

POSITIONS AVAILABLE

DOWNSTREAM PROCESS DEVELOPMENT ENGINEER

DuPont, a science-based company leading the introduction of biotechnology for industrial applications, is seeking a Principal Investigator in Process Development Engineering to join its Central Research and Development organization. The successful candidate will support our efforts to develop industrial chemicals and materials via biological processes. The person in this position will work with a multidisciplinary team of biologists, chemists and engineers to develop viable commercial processes. Specifically, this person will be responsible for evaluating process options and conducting laboratory and pilot scale unit operations experiments necessary for development of basic data and a commercial process. The position is open to entry level or experienced candidates with a PhD in chemical and/or biochemical engineering and a demonstrated knowledge of process engineering. Candidates should be self-motivated, thriving in a research team environment and committed to use biotechnology towards commercial and societal impact. DuPont offers an attractive salary and comprehensive benefits. **Qualified candidates should apply through DuPont's career web page: <http://careers.dupont.com>. Click on Jobs by Region, United States, View US Job Listings, then enter the code RES00208 in the keyword field (use the new search button for successive searches).**

ACADEMIC OPENINGS

NSF ENGINEERING RESEARCH CENTER FOR ENVIRONMENTALLY BENEFICIAL CATALYSIS, UNIVERSITY OF KANSAS

The Department of Chemical and Petroleum Engineering at the University of Kansas (KU) is seeking an outstanding candidate at the full professor rank. This faculty position is among those KU has allocated to promote the generously funded, new Center for Environmentally Beneficial Catalysis (CEBC), a National Science Foundation Engineering Research Center. Applicants should preferably have an international reputation and contribute to CEBC research and education missions (www.ku.edu/~cebc). Specific areas of research interests include (but are not limited to): design of catalysts with nanoscale properties, biocatalysis, catalytic reaction engineering with advanced modeling/computational skills, and fluid phase equilibrium involving benign media. **A detailed position description and application procedures can be found at the CPE department (www.cpe.engr.ku.edu) website.** Review of applications begins January 15, 2005. The University of Kansas is an Equal Opportunity/Affirmative Action Employer.

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT THE UNIVERSITY OF MISSOURI-ROLLA is seeking highly qualified candidates for an endowed chair funded through both the university and an endowment with funding available for research, staff and graduate student support. All candidates or nominees should have the education and experience required to be appointed at the Associate Professor or Professor level with a PhD in Chemical Engineering or closely related field. The candidate will be expected to have a national/international reputation as an eminent scholar within his/her discipline; a record of prominent leadership roles on such entities as editorial boards, advisory boards, and professional associations; an outstanding publication record; and a record of external research funding. Although all research areas within bioengineering will be considered, preference will be given to research centered on biomolecular engineering. The department is currently establishing an interdisciplinary degree program in Bioengineering and the candidate will be expected to take a leadership role in this program. Review of applications will start on February 1, 2005 and continue until position is filled. For further information, visit our web site at <http://chemeng.umsr.edu>. **Please send a complete resume, an outline of teaching and research plans, and names of three references to:**

Human Resource Services (hrsinfo@umr.edu) Reference Number: 00031429, University of Missouri-Rolla, 1202 North Bishop Avenue, Rolla, Mo 65409-1050. UMR is an Affirmative Action/Equal Opportunity Employer. Females, minorities and persons with disabilities are encouraged to apply.

DIRECTOR OF THE DAVE C. SWALM SCHOOL OF CHEMICAL ENGINEERING, MISSISSIPPI STATE UNIVERSITY

Applications and nominations are being sought for the Director of the Dave C. Swalm School of Chemical Engineering at Mississippi State University. The Dave C. Swalm School of Chemical Engineering is an ABET accredited program with a record of scholarly achievement and an ongoing research program generating research expenditures in excess of \$2 million dollars in each of the last two years. Degrees are offered at the BS, MS, and PhD levels. The Swalm School of Chemical Engineering is one of eight departments/schools in the James Worth Bagley College of Engineering. There are 11 tenure-track faculty members with approximately 200 undergraduates and 40 graduate students. The Swalm School of Chemical Engineering is housed in a state-of-the-art facility featuring 17 fully equipped research laboratories, 10 classrooms and a multimedia auditorium. The School boasts 3 endowed faculty positions, the Earnest W. Deavenport Chair (held by the School Director), the Hunter Henry Chair, and the Texas Olefins Professorship. An endowment of \$2.5 million provides approximately \$100,000 for undergraduate scholarships each year. Mississippi State University is a comprehensive land-grant institution with approximately 16,000 students and awards more than 3,000 degrees each year. The university is located in Starkville, Mississippi, a vibrant community located approximately 2 hours from Birmingham, AL, Memphis, TN and Jackson, MS. Applicants should have a BS and PhD in Chemical Engineering or a related field and a scholarly record of publications in archival literature, external funding and conference presentations. The new Director must have teaching experience at both the undergraduate and graduate levels and must qualify for the rank of Professor of Chemical Engineering. Relevant industrial experience is desirable. Screening of applicants will continue until the position is filled. **Nominations, applications and resumes, including the names, addresses and telephone numbers of three references should be sent to Dr. Julia Hodges, Search Committee Chair, Box 9595, Mississippi State, MS 39762. Email should be directed to hodges@cse.msstate.edu.** Mississippi State University is an AA/EOE. Qualified minorities, women and people with disabilities are encouraged to apply.

TENURE-TRACK POSITION IN CHEMICAL/METALLURGICAL ENGINEERING

Located in Sudbury, Ontario, Laurentian University's School of Engineering offers undergraduate degree programs in Mining Engineering and Chemical Engineering with an option specialization in Extractive Metallurgy (an Environmental Engineering option will be offered in the future). Candidates must possess baccalaureate and doctoral degrees in Extractive Metallurgy or closely related area and be eligible for registration as a Professional Engineer in Ontario. Successful applicant will be active in research and teaching within the Master's and Doctoral programs in Resources Engineering and will teach at the undergraduate and graduate level in metallurgical and chemical engineering. The position will commence July 1, 2005. In accordance with the University's Policy on bilingualism, Laurentian has a requirement of passive bilingualism (French/English) as a condition of tenure. Free second language instruction is offered. Laurentian is committed to equity in employment and encourages applications from all qualified applicants, including women, aboriginal peoples, members of visible minorities and persons with disabilities. In accordance with Canadian Immigration requirements, all qualified candidates are encouraged to apply, however, Canadians and permanent residents will be given priority. **Please submit an application, with a complete curriculum vitae and names and addresses of at least three referees on or before February 28, 2005 to: Dr. Greg R. Baiden, Director, School of Engineering, Laurentian University, 935 Ramsey Lake Road, Sudbury, Ontario P3E 2C6 CANADA, Tel: (705) 675-1151 Ext: 2240, Fax: (705) 675-4862, E-mail: GBaiden@laurentian.ca.**

FACULTY POSITION

The Department of Environmental Engineering Sciences (EES) at the University of Florida invites applications for a faculty position in Process Control Engineering with application to water, wastewater, and/or stormwater. Applicants should have an earned doctorate in environmental, civil or chemical engineering, or a closely related field, and be eligible for professional engineering registration. Applications will be considered at all ranks (Assistant, Associate or full Professor). The new faculty member will be expected to pursue innovative sponsored research in the analysis, design, and control of systems for water supply, wastewater and/or stormwater and to achieve excellence in undergraduate and graduate teaching. Excellent laboratory and field facilities exist for teaching and research. The Department of Environmental Engineering Sciences has a long tradition of excellence. Last year its 16 faculty generated over \$4 million in new awards and expended \$2.7 million for sponsored research. The EES program currently has 61 PhD students, 52 Masters students, and 96 undergraduate students. The University of Florida is one of only a few universities with all colleges located on a single campus. Thus, opportunities abound for conducting interdisciplinary research. **Interested candidates should submit a complete curriculum vitae, a statement of teaching and research plans, and the names, addresses, phone numbers, and e-mail addresses of five references to Professor Ben Koopman, Search Committee Chair, Department of Environmental Engineering Sciences, University of Florida, 217 Black Hall, P.O. Box 116450, Gainesville, FL 32611-6450.** Questions may be referred to Dr. Ben Koopman at bkoop@ufl.edu. The search committee will begin the review of applications on 14 February 2005 and will continue until the position is filled. For more information about the program, visit www.ees.ufl.edu. The University of Florida is committed to seeking qualified minority and women candidates and we strongly encourage them to apply for this position. The University of Florida is an equal opportunity institution.

FACULTY POSITIONS IN NANOTECHNOLOGY AT THE USC VITERBI SCHOOL OF ENGINEERING

The USC Andrew and Erna Viterbi School of Engineering invites applications for tenure-track positions in the area of Nanotechnology. This targeted faculty hiring is part of a new strategic initiative in the Viterbi School in the area of Nanotechnology. We are seeking individuals with exceptional academic credentials who can advance our on-going program in this field and play a nationally prominent role in its further growth. We are specifically interested in applicants with expertise in the intersection of Bioengineering and Nanotechnology. Outstanding candidates in the broader Nanotechnology area and its applications are also invited to apply. Faculty appointments at all tenure-track ranks (both junior and senior) will be considered. The appointments will be made in any of the academic departments comprising the Viterbi School, as appropriate. The possibility of joint appointments with other USC schools, such as the College of Letters, Arts and Science, the School of Pharmacy, and the Keck Medical School will also be considered. The Viterbi School is home to the Information Sciences Institute (ISI), two NSF ERCs (IMSC in Multimedia and BMES in Biomimetic MicroElectronics Systems), the first university center on Homeland Security (CREATE) and over 25 other centers and institutes. With a PhD population of more than 1000 students and a research volume of \$135 Million in external research funding, the Viterbi School is a vibrant place for outstanding academic research and teaching. **Applications, including curriculum vitae and the names of three references should be sent to: Chair, Nanotechnology Search Committee, USC Viterbi School of Engineering, Olin Hall 200, University of Southern California, Los Angeles, CA 90089-1450. Equivalently, the applications can be posted on the web, using the following website: http://viterbi.usc.edu/academics/faculty/nanotechnology_position.htm** Applications will be considered beginning immediately and continuing until the positions are filled. The University of Southern California is an Equal Opportunity, Affirmative Action Employer.

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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 January 18, 2005.

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.
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