

## POSITIONS AVAILABLE

### PROCESS SIMULATION ENGINEER

BS Chem Engineering degree with a min. of 10 yrs experience. Must be proficient in PRO2 - Process Simulations. **Please submit resume by e-mail or fax. E-mail: [caresumes@technip.com](mailto:caresumes@technip.com); Fax: 909-447-4122**

### ANALYTICAL CHEMIST

Multiple openings: Mutual Pharmaceutical Company, Inc. - Uses HPLC methods, UV, FT-IR systems analysis, dissolution apparatus & GC to conduct qualitative & quantitative chemical analyses of chemical compounds and finished dosage forms for pharmaceutical products. Develops/validates methods for FDA submissions. Req. BS in Pharmaceutical, Science, Chemistry or related field, or equivalent, & 4 yrs in job offered, or as Scientist in Pharmaceutical Industry. **Please e-mail resume, Ref #AS-1, to: [Askalisky@URLMUTUAL.com](mailto:Askalisky@URLMUTUAL.com) or mail to: URL/Mutual Pharmaceutical Co., 1100 Orthodox St., Phila., PA 19124, Attn: Al Skalisky. EOE M/F/D/V.**

### SENIOR RESEARCH ASSOCIATE - MODELING (TP263)

Pioneer Hi-Bred International, Inc. is the world leader in the discovery, development and delivery of elite crop genetics. We are looking for a senior research associate to be located at our Janesville, WI corn research center. This individual will focus on developing new field-based spectrometry technologies to support genetic improvement in maize. Responsibilities include modeling and interpretation of plant biophysical and spectral data collected from plant canopies using field-based spectrometry. Key research objectives include improved understanding of energy interaction and transfer within plant canopies and measurement of whole plant and canopy photosynthetic potential. Competencies required in this position include at least three years experience in modeling dynamic physical or thermodynamic systems in chemistry, physics or biology with a very strong applied emphasis in mathematics. Theoretical and applied understanding of spectrometry is required. At least three years programming experience in Visual Basic, C++ or related programming language where at least 30% of previous job responsibility required active programming. Ideal candidate will have previous applied knowledge of statistical modeling using S-plus, SAS, or related statistical software. A PhD or MS is required (MS requires a minimum of five years work experience beyond graduate school). The Req ID for this position is TP263. **For a complete job description and to apply, go to [www.pioneer.com/employment](http://www.pioneer.com/employment). EOE.**

## ACADEMIC OPENINGS

### ASSISTANT PROFESSOR, WATER RESOURCES AND SALINITY MANAGEMENT

The Research Center at El Paso invites applications for a faculty position in the area of Water Resources and Salinity Management at the Assistant Professor level. This is a full-time, 100% research position with the Texas

Agricultural Experiment Station, The Texas A&M University System. The successful candidate will develop and lead an internationally recognized research program in salinity management. Research interests include, but are not limited to, desalination and concentrate disposal technologies, soil-water salinity interactions, saline water chemistry and water reuse. This position joins a growing faculty in water resource management and will be a critical team member collaborating with existing programs in geohydrology, salinity, environmental microbiology, water conservation and water policy. Requires a PhD in engineering, soil sciences, water management or closely related field. For more information go to <http://elpaso.tamu.edu/Research>. Review will begin August 15, applications accepted until position is filled. **Send application letter, statement of research program interests, resume, publication examples and arrange for three reference letters to be sent to: Dr. Ari Michelsen, Agricultural Research and Extension Center, Texas A&M University, 1380 A&M Circle, El Paso, TX 79927 or e-mail these materials to [r-ontiveros@tamu.edu](mailto:r-ontiveros@tamu.edu). TAMUS is an equal opportunity affirmative action employer and committed to excellence through diversity.**

### THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT COLORADO STATE UNIVERSITY

seeks applications and nominations for tenure-track and tenured chemical engineering faculty positions at all levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. There are no restrictions on research area for candidates; however, applicants with 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://cbesearch.engr.colostate.edu>. Electronic submission of application materials at this web site is strongly preferred. If necessary, hard copy applications may be sent to: Search Committee Chair, Department of Chemical and Biological 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.

### NATIONAL UNIVERSITY OF SINGAPORE, DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required. Please refer to <http://www.chbe.nus.edu.sg/> for more information on the areas of interest and for application details. **Applicants should send a full curriculum vitae**

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<http://develop.aiche.org/careerengineer>



(including key publications), a detailed research plan, a statement of teaching interest, and a list of names of at least three references to: Prof. Raj Rajagopalan, Head of Department (Attention: Ms. Nancy Chia, e-mail: [checls@nus.edu.sg](mailto:checls@nus.edu.sg)).

#### FACULTY POSITIONS

##### COLUMBIA UNIVERSITY, DEPARTMENT OF CHEMICAL ENGINEERING

The Department of Chemical Engineering announces two faculty position openings at the assistant, associate, or full professor level, depending on the qualifications of the candidates. The department seeks outstanding scientists and engineers with superb capabilities to achieve excellence in research and teaching. A doctorate in chemical engineering or a related field is required. Preference will be given to candidates whose interests complement current departmental activities in biological, soft material, and electrochemical engineering and technology. Columbia University offers an attractive, highly intellectual, and collaborative environment, including an NIH Center of Excellence in Genomic Sciences led by the Chemical Engineering Department and a world-class medical school and research hospital. Starting date: fall 2006. Candidates should submit a brief research plan, statement of

teaching objectives that demonstrates a commitment to chemical engineering education, the names and contact information of three references, a curriculum vitae, and reprints of recent key research publications. **Reply by November 30, 2005, to: Search Committee Department of Chemical Engineering, Columbia University, Room 801, 500 West 120th Street, MC 4721, New York, NY 10027.** Columbia University is an equal opportunity/affirmative action employer. We encourage women and minorities to apply.

##### TENURE TRACK FACULTY POSITIONS, DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITAT ROVIRA I VIRGILI, TARRAGONA SPAIN

Applications are invited for two tenure track positions in the areas of control and process synthesis/optimization and project management in the department of Chemical Engineering in Tarragona, Spain. We are seeking young and motivated candidates with commitment to teaching innovation and capacity to lead research in their area. Candidates of any nationality are invited to apply. Knowledge of Spanish or Catalan is eventually desired but not a requirement for appointment. For more information see <http://www.etseq.urv.es/DEQ> and contact [ikatakis@etseq.urv.es](mailto:ikatakis@etseq.urv.es) (+34 977 55 96 55).

## INDUSTRY RESOURCES

### Engineering Profiles

Chemical Industry Recruiters  
Technical – Engineering – Operations  
[www.engineeringprofiles.com](http://www.engineeringprofiles.com)

P.O. Box 15537  
Pensacola, FL 32514  
Billy Price Email: [bprice@engineeringprofiles.com](mailto:bprice@engineeringprofiles.com)

PH: (850) 969-9991  
FAX: (850) 969-9987



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Email) [psrhouston@psrgroup.com](mailto:psrhouston@psrgroup.com)

#### 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 15, 2005.

**Rates:** Word ads are \$4/word (conjunctions not counted). Simply e-mail a word document to [denid@aiche.org](mailto:denid@aiche.org).  
Contact 212-591-7170 or [denid@aiche.org](mailto: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>

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Bristol Myers Squibb Co. currently has several exciting career opportunities in Technical Operations.

**Associate Director, API Process Hazard, Job Code 7170, New Brunswick, NJ**

Process Engineer to develop, implement and communicate a clear strategic vision to enhance process safety of bulk intermediates and APIs.

**Principal Process Engineer, Job Code 8467, Evansville, IN**

Exciting growth opportunity in management for candidates with experience in a manufacturing environment, oral, solid dose, project management and scale up activities.

**Associate Director, Licensed Activity, Job Code 10326, New Brunswick, NJ**

Contract reviews, negotiations and due diligence around potential in-licensing partners. MBA preferred, plus experience in chemical/biologic development, pharmaceutical development, manufacturing supply chains, regulatory, finance, tax, legal and marketing.

**Director, Process Design, Job Code 10341, Plainsboro, NJ**

Strong engineering design leadership skills and proven application experience in Finished Drug Product, Drug Substance API, Biological Manufacturing, Pharmaceutical Research Laboratories and Pilot Plants for both Chemical and Biological Projects.

Interested candidates with BS degree or higher in Chemical Engineering or related sciences and 7+ years of experience, please e-mail your resume with the Job Code in the subject line to [external.jobs@bms.com](mailto:external.jobs@bms.com).



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