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POSITIONS AVAILABLE

SCIENTISTS II/III

MedImmune, one of the world's premier biotechnology firms with more than 2,500 employees worldwide, is focused on infectious diseases, cancer and inflammatory diseases. MedImmune has an immediate opening for a Scientist II/III in solid dosage form development located in Mountain View, California. We are seeking a scientist / engineer with at least 4 years of relevant industry experience and a strong background in drying technology, in particular spray or freeze drying. A PhD in Biochemical or Chemical Engineering, or related fields is required. The scientist will assume a leading role with managerial responsibilities in formulation development, process design, and delivery device selection for virus vaccines and a small molecule therapeutic. Experience with design, testing, and scale-up of processing equipment or nasal or pulmonary delivery devices is important. We value innovation, creativity, and scientific excellence. The candidate should be independent and self motivated, with excellent oral and written communication skills. MedImmune offers a professionally and personally rewarding working environment with excellent compensation and benefits. Please submit your application to vehringr@medimmune.com, or fax to Dr. Reinhard Vehring, (650-603-3579)



Washington Group International has incredible career opportunities for experienced Chemical Process Engineers in several of our regional offices including Denver, Colorado and Houston, Texas. We continually seek top-talent contributors to join our team and welcome all interested applicants.

Our company vision is to provide the talent, innovation and proven performance to deliver integrated engineering, construction, and management solutions for businesses and governments worldwide.

Our People, Proven Performance – Every Day

To learn more and apply online go to: www.wgint.com/careers Use the keywords field to search for and apply directly to the vacancy: RAMPChemicalEngineers

Or apply directly by e-mail by sending your resume to domestic.jobs@wgint.com



Integrated Engineering, Construction, and Management Solutions

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SALES ENGINEER III

M-I Swaco (aka M-I LLC) in Anchorage, AK seeks qualified Sales Engineer III to perform physical and chemical tests on drilling fluid products at the wellsite and make recommendations and to customer rep. Prepare drilling mud report form at well-site using software to document system properties, inventory accounting and recommendations to achieve customer design input. Perform servicing functions at rigsite. Qualified applicant must possess a Bachelor's degree in Chemical, Petroleum Engineering, or related plus experience. **Mail resume to J. Jones at 5950 North Course Dr., Houston, TX 77072.** equal employment opportunity employer: M/F/V/D. Put job code RESE1106 on resume.

DIRECTOR OF PROCESS ENGINEERING

We're looking for a senior engineer with extensive experience in process development, scaleup, and engineering in a variety of classical unit operations to fill an engineering leadership position in a venture-backed biofuels startup. You should have 10+ years of experience in operating bench-scale and pilot-scale equipment in order to determine key design points for new processes. Unit operations experience should include reactors, distillation and extraction columns and dryers. You should also have led process engineering teams through process flow sheet and M&EB development on large capital projects. **Contact: Dan Green, ZeaChem, Inc., 1490 O'Brien Dr., Menlo Park, CA 94025, e-mail: dgreen@zeachem.com.**

SENIOR CHEMIST NEEDED FOR POLYURETHANE AND SPECIALTY COATINGS MANUFACTURER

Job Description: Business growth has created the need to add a Chemist/Chemical Engineer experienced in formulating polyurethanes or polyureas to the Research and Development staff. We are looking for team players whose responsibilities will include formulation of new products, production support of existing products, quality control, and product testing. This individual will report to the Director of R & D and interact with production, quality, sales, marketing and customers. Responsibilities: Formulation of new products. Modification and refinement of existing products to reduce cost, to improve consistency, to address regulatory compliance issues, or to address specific application requirements. Evaluates new product performance and compatibility with range of spray equipment. Quality control, all products - provide guidance, assist in production procedure development, audits, and corrective action where necessary. Product rating and compliance testing for fire, UL, FM, ICC and building code test standards. Responsible for accuracy of technical data included in MSDS and product data sheets. Provides technical assistance to customers, direct sales, employees, and distributors. Assistance will be provided over the phone, via the web online help, and on-site. Works with other internal departments to resolve potential product problems. Prior Experience/Job Requirements: 3 to 7 years experience formulating and managing projects in polyurethane rigid or flexible foam resins, polyurethane coatings or polyureas, and/or other plural component coatings, sealants, and adhesives; experience with production support in chemical batch process environment: experience working with other chemists, chemical engineers, and lab technicians; experience with laboratory wet chemistry analytical and physical test methods; BS in organic and/or polymer chemistry and/or chemical engineering. UCSC Ltd. is headquartered in Phoenix, Arizona. Its portfolio ranges from spray polyurethane foam insulation for wall and roofing applications to over 25 specialty coatings. As a reliable partner in the insulation and coatings industry. UCSC's high-value products, equipment, training and services provide quality, cost competitive solutions to the construction industry. Contact: John Meschberger, UCSC, P.O. Box 6460, Phoenix, AZ, 85005.

TRI/PRINCETON - TEXTILE AND FLUID FLOW SCIENTIST

Seeking a scientist to join our team in developing an outstanding research program relevant to the practical interests of the Institute's clients in the industries of textiles, filtration, advanced fibers, and nonwoven materials. Key areas of need include studies of mechanics, wettability, absorption, and fluid flow in fibrous and porous structures. The candidate with the highest long term potential will be offered a position at the level of Senior Scientist, Principle Scientist or Research Director. Industrial experience, management experience, and academic accomplishment are the primary factors in determining job level. Ph.D. or equivalent industrial experience in Chemical Engineering, textile science or related field required. Personal excellence in communication, teaching, and team leadership are essential. Competitive benefits package includes medical, dental & 403B. Relocation package not available. EOE. **Contact: Send resume & cover letter to Recruitment Manager at info@triprinceton.org or fax to 609-683-7149. www.triprinceton.org**.

LCI CORPORATION, PROCESS ENGINEER

Sustained growth requires LCI Corporation to add Process (Chemical) Engineer in our Evaporator/Distillation Division at Charlotte, NC headquarters. Primary activities include: sizing/costing process equipment for sales proposals; presenting proposals to clients; designing and executing pilot plant testing. Additionally: field and startup services; prospecting for new markets for LCI's proprietary technologies; serving as technical resource. Ideal candidate will exhibit professional work ethic, possess sales skills, and demonstrate energetic, highly motivated disposition. Requires B.S. in Chemical Engineering with min. 2-5 years in chemical process industry. Beneficial is experience with Process Simulation Software, AutoCAD, OSHA & EPA training, safety training, ASME Code. Travel approximately 25%. LCI offers excellent professional environment with competitive salary and benefits. EOE. If qualified, please email your resume with cover letter including your salary requirement to hr@lcicorp.com.

CHEMICAL PRODUCTION MANAGER

Background: Boulder Scientific Company (BSC) is a specialty chemical manufacturer located in Mead, Colorado. Internationally recognized as a leader in the field of specialty organometallic chemicals and metallocenes, BSC also holds a strong market position in Grignard reagents, boron compounds, pharmaceutical intermediates and other specialty products. Qualifications: Extensive experience in batch chemical manufacturing operations; demonstrated ability to lead a group of 30+ chemical operators, supervisors and technical professionals in a 24-hour a day operation; adept at coordinating the activities of the manufacturing operation with the Research & Development Laboratories, Pilot Plant, Business Development and Analytical departments; 10+ years experience in a batch specialty chemical manufacturing environment; 5+ years of management experience; positive, friendly, and upbeat attitude, and excellent interpersonal skills. Enthusiasm, energy, courtesy, impeccable attention to detail, and unequivocal ability to meet deadlines a must; proven business writing and communication skills; excellent oral, public speaking, and presentation skills; creative problem-solving skills as demonstrated by a history of success; excellent analytical, organizational, and implementation skills. Ability to handle multiple tasks, manage multiple projects/subordinates and prioritize all of the above; strong understanding of employee motivational techniques, team building and developing subordinates; strong understanding of PSM, OSHA, TSCA, RCRA and other regulations pertaining to the chemical manufacturing business. Bachelor's degree in chemical engineering or chemistry is required. Contact: Jody Campbell, Boulder Scientific Company, 598 Third Street, Mead, CO 80537-0548.



ACADEMIC OPENINGS

TENURE-TRACK FACULTY POSITIONS, UNIVERSITY OF CONNECTICUT

The Chemical Engineering Program in conjunction with the Center for Environmental Sciences and Engineering at the University of Connecticut invite applications for two tenure-track faculty positions, one at the assistant/associate and one at the associate/full professor level. Successful candidates will have a Ph.D. in chemical engineering or closely-related field, a strong commitment to excellence in research and teaching, and the ability to conduct research worthy of international recognition. These positions are in the broad area of environmental research, and can range from biological applications to air pollution and alternate energy to waste processing. Excellence in competitive research is the overriding requirement. The successful candidate is expected to participate with and support the activities of UConn's Center for Environmental Sciences and Engineering. Opportunities also exist for interacting with UConn's Biotechnology Center, Institute of Materials Science, Global Fuel Cell Center, and Booth Engineering Center for Advanced Technology. More information is available on our department website at: www.engr.uconn.edu/cmbe. UConn is located in scenic northeast Connecticut. We are ranked as the #1 public research university in New England. The atmosphere is electric as we are in the midst of a \$2.3 billion university-wide expansion of the research and teaching infrastructure. Applicants should send vitae, statement of research and teaching, and names of at least four references to: Chemical Engineering Search Chair, Chemical Engineering Program, Unit 3222, University of Connecticut, 191 Auditorium Road, Storrs, CT 06269-3222. The University of Connecticut is an affirmative action and equal opportunity employer.

Whatif?

What if you could recapture that awesome thrill of discovery you had when you were a kid?

We are hiring for the following Chemical Engineering positions in the Manufacturing Process Technology (MPT) and Operations Technical Services (OTS) groups:

- Senior Process Engineer, #2103-620-R or #2093-620-R
- Process Development Engineer II. #2100-620-B or #2092-620-B
- Associate Director- Technical Services, #2002-655-06
- Process Engineer II, #2105-656-07

Nektar is a biopharmaceutical company that takes a different approach to medicine by using leading technologies to improve existing medicines.



For more information and to apply online, visit our website at: **www.nektar.com/jobs** and reference the job number. EEO Employer.

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SCHOOL OF CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING UNIVERSITY OF OKLAHOMA, FACULTY POSITION OPENING. ASSISTANT, ASSOCIATE OR FULL PROFESSOR (TENURE-TRACK)

The School of Chemical, Biological and Materials Engineering (CBME) at The University of Oklahoma invites applications for a tenured/tenure track faculty position. Starting date is flexible, but as early as summer, 2007. The School is particularly interested in strengthening the University-wide program in biofuels and biomass conversion (e.g., biomass gasification, biorefinery streams separation, catalytic conversion, bioconversion). Other areas of interest are nanotechnology, surfactant technology, and engineering education and outreach. Exceptional candidates with research expertise in other fields will also be considered. Candidates must hold an earned doctorate in chemical engineering or closely related discipline. Rank and salary will be commensurate with experience and qualifications. Successful candidates will be committed to excellence in both research and teaching, and they will function effectively in a multidisciplinary research environment. Experience in technology transfer is desirable. CBME offers competitive startup packages, exciting opportunities for research collaboration, and a supportive environment for new faculty. Candidates should send a resume, description of research plans, teaching interests, and names of three references to: Search Committee, School of Chemical, Biological and Materials Engineering, The University of Oklahoma, 100 East Boyd, SEC T335, Norman, OK 73019-1004. Applications will be reviewed until candidates are selected and recommended for appointment. The University of Oklahoma is an equal opportunity/affirmative action employer. Women and minorities are encouraged to apply.

CHEMICAL ENGINEERING PROGRAM

Applications are invited for several faculty positions at all levels at the Texas A&M University branch campus in Doha, State of Qatar. Texas A&M University at Qatar (TAMUQ) is a partnership with Qatar Foundation. Now entering its fourth year of operation, TAMUQ offers Bachelor of Science degrees in Chemical, Electrical and Computer, Mechanical, and Petroleum Engineering. The degree programs are identical to those on the main campus at College Station, Texas. A Texas A&M University diploma is awarded to graduates. A new, state-of-the-art engineering building for teaching and research opens in 2007. Applicants for this position must have a Ph.D. in Chemical Engineering or a closely related field. We prefer individuals with research and teaching interests in the areas of process integration and design, process safety, petroleum and natural gas engineering, environmental engineering and thermodynamics, but outstanding candidates with research interests in other areas of Chemical engineering will receive consideration. Prior teaching experience in USA and familiarity with ABET accreditation is desirable. We offer competitive salaries and summer funding is guaranteed. Liberal allowances for professional travel and for relocation to Qatar are provided. Fringe benefits include free furnished housing in one of several gated communities, K-12 education for dependents, group health insurance, annual leave allowance, and a car allowance. Applicants should send curricula vitae, detailed statements of research and teaching interests, and arrange to have letters of recommendation sent to: Dr. M. Sam Mannan, Chair-TAMUQ CHEN Search Committee, Artie McFerrin Department of Chemical Engineering, Texas A&M University, College Station, Texas 77843-3122. Call (979) 862-3985 for additional information. Candidates may submit materials via electronic mail to mannan@tamu.edu. Review of applications will begin December 1, 2006 and will continue until the positions are filled. Texas A&M University is an equal opportunity employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities. and veterans. More information about Texas A&M University is available on the web at http://www.tamu.edu and http://www.gatar.tamu.edu/. The University is responsive to the needs of dual career couples.

THE DEPARTMENT OF CHEMICAL & METALLURGICAL ENGI-NEERING AT THE UNIVERSITY OF NEVADA - RENO, the land grant University of the State of Nevada, invites applications for the position of Department Chair. The Department offers Undergraduate degrees in Chemical Engineering and Materials Science and Engineering, and M.S. and Ph.D. degrees in Chemical Engineering and Metallurgical Engineering. The Department has 10 faculty members, about 130 undergraduate and about 40 graduate students. Research awards, new and continued, for the period 1-1-06 to 9-30-06 amounted to \$12.2 million; additional awards, expected to start after 1-1-07 are ~ \$7.5 million. We seek a dynamic person who will help the Department increase the research activity in existing and emerging technologies in Chemical and Materials Science Engineering. Responsibilities: The chair is responsible for the academic quality, operational effectiveness, human resource development, and growth of the Department. Duties include overseeing all curriculum developments, especially those related to the undergraduate programs ensuring consistency with the ABET accreditation requirements: plaving a key role in developing a strategic plan; handling the finances in a responsible manner; providing leadership for the development and implementation of new emphasis areas and/or programs; developing professional alliances both internal (University) and external (community, industry) for the benefit of students and faculty; creating an environment for promoting and increasing research activities. Qualifications: Candidates must hold an earned Ph. D. in Chemical or Materials Science Engineering or in a closely related Engineering field, have a proven record of excellence in scholarly activities (funded research, publications, etc.) and education, and possess strong leadership, management experience, and human relations skills. Application deadline and procedures: Applicants must submit electronically a full CV, a statement of personal objectives for research and education. To apply, please visit www.unrsearch.com/applicants/Central?guickFind=51846. Review of the applications will begin on March 5, 2007 and continue until the position is filled. Anticipated starting date: July 1, 2007. EEO/AA.

TULSA UNIVERSITY, POST DOCTORAL OPPORTUNITIES

The University of Tulsa's Petroleum Engineering Department anticipates an opening for a non tenure track Post Doctoral Research Associate in the Tulsa University Paraffin Deposition Projects (TUPDP). TUPDP is a large research consortium that is supported by numerous major oil and gas companies and conducts research on paraffin deposition in pipes. State of the art experimental test loops and computing facilities are available to conduct research. Applicants must have Ph.D. degrees in Engineering Science, Petroleum, Chemical or Mechanical Engineering and have a record of conducting and publishing theoretical and/or experimental research. Salaries are competitive and depend on experience. Send resume and other supporting information to: Dr. Cem Sarica, Professor of Petroleum Engineering, The University of Tulsa, 600 S. College Avenue, Tulsa, OK 74104. Review of applications will begin immediately. The University of Tulsa is an equal opportunity/affirmative action employer.

INTERESTED IN TEACHING AND IN BIOCHEMICAL ENGINEERING?

The Department of Chemical Engineering at ROSE-HULMAN INSTITUTE OF TECHNOLOGY seeks an exceptional educator and scholar with a promise of excellence in teaching, a strong desire for student interaction in and out of the classroom, and commitment to technical and professional growth. We anticipate an opening for a tenure-track position at the assistant professor level starting Fall 2007. We expect the candidate to continue to grow our biochemical engineering program. PhD in Chemical Engineering is required. Industrial and teaching experience in the biochemical engineering area is desirable. **Please send (1) your curriculum vitae, (2) a statement of teaching philosophy and teaching interests, (3) a statement of plans for professional development, and (4) contact information for at least three references to Dr. Hossein Hariri via email to: m.h.hariri@rose-hulman.edu. Review of applications will begin immediately and will continue until the position is filled. EEO/AA**



Biofuels, the future, and you

Engineering interface manager

Pangbourne/London/Naperville

How can the world reduce carbon emissions from transportation, when more and more people want to travel? It's to answer questions such as this that BP plans to spend \$500 million to establish the Energy Bioscience Institute, the first facility of its kind in the world. The Institute is a part of BP's strategy to find new applications for bioscience, including better ways to produce bio-components for transport biofuels.

BP's biofuels business aims to achieve a market-leading position in biofuels, partly through partnerships with leading bioscience technology providers, and partly through the influence and efforts of experts like you. This highly visible role offers the opportunity to help lead the way in a new industry, and in doing so create a truly sustainable future.

The engineering challenges associated with biofuels operations and production provide an outstanding opportunity for you to develop professionally in a world-class environment. You'll use your expertise to provide BP biofuels with assurance and advice in relation to all engineering aspects of the internal and external development of our biofuels technology. With a strong chemical engineering background, probably gained in a pharma environment, you will have a keen understanding of process engineering or plant operations management, workflow, piloting plants, and crucially, safety and integrity management.

This role involves between 25% and 50% travelling, mainly in the UK and the US.

To find out more and to apply, please visit www.bp.com/careers/us

Closing date: 12 February 2007

For more information on our company, please visit www.bp.com

BP is an equal opportunities employer



beyond petroleum

TENURE-TRACK FACULTY POSITIONS, STEVENS INSTITUTE OF TECHNOLOGY

The Department of Chemical, Biomedical and Materials Engineering at the Stevens Institute of Technology announces tenure-track faculty positions opening on July 1, 2007. This department currently has 13 tenured/tenuretrack and 2 full-time faculty members with research foci on chemical and biological microsystems, soft materials, tissue engineering, and photonic sensing. Annual research expenditure exceeds \$2.5M. Applicants should have a Ph.D. in Chemical Engineering, Biomedical Engineering or a related discipline. While all relevant areas will be considered, preference will be given to candidates with research interests and expertise in cell-material interactions. polymeric biomaterials, engineered cellular/bacterial microenvironments, biofilms, microbial-based bioprocessing, and biofuel processing. Successful applicants will be expected to develop strong extramurally funded research activities and show a clear commitment to both graduate and undergraduate training in a highly integrated and interdisciplinary environment. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience and vision for future achievement. Applications will be accepted until the positions are filled. Applicants should submit a curriculum vita, a detailed research plan including both short-term and long-term professional goals, a description of teaching interests, and contact information for at least three references to: Chair of Faculty Search Committee c/o Ms. Nancy Webb, email: nwebb@stevens.edu, Department of Chemical, Biomedical, and Materials Engineering, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030.

UNIVERSITY OF UTAH PROFESSOR OR ASSOCIATE PROFESSOR

As part of the Utah Science, Technology and Research (USTAR) Initiative for economic development in the State of Utah in the area of fossil energy, The University of Utah seeks an outstanding senior individual for a tenured faculty position at the rank of Professor or Associate Professor who demonstrates expertise and extensive experience in the area of oil sands/oil shale research and development. The successful candidate will be expected to be a national leader in his/her area and bring a significant externally funded research program to the University of Utah and have a demonstrated record in leadership, publication and teaching excellence. Applicants must have an earned Ph.D. in chemical engineering, or a closely related field. Before hiring, the selected candidate must provide proof of U.S. citizenship or authorization to work in the U.S. Interested persons should send a cover letter, vitae, detailed statement of research and teaching interests and at least three reference contacts to: Search Committee, Department of Chemical Engineering, University of Utah, 50 S Central Campus Dr. Rm 3290, Salt Lake City, UT 84112. Applications will be accepted until the positions are filled. The position will be available as of July 1, 2007. Applicants should reference this announcement in their cover letters. The University of Utah, an Equal Opportunity, Affirmative Action Employer, encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

ASSISTANT PROFESSOR OF CHEMICAL AND BIOMOLECULAR ENGINEERING, THE UNIVERSITY OF AKRON

The Chemical and Biomolecular Engineering Department at The University of Akron is currently seeking to fill a faculty position by August 29, 2007. Candidates with expertise in biochemistry, biochemical engineering, biomaterials, or a related field are strongly encouraged to apply. The successful candidate is expected to teach graduate and undergraduate level courses, to supervise master's and doctoral students, and to conduct a vigorous, selfreliant research program that leads to external funding and scholarly productivity. Participation in faculty governance, professional service and instructional support are also required for this full-time position. The department presently has 9 faculty, 140 undergraduates and 40 full-time graduate (20 Ph.D.) students. Research funding during the past year was more than 1 million dollars. Applicants should submit a resume, teaching and research plans, copies of selected publications and the names of three references to: Professor J. Richard Elliott, Chemical and Biomolecular Engineering Search Committee, Department of Chemical Engineering, The University of Akron, Akron, OH 44325-3906. For first consideration, applications should be received on or before April 8, 2007. For additional information, visit our website: http://chemical.uakron.edu. The University of Akron is committed to a policy of equal employment opportunity and to the principles of affirmative action in accordance with state and federal laws.

UNIVERSITY OF MARYLAND, DEPARTMENT OF NUTRITION AND FOOD SCIENCE, ASSISTANT/ASSOCIATE PROFESSOR IN FOOD NANOTECHNOLOGY

The University of Maryland, Department of Nutrition and Food Science seeks candidates for an assistant/associate professor position in the area of Food Nanotechnology to develop a distinguished research program and teach courses at the undergraduate and graduate levels. The Department and the Food Science Graduate Program particularly encourage applicants who have interest in nanotechnology research related to edible biomaterials, food proteins, bioactive molecules, discovery and delivery of functional ingredients in food products, biosensors, food defense technologies, and/or risk assessment & policy. The successful candidate must demonstrate outstanding potential for superior scholarly activity, and is expected to establish a well-funded vigorous research program. In addition, the successful candidate will have an opportunity to play a significant role in the development of a new Food Protection and Safety degree program. Qualifications: Candidates should possess a doctorate in food science, chemistry, food engineering, chemical engineering or an equivalent field. Salary/Benefits: The position is a nine month, tenure-track position with a research/teaching split appointment. Rank and salary are commensurate with the candidate's record. The University of Maryland offers an extensive benefits package. Application: Applicants should send a statement of qualifications and research and teaching interests, current curriculum vitae, copies of publications or working papers, and names and contact information of five references to: Dr. Y. Martin Lo, Chair, Food Nanotechnology, Search and Screen Committee, Department of Nutrition and Food Science, University of Maryland, 0112 Skinner Building, College Park, MD 20742. Applications may be sent electronically to ymlo@umd.edu. For best consideration, applications should be received before March 31st, 2007. Applications may be accepted after March 31. Women and members of underrepresented groups are especially encouraged to apply. The University of Maryland is an Affirmative Action/Equal Opportunity Employer.

RECRUITMENT ADVERTISING INFORMATION

Classifications:

Positions open – academic and industrial positions

Issuance:

Published monthly.

Closing date:

3rd Monday of the month prior to that month's issue. Next closing date is February 20, 2007.

Rates:

Word ads are \$4/word (conjunctions not counted). Simply e-mail a word document to denid@aiche.org. Contact 212-591-7170 or denid@aiche.org for classified display ad and business card ad rates and guidelines for submittal.

Web posting:

Classified advertisers receive a \$250/month discount off the normal \$400/month rate to post on CareerEngineer, AIChE's recruiting web site specifically for chemical industry professionals, if a print ad is run in the same month. http://careerengineer.aiche.org