

POSITIONS AVAILABLE

PROCESS ENGINEER

Reporting to the Solution Manager or Project Leader, the Process Engineer will provide technical support and consultancy primarily to oil/gas/LNG industries. Working on projects with commercial deadlines and operating within formal quality assurance standards and project procedures, activities will include flow assurance, process modeling, availability/reliability modeling, debottlenecking and performance improvement. **Contact Angie McPherson, HR Representative, Advantica, 5177 Richmond Ave. Suite 900, Houston, TX 77056, 713-626-1600, angie.mcpherson@advantica.biz**

CHEMICAL PROCESS ENGINEER

Engineering company seeking Process Design Engineer. Job duties include overall process design and project management for the building of new methyl ester and oleochemical production plants. Engineering responsibilities include developing process system design including process flow diagrams, mass balances, and full equipment specification including piping, instrumentation, heat exchangers, and reaction vessels. Job will include overall responsibility for project and cost tracking and

commissioning support for new production plants. Looking for candidates with minimum of 3 years experience and BS in chemical engineering. **Send resumes to Superior Process Technologies at: hr@superiorpt.com**

PROCESS ENGINEER

Process engineering and automation combined with custom stainless steel fabrication and nationwide installation services make A&B Process Systems a leader in the process equipment and process systems industry. To support business requirements and demands at our Corporate Office in Stratford, WI, we are accepting resumes for the following: Process Engineer. Candidates will support our movement towards pharmaceutical design-build projects and provide the manpower for the increase in engineering opportunities within this sector. This position will interact with project managers, mechanical designers, estimators, and sales staff to coordinate the timely completion of proposals, sales orders, production schedules and final drawings. This position also includes periodical travel allowing for interaction with customers to negotiate, troubleshoot, and make recommendations for process design and specifications. Strong background in FAT/SAT protocol desired. Ideal candidate would have at least a 4-year chemical engineering degree or equivalent with at least 3-5 years of Pharmaceutical/Bio-Tech process



Faculty Positions Nanotechnology Engineering - University of Waterloo

The departments of Chemistry, Chemical Engineering, and Electrical & Computer Engineering at the University of Waterloo invite applications for several positions at the Assistant, Associate, and Full Professor levels. The positions are part of the University's expansion in Nanotechnology Engineering (NE), which includes a new undergraduate degree program in NE (<http://www.nanotech.uwaterloo.ca>). The initiative is a cross-disciplinary partnership between the three departments which are home to more than 140 faculty members and 600 graduate students.

Applications are invited from excellent candidates in the fields of nanoscience and nanotechnology with emphasis in the areas of nano-electronics (e.g. quantum structures, molecular electronics), micro/nano instruments (e.g., nanoscale spectrometry, fluidics), nanobiosystems (e.g., nanomedicine, biomaterials), and nanomaterials (e.g., nanocrystals, nano-engineered membranes). The successful candidates are expected to establish world-class, independent, externally-funded research programs in a research-intensive cross-disciplinary environment. The departments involved in the creation of the NE program are already home to state-of-the-art characterization, analysis, and synthesis research facilities including cleanroom laboratories for nanoscale structures and devices. Excellent research and teaching lab facilities are being established across the university, including a new building complex with lab clusters for nanotech research.

The candidates are also expected to develop and teach a broad range of innovative undergraduate and graduate courses in nanoscience and nanotechnology. Interested candidates should forward their curriculum vitae, the names of four referees, a short description of research accomplishments, a teaching statement and a research statement. They may also indicate the department they wish to be affiliated with. The positions will remain open until they are filled.

Applications should be sent to:

**Faculty Hiring Coordinating Officer, Nanotechnology Engineering Program, Room: DC 3726,
University of Waterloo, 200 University Avenue West, Waterloo, Ontario N2L 3G1, Canada.**
E-mail: nefacultyhiring@nanotech.uwaterloo.ca

With a student population of 22,000 and six faculties, the University of Waterloo has been rated as the most innovative university in Canada for the 13th year in a row. Located about 100 km from metropolitan Toronto, the University of Waterloo is in the Region of Waterloo with a population of 500,000. The area is in the heart of Canada's technology triangle and enjoys one of the fastest growths in Canada. All qualified applicants are encouraged to apply; however, Canadian Citizens and permanent residents will be given priority. The University encourages applications from all qualified individuals, including women, members of visible minorities, native peoples and persons with disabilities. Candidates are expected to become eligible for Professional Engineering registration in Ontario.

experience. **Qualified applicants only please submit credentials to: A & B Process Systems Corp - HR6, 201 S. Wisconsin Ave. PO Box 86, Stratford, WI 54484.** An Equal Opportunity Employer. For further information, see www.abprocess.com

ACADEMIC OPENINGS

ASHLAND INC. CHAIR IN CHEMICAL ENGINEERING

The Department of Chemical and Materials Engineering at the University of Kentucky seeks to hire a highly creative and productive individual in the area of Biopharmaceutical Engineering to be the Ashland Inc. Chair in Chemical Engineering. The endowed chair in the Biopharmaceutical Engineering area is made possible by the endowment from Ashland Inc. and the matching contributions from the Commonwealth of Kentucky's Research Challenge Trust Fund (RCTF). Highly qualified individual with a Ph.D. in Chemical Engineering or closely-related discipline are encouraged to apply. The Ashland Inc. Chair position will be filled at the senior faculty level in Chemical Engineering together with a secondary appointment in Pharmacy or other departments. The recipient of the Ashland Inc. Chair is expected to direct an interdisciplinary program involving the Colleges of Engineering and Pharmacy specializing in Biopharmaceutical Engineering. The University of Kentucky provides excellent environment to foster interdisciplinary research between the Medical School, the College of Pharmacy, the Department of Chemical and Materials Engineering, and the Departments of Chemistry and Biological Sciences. Excellent research infrastructures are available for materials characterization, bio-analytical chemistry and FDA-registered pharmaceutical manufacturing facilities utilizing current Good Manufacturing Practices in the Center for Pharmaceutical Science and Technology. The Ashland Inc. Chair is also expected to initiate and develop a research Center for Chemical and Biopharmaceutical Engineering with a vision to enlarge research funding and activities. Substantial matching contributions from the Commonwealth of Kentucky's RCTF are available for additional endowed chairs and graduate fellowships. Review of applications will begin immediately and will be closed as soon as the endowed position is filled. **Application containing a curriculum vitae, a statement of research in the biopharmaceutical area and teaching interests, a brief description of career plans, and the names of 3 - 5 references should be submitted electronically in PDF format to: Ashlandchair-search@engr.uky.edu.** Address applications to: Professor D. Bhattacharyya, Chair, Search Committee, Ashland Inc. Chair Position, Department of Chemical and Materials Engineering, F. Paul Anderson Tower 177, University of Kentucky, Lexington, KY 40506-0046. The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the Department of Chemical and Materials Engineering can be found at: www.engr.uky.edu/cme.

FH LOXTON ASSOCIATE PROFESSOR IN BIO-MANUFACTURING, DEPARTMENT OF CHEMICAL ENGINEERING, REFERENCE NO. A21/005972

The Department of Chemical Engineering at the University of Sydney Australia seeks to recruit an outstanding engineer or scientist to a new position — the FH Loxton Associate Professor in Bio-Manufacturing. This appointment is central to an ongoing commitment to bio-engineering with objectives in both fundamental research and realizable outcomes applicable to Australian and international industries. The successful candidate will be expected to lead world-class research in bio-manufacturing, a role that will involve harnessing interdisciplinary opportunities through collaboration with colleagues in medicine, the life sciences, and other branches of engineering. In addition, the successful candidate will be a committed educator at both undergraduate and postgraduate levels in bio-engineering and bio-manufacturing. **Contact Associate Professor Geoff Barton (+61 2) 9351 2470, fax (+61 2) 9351 2854 or by e-mail: kthomas@chem.eng.usyd.edu.au.** Full advertisement: <http://bull.ucc.usyd.edu.au/personnel/>. Closing date: July 29, 2005.

JUNIOR FACULTY POSITION IN CHEMICAL ENGINEERING DEPARTMENT, J.B. SPEED SCHOOL OF ENGINEERING, UNIVERSITY OF LOUISVILLE

Applications are invited for a tenure track faculty position in the Chemical Engineering Department at the Assistant Professor level. The successful candidate will teach undergraduate and graduate courses in chemical engineering and will be expected to develop a nationally-recognized, externally funded research program. Preferred research area for this position is advanced materials; however, exceptional candidates in other research areas will be considered. Candidates should have a bachelor's degree in chemical engineering and an earned doctorate, preferably in chemical engineering. Review of applications will begin on August 1, 2005 and will continue until the position is filled. **Send curriculum vitae, addresses of three references, and a brief statement of research and teaching interests by e-mail to PLLUMLO1@Louisville.edu:** The Advanced Materials Faculty Search Committee, c/o P. Lumley, Chemical Engineering Department, University of Louisville, Louisville, Kentucky 40292. **Contact Professor Mahendra Sunkara (502-852-1558) for further details.** Minority and female candidates are encouraged to apply. The University of Louisville is an equal opportunity, affirmative action employer.

THE UNIVERSITY OF CONNECTICUT CHEMICAL ENGINEERING DEPARTMENT

invites applications for two tenure-track positions: one in Biological Applications (assistant/associate professor) and one in Environmental Applications (all levels). The successful candidate will have a Ph.D. in chemical engineering or closely-related field, a commitment to excellence in research and teaching, and the ability to establish an internationally-recognized research program. The Chemical Engineering Department currently has 12 faculty, over 60 graduate students, and expenditures of more than \$3.5 MM/year in sponsored research. UConn is ranked as the #1 public research university in New England and is currently undergoing a \$2.3 billion infrastructure expansion. **Applicants should ground mail a vitae, statement of research and teaching, and names of four references to: Prof. Doug Cooper, Search Chair; Chemical Engineering Dept. Unit 3222; University of Connecticut; 191 Auditorium Road; Storrs, CT 06269-3222.** The University of Connecticut is an affirmative action and equal opportunity employer.

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

INDUSTRY RESOURCES



Practical Solutions
**Leaders in Process Safety,
Risk Analysis, Human
Factors & Fire Protection**



RRS ENGINEERING
RISK + RELIABILITY + SAFETY
281.334.4220

www.rrseng.com

Engineering Profiles

Chemical Industry Recruiters
Technical – Engineering – Operations
www.engineeringprofiles.com

P.O. Box 15537
Pensacola, FL 32514
Billy Price Email: bprice@engineeringprofiles.com

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

Library: 26 buckram-bound volumes,
CEP 1947-84, also 35 bound volumes AIChE
Journal, 1955-1989. Plus unbound, to date.

E-mail becoengco@aol.com



Process Safety and Reliability Group

GLOBAL HSE SOLUTIONS & SERVICES
PROCESS SAFETY & RISK MANAGEMENT
FIRE SAFETY & LOSS PREVENTION
RELIABILITY ENGINEERING
SECURITY ASSESSMENT AND PLANNING
OSHA, EPA, DOT, MTSA, ISPS COMPLIANCE & TRAINING

9001 Westheimer, Suite 302
Houston, Texas 77062 USA
Web: www.pargroup.com

Tel: 713-917-6885 (1-800-358-6511)
Fax: 713-917-6886
Email: parghouston@pargroup.com

CHAIRPERSON DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING UNIVERSITY OF MARYLAND, COLLEGE PARK

Applications and nominations are invited for the position of Professor and Chairperson of the Department of Chemical and Biomolecular Engineering. The Department has reached an especially exciting point in its long history. In addition to the recent change in the department's name from the Department of Chemical Engineering to the Department of Chemical and Biomolecular Engineering, a number of junior faculty have recently joined the department and, in concert with the senior faculty, new areas of biologically related research are currently being explored. A renovation of the building in which the department resides is expected to be completed this summer. As an integral part of the highly-rated A. James Clark School of Engineering at the University of Maryland, we seek a dynamic individual to lead the department into an energetic new era.

Selection criteria include: Earned doctorate in Chemical Engineering or closely related field, Integrity, Creativity, Excellent interpersonal skills, Strong leadership abilities, Record of achievement in research and scholarship, Commitment to education, Potential for excellence as manager and administrator, and Compatibility with College and Department growth plans.

The University of Maryland is an equal opportunity affirmative action employer. Women and under represented minority candidates are particularly encouraged to apply.

With a budget of \$10.7 million, the Department has 16 full-time faculty, 5 emeritus and 4 adjunct faculty working on research in the areas of biochemical and metabolic engineering, nanoparticle technology, complex fluids, polymer engineering, and process systems engineering. The department has 100 undergraduate students, 60 graduate students 80% of whom are pursuing a PhD degree.

Applications should include a cover letter, complete curriculum vitae and names of at least five references and should be received by August 1 for best consideration. Submit applications to:

**Professor David Barbe
Professor and Associate Director
Maryland Technology Enterprise Institute
2115 Potomac Building
University of Maryland
College Park, Maryland 20742-3415**