Joint appointments in engineering, science and computer science strongly considered. Applicants invited from areas: Bioinformatics; Biosensing & BioMEMS; Bone Tissue Engineering, Tissue Endocrinology & Angiogenesis; Cellular & Molecular Systematics; Computational Biomechanics & Biomaterials; Image & Signal Processing; Medical Robotics & Computer Assisted Surgery; Rehabilitation Engineering & Assisted Living. Interested applicants send curriculum vitae, statement of research interests, teaching goals, and three letters of recommendation to: Search Committee, ATTN: Ms. Hilda Diamond, Biomedical and Health Engineering, Carnegie Mellon University, Doherty Hall 2100, 5000 Forbes Avenue, Pittsburgh, PA 15213-1173. (412) 268-2521 or [bhe@andrew.cmu.edu](mailto:bhe@andrew.cmu.edu)

**CLEMSON UNIVERSITY - CENTER FOR ADVANCED ENGINEERING FIBERS AND FILMS:** The College of Engineering and Science at Clemson University invites applications for the position of Director of the NSF Engineering Research Center for Advanced Engineering Fibers and Films (CAEFF). The CAEFF's research and educational programs are multidisciplinary, including faculty and students from the Departments of Chemical Engineering, Chemistry, Computer Science, Electrical Engineering, Materials Science and Engineering, Mathematical Sciences, Mechanical Engineering and Physics. Further information about the CAEFF and this job search may be found at <http://virtual.clemson.edu/groups/caeff/>. Candidates should have a Ph.D., a demonstrated record of excellence and funded research in fibers, films, or related area; ability to effectively manage a large, multidisciplinary research program; outstanding communication skills; a high level of leadership and

strategic vision; and a record of interactions with industry, government labs, and other research groups. Applicants should forward their curriculum vitae, description of research background, and three letters of reference to: Chair, CAEFF Director Search Committee, PO Box 0901, Clemson University, Clemson, SC 29634-0901. Screening of applicants will begin on December 10, 2001, and will continue until the position is filled. Clemson University is an equal opportunity/affirmative action employer.

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