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POSITIONS AVAILABLE

CHIEF, ENVIRONMENTAL PROCESSES BRANCH, ENVIRONMENTAL LABORATORY, US ARMY ENGINEER RESEARCH AND DEVELOPMENT CENTER

The successful candidate will be responsible for developing, planning, and executing a broad program of multidisciplinary environmental research. Work is conducted in order to understand, predict, and to the degree possible, control changes in the environment attributable to all types of civil works and military activities. Research is conducted in the areas of geochemistry of soil and sediments, water quality of rivers and reservoirs, microbiological processes, genetics and molecular markers for contaminant fate and effects and chemical control processes for invasive species. Incumbent has responsibility for planning, direction, and management of the research, supervision of personnel, operation of facilities assigned to the branch, and communicating technical accomplishments to sponsors and stakeholders. **Official announcement can be found at http://acpol.army.mil under Employment, Search for Jobs. The position is expected to be announced during the period March 8 - April 21, 2006. Vacancy Announcement No. SWGR06178478 contains information on how to apply. For additional information on applying contact: Ms. Patsy Abbott, Human Resources, Patsy.I.Abbott@us.army.mil, 601-631-5857.**

SAFETY, HEALTH, AND ENVIRONMENT VP

The Chlorine Institute, Incorporated, a small technically focused trade association located at 1300 Wilson Boulevard, Rosslyn, VA 22209 is seeking a Vice President of Safety, Health and Environment to lead the chlor-alkali industry's safety advancement initiatives in the areas of health, environment, and safety. Primary responsibilities include leadership and support for associated committees, related pamphlets, projects, budget items and training workshops. This person is the staff expert for the association on matters involving health, environment, and safety related to the production, distribution, and use of chlorine, sodium hypochlorite, hydrogen chloride, and caustic products. Requires Bachelors degree in an engineering discipline or related field (preferably chemical engineering) with at least 15 years of related experience including management of regulatory issues related to health, environment and safety. Competitive salary and benefits package - medical, dental, life, and long term disability insurance, 401 K and defined contribution pension. Relocation assistance is available. **Send your resume in confidence to hesspos@CL2.com**

PROCESS SAFETY ENGINEER

We currently have an immediate opportunity for a Process Safety Engineer at our state-of-the-art chemical technology center located in Port Newark, NJ. The successful candidate will be responsible for managing the site Process Safety Management program and providing process safety engineering support to the facility. Must have experience with conducting PHAs, and leading HAZOPs. BS degree in Chemical Engineering or related field. Min of 5 yrs exp in a chemical manufacturing environment, with exposure to batch and continuous reaction and distillation operations, rotating equipment, and use of hazardous materials highly desired. Must be able to travel as required. We offer a competitive salary and a comprehensive benefits package, including medical, dental, prescription, tuition reimbursement, pension, profit sharing & 401(k) plan. **For consideration, please apply online at: www.firmenich.com.** Only qualified candidates will be contacted. EOE. Committed to a drug free work environment.

CHEMICAL ENGINEER

Collaborate with Ameren personnel and outside organizations to assess operation and maintenance issues and develop options to improve performance and reliability of plant equipment. Provide technical advice and support in a timely manner. Participate on teams to develop standards and strategies for design, operation, testing, and maintenance of plant chemical systems. Participate on teams that assess equipment and programs for compliance with standards. Provide quality control review of plant chemistry equipment, processes, and programs. Participate in communities of practice associated with operation and maintenance of various chemical systems to assure effective sharing of technical information across the fleet. Communicate issues, findings, results, and other important information in a timely manner. Actively participate in operational reviews and root cause analyses and assure that findings are communicated and acted upon to prevent recurrence. Assist with business case development, procedures and testing to support equipment modifications and new equipment installation. Position requirements: Education: Bachelor's degree in Chemical Engineering from an accredited college or university. Experience: Five or more years of relevant experience with chemical programs if fossil power plant or similar processes in another industrial plant. Thorough knowledge of chemical system operation and procedures applicable to power plants. **For consideration, apply on-line at www.ameren.com.** An equal opportunity employer.

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SR. PROCESS DEVELOPMENT ENGINEER AND PILOT PLANT SUPERVISOR POSITIONS

Metabolix Inc. is an exciting biotech company located in Cambridge, MA. The company is focused on commercializing biodegradable bio-polyesters that respond to society's call for renewable, sustainable plastics and chemicals in a joint alliance with Archer Daniels Midland Company. Plans to construct the first commercial facility were recently announced. We seek to fill the following new positions: **Sr. Process Development Engineer** - We seek a senior chemical/biochemical engineer for our Manufacturing and Development Team. Responsibilities include design, implementation and overall management of experimental programs at the pilot facility in South Carolina. Minimum requirements are a degree in chemical engineering and extensive experience in the industrial setting. Emphasis will be on technology and process development in support of new business ventures. Experience in solvent processing is highly desirable. **Pilot Plant Supervisor** - We also seek a chemical engineer or chemical plant operator for our Manufacturing and Development Team. Responsibilities include day-to-day management of the pilot operations in South Carolina. The individual must have proven experience in working closely with engineering teams in dynamic process development situations and have the ability to translate operating experience into well structured reports, training and operating manuals and similar documents. Metabolix offers a competitive salary and benefits package. **Please e-mail cover letter and resume, including two references with names and telephone numbers, to: hrjobs@metabolix.com, Attn: Arnie Ansons, Metabolix Inc.** EOE.

ACADEMIC OPENINGS

TWO TENURE-TRACK POSITIONS TULANE UNIVERSITY DEPARTMENT OF BIOMEDICAL ENGINEERING

The Department of Biomedical Engineering at Tulane University is pleased to invite applications for two tenure-track faculty positions that will be available as early as August 2006. The Department of Biomedical Engineering was founded in 1977, has 13 full-time faculty positions, and an ABET accredited undergraduate program with approximately 200 undergraduate majors and 50 graduate students. We currently have expertise in five biomedical engineering "domains" including biomechanics, bioelectronics, biomaterials, bioelectricity and cell and tissue engineering. We are especially interested in faculty candidates with expertise in biotransport or cell and tissue engineering, although we will consider outstanding applicants that would fit well with the other "domains" of expertise in the department. **1.** We seek a faculty member whose research and teaching focus is in the domain of biotransport phenomena. The ideal candidate will experimentally investigate momentum and/or mass transport related to either diseases of the pulmonary system or the use of the lung for drug delivery, and will couple those studies to theoretical and computational approaches. We are also interested in candidates who study biotransport over multiple scales in any physiological system, ranging from organ-level to sub-cellular interactions. **2.** We seek a faculty member with research and teaching interests in the domain of Cell and Tissue Engineering, ideally with applications in 3-D scaffolds for tissue engineered tissues (heart, connective, lung, or neural) and/or drug delivery investigations. There are excellent opportunities for research collaborations in the department and with various centers and institutes at Tulane including the Health Sciences Center, the Center for Computational Sciences and the interdisciplinary program in Neurosciences. Applicants must have an earned doctorate, and will be expected to teach undergraduate and graduate courses and to develop an externally funded research program, consistent with having a fundamental interest in both teaching and research. Note that these positions would have been advertised in early Fall 2005, but were delayed due to the challenges of Hurricane Katrina. We now plan to invite the top candidates for interviews by May 1, 2006. However, the search will continue until the positions are filled. Rank and salary are dependent upon candidate qualifications. **Please send a CV, a brief description of research and teaching interests, and names and addresses of three references to: Faculty Search Committee, Department of Biomedical Engineering, Boggs Center, Suite 500, Tulane University, New Orleans, LA 70118-5674. Note that we are still experiencing delayed USPS mail services. PDF applications should therefore be sent to bmen-info@tulane.edu, or paper applications sent via an express delivery service.** More information about the Department of Biomedical Engineering can be found at: http://www.bmen.tulane.edu. Tulane University is an Affirmative Action - Equal Opportunity employer.

ASSISTANT RESEARCHERS FOR BIOMASS GASIFICATION AND FERMENTATION RESEARCH STUDIES: OKLAHOMA STATE UNIVERSITY BIOSYSTEMS & AGRICULTURAL ENGINEERING DEPARTMENT seeks applicants for two full-time Assistant Researcher positions to provide research support and leadership in either thermochemical conversion of biomass or fermentation of producer gas from the gasification of lignocellulosic biomass. Details about each position may be found at www.biosystems.okstate.edu/nwservlet/Employment. These positions, available immediately, are full-time, non-tenure-track faculty appointments for two years with additional appointments dependent upon funding and performance. Applicants must have an earned doctorate in Biosystems Engineering, Agricultural Engineering, Chemical Engineering or a closely related field and have demonstrated abilities in conducting and report research work in the respective area of emphasis. Eligibility for professional engineering registration is required. Review of applications will begin April 10 and continue until suitable applicants are found. **Application packets (resume, transcripts, and contact information for three references) may be mailed to Search Committee/Gasification or Search Committee/Fermentation, Biosystems & Agricultural Engineering, Oklahoma State University, 111 Ag Hall, Stillwater, OK 74078-6016; faxed to (405) 744-6059; or e-mailed to ron.elliott@okstate.edu.** OSU is an AA/EO institution committed to Multicultural Diversity.

DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF SOUTH CAROLINA

We seek to fill a cluster of tenure-track faculty positions in the area of Biomedical Engineering for a new multidisciplinary research and teaching initiative. This search is being conducted in collaboration with the Department of Mechanical Engineering and with the School of Medicine at the University of South Carolina. Candidates for this cluster are expected to be at the forefront of research in Biomedical Engineering and to support graduate and undergraduate education programs in this field. Candidates with research interests that complement current expertise at the University of South Carolina in cardiovascular development, wound healing, and regenerative medicine are especially encouraged to apply. Candidates are expected to develop a nationally recognized externally funded research program. For more information, see the web site of the College of Engineering and Information Technology at www.engr.sc.edu. **Applicants are requested to submit with their letter of application, a professional vitae, transcripts of undergraduate work, names of three references, and statements of their research plans and teaching interests. All materials should be addressed to the Biomedical Faculty Search Committee, Office of the Dean, College of Engineering and Information Technology, University of South Carolina, Columbia SC, 29208. Candidates may submit materials via electronic mail to biomedfaculty@engr.sc.edu.** Review of applications will begin immediately and will continue until the positions are filled. The University of South Carolina is an Equal Opportunity/ Affirmative Action Employer.

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