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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.

Do you have the kind of **energy** we're looking for?



Technology Professionals Naperville, IL

Wanted-Technology Leaders responsible for identifying breakthrough technology innovations that enhance refinery operations and reliability.

In this position, you will provide functional expertise in the area of advanced plant monitoring techniques. Maintain awareness of technology developments both within and external to the industry. Develop resource estimates, including on-site personnel and third-party technology support. Improve reliability of BP's refineries by implementation of new technologies. Expand leading edge technology applications as well as initiate and lead technology and commercial discussions with third party companies from idea to implementation. Capability to project manage a variety of projects simultaneously.

Bachelor's degree in a physical science or engineering field as well as 5 years' experience in a relevant engineering or scientific role. Experience within technology innovation and development of oil, gas, petrochemical or related industry preferred. Must demonstrate innovative thinking in a new technology environment. Influencing skills with the ability to work using your own initiative and in virtual teams are a must. Will travel up to 25%.

To learn more about this position and to apply online, go to our website at: www.bp.com/careers/us and click on "Experienced Hires," then "search for a specific job" and enter 5262 in the keyword/job ID field.

BP is an equal opportunity employer.

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.

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.

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

MICHIGAN STATE

Faculty Positions in Advanced Energy/ **Transportation Initiative**

The Michigan State University community realized the societal challenges in future years regarding energy need and use. To address this, we are expanding its energy related research and educational programs with an initiative in hybrid vehicles and novel energy conversion devices and systems through a coor-dinated hiring of faculty members in three departments within the College of Engineering. As part of this expansion, the College of Engineering invites applications for multiple tenure-track, academic year, faculty positions to complement the activities of several current faculty working in the area. Particular interests within this initiative includes energy storage including battery, ultra-capacitor and mechanical storage; hybrid vehicle power conversion; powertrain and vehicle topology and design including power transmission, electronics, communication and control systems; environmentally robust circuit design; novel energy conversion devices and systems including photovoltaics, photosynthesis-inspired systems, thermoelectrics, chemical to mechanical conversion, efficient light production, and other power generation techniques from renewable resources; alternative fuel sources including bio-based fuels, waste heat recovery and power electronics and control systems for these energy conversion systems. These faculty will have appointments in the departments of Chemical Engineering and Materials Science, Electrical and Computer Engineering and/or Mechanical Engineering, They are expected to develop nationally recognized, externally funded research and to provide leadership in

educational and outreach programs in the areas of hybrid vehicles and energy conversion devices. Collaboration potential with complementary research in the other Departments in the college and university is considered especially beneficial to the initiative. Applicants at all ranks will be considered. We anticipate making at least one senior appointment. A Ph.D. degree is required.

Michigan State University, a research intensive premier Land Grant University, enjoys a park-like campus of over 2,000 developed acres and over 3,000 acres of outlying research facilities and natural areas. The campus is adjacent to the city of East Lansing and the capital city of Lansing. The Greater Lansing area has approximately 250,000 residents. The local communities have excellent school systems and place a high value on education. Michigan State University is pro-active in exploring opportunities for the employment of spouses, both inside and outside the University

Applications should be received by April 15, 2006 for full consideration, however the search will continue until the positions are filled. Applicants should submit a cover letter, a full resume, a statement of research plan, a statement of teaching interests and the names and contact information for three references. Only electronic submissions will be accepted and should be submitted via: www.egr.msu.edu/energyapply. The College of Engineering and the niversity are committed to building a culturally diverse faculty and strongly encourage applications from women and minorities

MSU IS AN AFFIRMATIVE ACTION, EQUAL OPPORTUNITY INSTITUTION.

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.



Research laboratory with distillation equipment

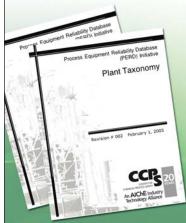
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