

POSITIONS AVAILABLE

RESEARCH SCIENTIST/ENGINEER

Materials and Systems Research, Inc. (MSRI), located in Salt Lake City, Utah, is seeking a chemical engineer to lead R&D projects on energy-conversion devices based on solid oxide fuel cells. The successful candidate will act as principal investigator on projects and supervise junior engineers and technicians.

Qualifications: PhD in chemical engineering; experience in solid oxide fuel cell (SOFC) stack and design and modeling is desirable. Strong oral and written communication skills and leadership qualities are required.

MSRI offers competitive salary and benefits package. **Interested candidates should send their resumes and a list of three references to Dinesh Shetty, President, Materials and Systems Research, Inc., 5395 W. 700 S., Salt Lake City, UT 84104, phone: 801-530-4987, fax: 801-530-4820.**

SYSTEMS SAFETY ENGINEER

Parsons, one of the world's leading engineering/construction firms, is seeking a Systems Safety Engineer to support the chemical demilitarization programs in our Pasadena, CA facility. Must be able to conduct complex hazard analyses using HAZOP, FMEA and Fault Tree methodologies independently to evaluate system design, establish compliance with regulatory requirements and identify hazards and mitigations approaches during the design development, systemization and operational phase of the project. Successful candidate must have in-depth knowledge of Mil-Std-882D and OSHA process safety management standards. A degree in chemical or mechanical engineering or equivalent plus a minimum of 10 years experience with chemical demilitarization, DOE or petrochemical projects is required. A PE or CSP is highly desirable.

Parsons offers a competitive salary and benefits package along with the advantages of working for an employee-owned company. **For immediate consideration, please submit your resume with salary requirements to: employment.parsons@parsons.com. EOE M/F/D/V. www.parsons.com.**

CHEMICAL ENGINEER

Description (Position will be in Portland, Maine): Modeling chemical processes using software such as Arrow. Preparing instrumentation diagrams. Improving existing process performance. Developing process control strategies.

Requirements: BS in chemical engineering or equivalent. Passed FE exam. Experience (2 years in job offered or similar position): 1) Modeling piping and process systems using engineering software. 2) Design, implementation, and programming of discrete and PID control loops through PLC based systems.

Send resume to: Human Resources, P.E.S.I. - Phasor Electrical Services, Inc., 555 N. Wayne Ave., Cincinnati, Ohio 45215

ACADEMIC OPENINGS

ENDOWED CHAIR: TEXAS A&M UNIVERSITY-KINGSVILLE

The Frank H. Dotterweich College of Engineering at Texas A&M University-Kingsville seeks an outstanding senior faculty member to become the holder of the Frank H. Dotterweich Endowed Chair. The department is looking for a highly capable individual to help initiate a PhD program in chemical engineering. Minimal graduate teaching is expected in addition to research supervision. Doctorate is required from a regionally accredited institution or university. The suitable candidate should have an established record in research, publication, and grant procurement from both public and private sectors. The department is interested in contemporary areas of research. However, if it is desired to work in

more traditional areas, the campus is close to many petroleum refineries, gas plants, and organic and inorganic chemical plants. The position can be temporary for several years or can be a tenured position. Currently, the department has six full-time faculty members and one adjunct. Enrollment includes about 100 undergraduate and about 60 Masters level graduates equally split between chemical and natural gas engineering. The campus is located in Kingsville, South Texas, about 30 to 40 minutes drive from Corpus Christi, a mid-size resort city, and about 2 hours from South Padre Island, the Rio Grande Valley and Mexico.

Applications and any relevant questions should be addressed to: Dr. William A. Heenan, P.E., Professor and Dean, Frank H. Dotterweich College of Engineering, Texas A&M University-Kingsville, 700 University Blvd., MSC 188, Kingsville, Texas 78363-8202. Phone: 361-593-2001; Fax: 361-593-2106; E-mail: w-heenan@tamuk.edu.

Finalists must have original letters of recommendation and official transcripts from each degree-granting institution mailed directly to Texas A&M University-Kingsville, Office of the Provost, 700 University Boulevard, MSC 102, Kingsville, Texas 78363-8202 prior to an on-campus interview. Texas A&M University is committed to excellence; the University invites applications from all qualified applicants. EEO/AA/ADA.

DIRECTOR OF POLYMER RESEARCH CENTER

West Virginia University invites applications and nominations for the full-time position of Director, WVU Polymer Research Center (WVU PRC). This is a new position and is available immediately. The Director will be responsible for setting up the WVU PRC, strategic planning, for developing interdisciplinary approaches to polymer research and technology development, and serving as the interface between the center and the polymer/plastics industry. Candidates should have at least 10 years experience demonstrating increasing levels of responsibility in areas such as polymer/plastics industries, polymer engineering/science, and polymer research program development; evidence of ability to promote university/industry research teams and attract external funding from federal and private sources; and demonstrated highly developed interpersonal communications skills. An earned doctorate degree in a field of science or engineering relevant to polymers is preferred, but is not required provided the candidate has other strong qualifications and experience and a Master of Science degree. **Contact: Andrea Yanego, Sr. Human Resources Representative, West Virginia University, P.O. Box 6064, Morgantown, WV 26506, phone: 304-293-7571, fax: 304-293-2120, e-mail: Andrea.Yanego@mail.wvu.edu.** West Virginia University is an Affirmative Action, Equal Opportunity Employer.

FACULTY RECRUITING IN CHEMICAL ENGINEERING—THE UNIVERSITY OF TEXAS AT AUSTIN

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

FACULTY OPENINGS - JOHNS HOPKINS UNIVERSITY, DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Johns Hopkins University Department of Chemical and Biomolecular Engineering seeks outstanding applicants for tenure-track faculty positions at all levels. Candidates who hold a doctorate in chemical engineering, bioengineering, or a related field should apply. Johns Hopkins has a tradition of excellence in bioengineering and applicants in this field are especially encouraged. Applicants in other areas of chemical and biomolecular engineering including nanotechnology and materials will also be considered. **Applicants should send (preferred) or e-mail a resume, statement of research plan, and names of at least three references to: Professor Michael J. Betenbaugh, Chair, Department of Chemical and Biomolecular Engineering, Johns Hopkins University, 3400 N. Charles Street, Baltimore MD 21218. Telephone: 410-516-7170; e-mail: mclancy2@jhu.edu.** Women and minorities are strongly encouraged to apply. Johns Hopkins University is an EEO/AA employer.

CORNELL UNIVERSITY, SCHOOL OF CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty Opening: Cornell University invites applications for a tenure-track position in the School of Chemical and Biomolecular Engineering. We invite applications for appointments at Assistant, Associate, or Full Professor depending on the candidate's experience and achievements. For senior appointments, the successful candidate must show evidence of having developed an active and world-class research program. Although all research areas will be considered, preference will be given to research centered on biomolecular engineering, including (but not restricted to) systems biology, protein, cell and/or tissue engineering, and computational biology. We are also interested in candidates with expertise in microchemical systems and electronic materials synthesis and characterization. The individual who is hired will benefit from associations with Cornell's interdisciplinary research centers, national facilities, and national resources, such as the NSF Science and Technology Center for Nanobiotechnology (NBTC), Boyce Thompson Research Institute (BTI), the New York State Center for Advanced Technology in Biotechnology (CAT), the NSF Science and Technology Center for Nanoscale Systems (CNS), the Cornell Center for Materials Research (CCMR), the Cornell Nanofabrication Facility (CNF), the Center for Theory and Simulation in Science and Engineering (Theory Center), and the Cornell High Energy Synchrotron Source (CHESS). Cornell University provides an environment that promotes collaboration with other faculty, including those in other departments and colleges as exemplified by Cornell's New Life Sciences Initiative.

Applications should include a current CV, a statement of research interests, copies of key publications and the names of at least three references. **Applications should be submitted to Faculty Search Committee, attn: William L. Olbricht, School of Chemical and Biomolecular Engineering, 120 Olin Hall, Cornell University, Ithaca, NY 14853. E-mail address: search@cheme.cornell.edu.** Cornell University is an Equal Opportunity/ Affirmative Action Employer and Educator.

MONTANA STATE UNIVERSITY - BOZEMAN, DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING

invites applications for tenure track faculty positions at the Assistant/Associate Professor levels. The successful candidates will be significant contributors to an expanding biological engineering research emphasis within the department and teach undergraduate and graduate courses with an emphasis on biological engineering. Candidates must have a PhD degree in chemical engineering, bioengineering, or a related field. Candidates will be judged on the basis of their potential to develop and lead a research program, as well as their demonstrated excellence in teaching and ability to develop a nationally recognized, externally funded research program. To apply: Electronic applications in PDF form will be accepted, but a signed original Letter of Application must be sent separately. **Send letter of application, curriculum vitae, list of publications, statement of teaching and research interests, and names, addresses, and telephone numbers of three references to: chbe@coe.montana.edu, Dr. Philip S. Stewart, Chair, Faculty Search Committee, Department of Chemical and Biological Engineering, Montana State University, 306 Cobleigh Hall, Bozeman, MT 59717-3920.** Women and minorities are especially encouraged to apply. The Search Committee will begin processing applications September 30, 2004 and will

continue to accept applications until the position is filled. For complete information see the ChBE website at <http://www.coe.montana.edu/chbe> and the MSU site at <http://www.montana.edu/msuinfo/jobs/>. ADA/AA/EO/VET.PREF. Claim Veteran's preference or request: HR/AA Montana State University, Bozeman, MT 59717-2430; 406-994-2042; TDD: 406-994-4191

THE DEPARTMENT OF CHEMICAL ENGINEERING AT COLORADO STATE UNIVERSITY

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

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE FAMU-FSU COLLEGE OF ENGINEERING

(The College of Engineering is jointly operated by FLORIDA A & M UNIVERSITY AND FLORIDA STATE UNIVERSITY) invites applications for several faculty positions beginning August, 2005. Although rank is open, the Department is seeking highly qualified and enthusiastic individuals, preferably at the Associate and full Professor levels, with demonstrated experience in building externally funded research programs of interna-

Ben-Gurion University of the Negev

The Jacob Blaustein Institutes for Desert Research



Zuckerberg Institute for Water Research

FACULTY POSITION IN WATER SCIENCES

The Department of Desalination and Water Treatment Research announces the availability of a tenure-track position in water science. Applicants should hold a relevant Ph.D. and have a record of excellence in research in areas such as polymer chemistry, polymer synthesis or membrane research. The rank of the position will be decided according to the successful candidate's qualifications.

Research responsibilities include: membrane development and characterization, adoption of nano-scale considerations to improve membrane properties and transport phenomena in water treatment.

The successful candidate will be expected to develop and maintain externally funded research programs, teach graduate courses in his/her area of expertise, and supervise research students.

Candidates should submit a description of their research accomplishments, CV, list of references and a short description of suggested future activities to:

Prof. Eilon Adar, Director, Zuckerberg Institute for Water Research, Blaustein Institutes for Desert Research, Ben-Gurion University of the Negev, Sede Boqer Campus, 84990, Israel.

**Phone: +972 8 659 6979, Fax: +972 8 659 6889
E-mail: eilon@bgumail.bgu.ac.il (MS Word or pdf format).**

The position is available immediately, and will remain open until filled.

tional reputation. Research areas are open, however, candidates who can build upon the existing strengths of the Department and Universities are particularly encouraged to apply. (Please see the Department web page for more details at <http://www.eng.fsu.edu/departments/chemical/index.html>). The individuals selected must be strongly committed to developing outstanding research programs and to graduate and undergraduate education. Salary will be commensurate with qualifications and experience. Candidates must have an earned doctorate in either chemical engineering or a closely related field. **Qualified applicants should submit curriculum vitae, a detailed statement of research and teaching interests, and a list of three references, to Dr. Bruce R. Locke, Chair of Faculty Search Committee, Department of Chemical Engineering, FAMU-FSU College of Engineering, 2525 Pottsdamer St., Tallahassee, FL 32310-6046.** Applications will be accepted until the positions are filled. The FAMU-FSU College of Engineering is an AA/EEO employer; applications from members of underrepresented groups are especially encouraged to apply.

CARNEGIE MELLON UNIVERSITY, CHEMICAL ENGINEERING TENURE-TRACK FACULTY POSITIONS

The Department of Chemical Engineering at Carnegie Mellon is seeking applicants for one or two tenure-track faculty positions preferably at, but not restricted to, the Assistant Professor level. We seek outstanding candidates who are committed to excellence in education and research. Candidates must hold a PhD degree, in chemical engineering or a related discipline. While all research areas will be considered, candidates with backgrounds and research interests appropriate for a 50/50 joint appointment between Chemical Engineering and the newly formed Biomedical Engineering Department will receive special attention. Candidates with clearly articulated interests in policy will be considered for a 50/50 joint appointment with the Department of Engineering and Public Policy. **Applicants should submit a CV, statement of research and teaching interests, and the names of three references to: Dr. Dennis Prieve, Chemical Engineering Department, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890. E-mail: dcprive@andrew.cmu.edu.** We would appreciate receiving your application electronically (as a PDF file) and by November 1, 2004. Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer. For more information, see <http://www.cheme.cmu.edu>.

CLASSIFIED ADVERTISING RATE 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 August 16, 2004.

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