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POSITIONS OPEN

ENVIRONMENTAL ENGINEER

Responsible for managing the Reverse Osmosis plant, such as ensuring usage of the correct chemicals at appropriate dosages, monitoring quality of the water, conduct membrane cleaning, etc. MS in Environmental & Resource Engineering req. Jobsite: Gila Bend, AZ 85337. **Send Resume to: samir@doubtreepapermills.com**

PH.D. RESEARCH CHEMICAL ENGINEER

Bend Research Inc., a growing multidisciplinary contract research, development and manufacturing company specializing in improving health, is seeking a Ph.D. Research Chemical Engineer to perform research and development of pharmaceutical processes. Successful candidates will have strong understanding of fundamental theories and be able to apply them in an experimental setting. Areas of expertise should include mathematical (steady state and dynamic) modeling, experimental design, and the analysis and clear presentation of experimental

results. Experience with Matlab; control system design (MPC, optimization, automation hardware/software); computational fluid dynamic (CFD, FLUENT, Gambit); and latent variable modeling is also desirable. **Please send cover letter and resume to hr@bendresearch.com (www.bendresearch.com).**

TECHNICAL SERVICE ENGINEER-HEATER CLEANING GTC TECHNOLOGY US LLC

Generate new sales and develop business opportunities, and carry out field works onsite for the Heater Cleaning business unit. B.S. in Chemical Engineering or an equivalent field, and one year process engineering and on-line heater cleaning & operations experience with a refining/petrochemicals company. Job site: Houston, Texas. Domestic and international travel required up to 50%. **Mail applications to Ms. Sheila Klonis, GTC Technology US, LLC, 1001 S. Dairy Ashford Road, Suite 500, Houston, TX 77077. Refer to job code KTY001 when applying.**

PRODUCT DEVELOPMENT ENGINEER ALTAMIRA INSTRUMENTS

Growing scientific instruments manufacturing company (Pittsburgh, PA) seeks product development engineers to engage in instrument design and software development of new products & improve existing products. Manage the design, production, testing and installation of company products. Estimate production cost and generate production progress reports for management. **Send 2 resumes to HR, Altamira Instruments, 149 Delta Drive, Suite 200, Pittsburgh, PA 15238. www.altamirainstruments.com.**

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**VISIT AIChE'S CAREERENGINEER JOB BOARD FOR ADDITIONAL
EMPLOYMENT OPPORTUNITIES**
<http://careerengineer.aiche.org> or
<http://www.aiche.org> (Career Resources then Find a Job)

Employers seek AIChE members due to their commitment to professional excellence. AIChE Membership gives you the job-seeking advantage. Upload your resume FREE for employers to contact you. Member resumes are placed at the top of the list for employers to view first. Some of the many positions found on AIChE's targeted chemical industry job board include:

- Engineer – Process Control — *INVISTA*
- Heavy Oil Geologist — *BP*
- Process Technology Business Lead — *Praxair, Inc.*
- Process Control Engineer — *International Flavors & Fragrances*
- Process Safety & Emergency Response Engineer — *NOVA Chemicals*
- Process Engineer – Fermentation — *Novozymes Biologicals, Inc.*
- Production Team Leader— *Stepan Company*
- Process Engineer — *Honeywell*
- Technical Manager — *Horsehead Corporation*
- Process Engineer P.E. — *Core Engineering*

THE UNIVERSITY OF
ALABAMA

Chemical and Biological ENGINEERING

The Department of Chemical & Biological Engineering at The University of Alabama seeks applications and nominations for a new Associate/Assistant Professor, with a strong emphasis in biological engineering. UA's ChBE program is growing in quantity and quality of undergraduate and graduate students and is part of a major facility expansion, including several new buildings (over 900,000 sq. ft.) available for interdisciplinary research and teaching.

We are seeking candidates who will develop a nationally competitive research program that will complement the current biological research foci of the department and build bridges with interdisciplinary colleagues in UA's biological sciences, chemistry, and engineering departments. The successful candidate must have a balanced perspective on research and instruction. Teaching at both graduate and undergraduate levels is essential. Applicants must hold a doctoral degree in chemical engineering or a closely related field. UA's Chemical and Biological Engineering Department offers B.S., M.S., and Ph.D. degrees, and currently has an enrollment of over 425 undergraduate students, 27 graduate students, and 13 professors. Sponsored research projects currently exceed \$3.5 million. The department plays a leading role in the College of Engineering's research and educational missions. For more information on the department, see our website: che.eng.ua.edu. Interested persons should submit a curriculum vita, a cover letter, description of research plans, a statement of teaching philosophy, and contact information for three references. These documents should be uploaded by accessing: facultyjobs.ua.edu and uploading to the Biological Engineering position listed under organization # 214221, requisition #0806118.

Review of applications will begin immediately and will continue until the position is filled. The University of Alabama is an equal opportunity/affirmative action, Title IX, Section 504, ADA employer.



ACADEMIC OPENINGS

ASSISTANT PROFESSOR - ENGINEERING (TWO POSITIONS)-0404342

The School of Engineering at James Madison University is searching for two new faculty members to the School of Engineering. JMU's program focuses on sustainability, engineering design, and systems analysis. We are seeking applicants at the Assistant/Associate level with a broad range of undergraduate teaching and scholarship interests. More information about the program and its curriculum, faculty, and students can be found at <http://www.jmu.edu/engineering>. To view the full job posting and to apply for this position go to <https://JobLink.jmu.edu> and reference posting number 0404342. AA/EOE.

LOUISIANA TECH UNIVERSITY CHEMICAL ENGINEERING FACULTY POSITION

The Louisiana Tech University College of Engineering and Science invites applications for tenure-track positions in the Chemical Engineering Program. Academic requirements include a Ph.D. and undergraduate in Chemical Engineering. Excellence in teaching is required, and candidates must have the ability to develop and sustain an externally funded research program. Special emphasis will be given to candidates whose research leverages Tech's excellent computational resources and experimental resources in Nano/Micro/Biotechnology; especially in applications related to ENERGY, DEFENSE, or HEALTH-CARE. Louisiana Tech's Institute for Micromanufacturing is a 41,000 sq. ft. world class facility with 5,000 sq. ft. of clean rooms along with characterization tools such as TEM, SEM, AFM, XPS, confocal microscopy, etc. Louisiana Tech houses one of the five nodes that comprise the Louisiana Optical Network Initiative. As part of this initiative, Louisiana Tech maintains a 112 processor IBM P5-575 supercomputer along with Dell Linux cluster capable of 4.77 teraflops that contribute to a total of 85 teraflops available on LONI to researchers at Louisiana Tech. In addition, several opportunities in NSF funding through engineering education projects exist through partnership with Tech's Integrated STEM Research Center. The Chemical Engineering program at Louisiana Tech University is an ABET accredited program which boasts an undergraduate enrollment of approximately 195 students out of 1,830 undergraduate students total in engineering. The strong presence of chemical, petro-chemical, and pulp-paper companies in the Gulf Coast region ensures the importance of Louisiana Tech's Chemical Engineering to the state and region, with an excellent job placement and student internship opportunities. The College has over 150 students in one of three Ph.D. programs (Engineering, Biomedical Engineering and Computational Analysis and Modeling - Chemical Engineering faculty have advised all three) and over 200 MS students. The College faculty have an average of almost \$250k in research expenditures per FTE. Louisiana Tech is located in Ruston, Louisiana, which is a town of approximately 25,000 located in the Northern part of the state.

Applicants are encouraged to send a cover letter, a curriculum vita, a teaching philosophy statement, a research program summary, and contact information for three current references to: Dr. James Palmer, Director of Chemical Engineering, Box 10348, Ruston, LA 71272-0046 or email electronic version of requested information to facultysearch@latech.edu (please put Chemical Engineering in the subject). Review of applications will begin December 1, 2011, and will continue until the position is filled. The starting date is September 1, 2012 (possibly sooner). Louisiana Tech University is a recipient of a National Science Foundation ADVANCE Award to increase the participation of women in academic science and engineering careers. Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

THE DEPARTMENT OF CHEMICAL AND PETROLEUM ENGINEERING AT THE UNIVERSITY OF KANSAS (KU)

is seeking an outstanding candidate with expertise in regenerative medicine and tissue engineering at the Associate Professor rank, although exceptional candidates at a higher rank will be considered. This faculty position is among those released as part of the School of Engineering Building on Excellence Initiative. Special consideration will be given to applicants committed to excellence who can contribute to the University's innovative, collaborative, and multidisciplinary initiatives to educate leaders, build healthy communities, and make discoveries that will change the world. See <http://www.provost.ku.edu/planning/>. The outstanding environment at KU includes two nearby medical centers, a new engineering building, the Bioengineering Research Center, and the Institute for Advancing Medical Innovation. The Department of Chemical and Petroleum Engineering has a proud tradition of commitment to both undergraduate and graduate education. The department has 17 faculty members, over 400 undergraduate students, and 60 graduate students. A detailed position description and online application procedures can be found at <https://jobs.ku.edu> (search position 00209293). The position is available beginning August 18, 2012. Salary and benefits are competitive and commensurate with qualifications and experience. Nominations are welcomed and should be sent to Professor Michael Detamore at detamore@ku.edu. Review of applications will begin on January 15, 2012 and will continue until selections are made. EO/AA Employer.

UNIVERSITY OF HOUSTON, DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING, FACULTY POSITIONS

The Chemical and Biomolecular Engineering Department at the University of Houston seeks two tenure-track or tenured faculty with proven record of pioneering research and exceptional teaching. Although the research field is open, we are especially interested in candidates specializing in biomolecular engineering, materials or energy. Appointment to our faculty requires a Ph.D. in Chemical Engineering or a related field. **Please email Linda Keng (LKeng@mail.uh.edu) or send a curriculum vitae, detailed description of research interests, and names, phone numbers and e-mail addresses of at least three references to: Faculty Search Committee, Chemical and Biomolecular Engineering Dept., Engineering Bldg. 1, Rm. S-222, University of Houston, Houston, TX 77204-4004.** The University of Houston is an Equal Opportunity/Affirmative Action employer. Women, minorities, veterans, and persons with disabilities are encouraged to apply. <http://www.che.uh.edu>

FACULTY POSITIONS IN THE DEPARTMENT OF CHEMICAL AND ENVIRONMENTAL ENGINEERING UNIVERSITY OF CALIFORNIA, RIVERSIDE

The Department of Chemical and Environmental Engineering at the University of California, Riverside invites applications for tenure-track positions in the areas of environmental engineering and technology and materials for energy. Applications are especially encouraged from individuals with research interest in advanced oxidation processes, membrane technology, and materials for energy storage. Applicants should have a distinguished academic record, exceptional potential to conduct world-class research, and a commitment to teach chemical and environmental engineering classes at both the undergraduate and graduate levels. Senior candidates may be considered with an exceptional research, teaching, and graduate student record. A doctoral degree in chemical or environmental engineering or a related field is required. **Details and application materials are at www.engr.ucr.edu/facultysearch.** The search committee will review applications beginning on 1/15/12 and continue to receive applications until the positions are filled. EEO/AA employer.



Faculty Positions in Nanyang Technological University of Singapore – (School Of Chemical and Biomedical Engineering)

The School, comprising the Division of Chemical and Biomolecular Engineering and Division of Bioengineering invites applications for tenure-track faculty appointments at the Assistant, Associate or Full Professor level in:

Details of the School can be found on <http://www.scbe.ntu.edu.sg/Pages/default.aspx>

Chemical and Biomolecular Engineering

Candidates must have at least a B.Sc. or B.Eng. in Chemical Engineering, a Ph.D. in Chemical Engineering or other closely related areas from reputable universities. Research expertise is required in one of the following areas: Electrochemical Engineering, Energy and Carbon Capture, Food Engineering, Control, Pharmaceutical Engineering, Printed Electronics, Synthetic Biology, and Microbial Engineering.

Bioengineering

Candidates must have at least a B.Sc. or B.Eng. in Life Sciences, Mechanical Engineering, Electrical Engineering, Computer Science/ Engineering or Bioengineering, a Ph.D. in Bioengineering or other closely related areas from reputable universities. Research expertise is required in one of the following areas: Microbiology, antibacterial drug discovery, pathogen resistance studies, antimicrobial agents and mechanism, and system biology.

Creative and energetic individuals who show extraordinary promise or accomplishment in other related areas will also be considered. In addition to the qualifications and research expertise, candidates should have interests in undergraduate and graduate teaching, a track record of excellent publications and preferably successful grant applications.

APPLICATION PROCEDURE

Qualified candidates are invited to submit an application. Guidelines for Submitting an Application for Faculty Appointment are available at <http://www.ntu.edu.sg/ohr/Career/SubmitApplications/Pages/Faculty.aspx>. The post applied for should be clearly stated. Electronic submission of application is encouraged and can be forwarded to:

Chairman, Search Committee
School of Chemical and Biomedical Engineering
NANYANG TECHNOLOGICAL UNIVERSITY

E-mail: scbe_recruit@ntu.edu.sg
Website: www.scbe.ntu.edu.sg



Chemical Engineering & Applied Chemistry UNIVERSITY OF TORONTO

Leadership and Innovation in Chemical Engineering and Applied Chemistry University of Toronto

Faculty Position - Assistant Professor - Job # 1101149

The Department of Chemical Engineering and Applied Chemistry invites applications for a faculty position in the tenure-stream at the rank of Assistant Professor, effective on or after July 1, 2012. The successful candidate will show leadership and innovation in research and teaching.

Applicants are expected to have a PhD or equivalent, demonstrated excellence in research and excellent teaching skills. Postdoctoral or industrial experience is an asset. The successful candidate will be expected to initiate and lead an independent research program of international caliber, and teach in the chemical engineering curriculum at the undergraduate and post-graduate level. Collaborative and interdisciplinary research and collegial interaction will be important elements in success. Although research related to sustainability, the environment and health, and food processing are of particular interest, applicants across the entire range of the Department's research interests are encouraged to apply. Eligibility to register as a Professional Engineer in Ontario is a desirable qualification. Salary will be commensurate with qualifications and experience.

Applicants should submit the following materials by email to facultysearch.chemeng@utoronto.ca: a curriculum vitae, a statement of research vision with a five to ten year horizon (three to five pages), and a statement of teaching philosophy and interests. Applicants should also arrange for three letters of reference to be sent directly to:

D.Grant Allen
Professor and Chair,
Department of Chemical Engineering and Applied Chemistry,
University of Toronto
200 College St.
Toronto, ON, Canada
M5S 3E5
Email: facultysearch.chemeng@utoronto.ca
Inquiries: chair.chemeng@utoronto.ca
Information: www.chem-eng.utoronto.ca

The search will continue until the position is filled. To ensure consideration, interested individuals should submit complete application materials before **January 31, 2012.**

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

THE UNIVERSITY OF MISSISSIPPI, DEPARTMENT OF CHEMICAL ENGINEERING, having a strong undergraduate program and internationally recognized researchers, seeks to add to its faculty at the assistant professor level. Our ABET accredited, undergraduate program offers a BS degree in Chemical Engineering with emphasis areas in: Biotechnology, Materials, and Environmental. The department offers MS and Ph.D. degrees in Engineering Science. A bachelor's in Chemical Engineering with a doctorate or equivalent in Chemical Engineering or closely related field is required. All qualified candidates will be considered; however, preference will be given to candidates who meet one or more of the following criteria: Can build collaborative research programs with existing University entities such as: departments within the School of Pharmacy (pharmaceutics, etc.), The Center for Manufacturing Excellence, The National Center for Natural Products, etc.; Research interests that could be of potential benefit to the citizens of Mississippi; A demonstrated commitment to undergraduate education, such as a good teaching record at the undergraduate level, participation in the ASEE summer school, or other pedagogical training; Commitment to the development of undergraduate researchers. For more information, visit the department's web page at <http://www.engineering.olemiss.edu/chemical/> or contact Peter Sukanek, Professor and Chair of the search committee, Department of Chemical Engineering, University of Mississippi, University, MS 38677. **Applicants must apply online at www.jobs.olemiss.edu, attaching the**

following documents: a letter of application; CV; a statement of research interests; a statement of teaching philosophy and/or teaching portfolio; and a list of at least five references with email addresses. Review of applicants will begin no later than January 16, 2012. Applications and nominations will be accepted until the position is filled. The University of Mississippi is an EEO/AA/Title VI/Title IX Section 504/ADA/ADEA employer.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. There are no restrictions on research area for candidates. Joint appointment with another Department is possible. **Applicants should send a curriculum vitae, detailed description of research and teaching interests, and names of at least three references to: cbesearch@sol.rutgers.edu, or Chair of the Search Committee, Department of Chemical and Biochemical Engineering, Rutgers The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854-8058.** Review of applications will continue until the position is filled. Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

TENURED OR TENURE-TRACK FACULTY POSITION, CHEMICAL ENGINEERING AND MATERIALS SCIENCE UNIVERSITY OF MINNESOTA

The Department of Chemical Engineering and Materials Science at the University of Minnesota seeks to fill a faculty position in Chemical Engineering and Materials Science. The position is open at the Assistant (tenure-track), Associate, or Full Professor levels. The department will consider outstanding candidates in any area. Assistant Professor candidates should have a distinguished academic record (including a Ph.D. degree), outstanding potential to establish an independent research program, and a commitment to teaching in a highly interdisciplinary department. Associate and Full professor candidates should have several years of teaching and/or research experience. **Applications should be submitted on-line, and consist of a CV (including a list of publications), a research plan, a teaching plan, and a list of three references with contact information (including email addresses). Submit applications at <https://employment.umn.edu>. Search for requisition number 174433.** Information on the department is available at www.cems.umn.edu. Review of the applications will begin immediately and continue until the position is filled. It is hoped that the successful candidate will be in place by Fall 2012. The University of Minnesota is an equal opportunity educator and employer.

MONTANA STATE UNIVERSITY, DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING invites applications for an anticipated tenure-track faculty position at the Assistant Professor level. Electronic applications in PDF form preferred, with signed original Letter of Application mailed separately. **Send letter of application, curriculum vitae including list of publications, statement of teaching and research interests, and names, addresses, and telephone numbers of three references to: chbe@coe.montana.edu or mail to: Chair, Faculty Search Committee, Department of Chemical and Biological Engineering, Montana State University, 306 Cobleigh Hall, Bozeman, MT 59717-3920.** Women and minorities are encouraged to apply. Will begin screening applications December 19, 2011 and continue to accept applications until the position is filled. For information see the MSU website at <http://www.montana.edu/jobs/faculty/12114-2>. ADA/AA/EO/VET.PREF. Claim Veteran's preference or request: HR/AA Montana State University, Bozeman, MT 59717-2430; (406) 994-2042; TDD: (406) 994-4191

UNIVERSITY OF KENTUCKY: ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING AT EXTENDED CAMPUS PROGRAM IN PADUCAH, KENTUCKY

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-track chemical engineering faculty position at the Assistant Professor level with an anticipated start date of Fall 2012. The position is associated with the University of Kentucky chemical engineering bachelor's degree program at the extended campus in Paducah, KY. Applicants should hold a Ph.D. in chemical engineering with the capability to teach across the entire chemical engineering undergraduate curriculum. Individuals should have a strong commitment to excellence in undergraduate education, and the motivation to sustain a program of independent scholarship through innovative educational activities, the direction of undergraduate research, and other independent and collaborative research endeavors. **Submit a current curriculum vitae, a statement detailing teaching interests and experience, a statement of research interests, and the name of three to five references no later than January 31, 2012. These documents can be submitted electronically at <http://www.uky.edu/HR/UKjobs>.** Review of applications will commence on December 15, 2011 and will continue until the position is filled. For more information, please contact Prof. Douglass Kalika, Chair, at kalika@engr.uky.edu.

TO PLACE A RECRUITMENT AD CONTACT:

Denise DeLuca Mallon,
Global Recruitment Sales Manager
at 646-279-2149
or denid@aiche.org

TEXAS A&M ENGINEERING

The Artie McFerrin Department of Chemical Engineering at Texas A&M University (<http://che.tamu.edu/>) invites applications for one non-tenured faculty position at the Assistant Lecturer ranking. This non-tenured faculty position requires teaching and overseeing our chemical engineering unit operations laboratory related to Chemical Engineering, and is subject to budgetary availability, student enrollment and programmatic needs; industrial experience is highly desirable. To apply, please send a curriculum vita, the names of three references and a letter of interest describing areas of expertise, highest academic degree, teaching experience, and any other relevant information to Dr. CHARLES J. GLOVER, ARTIE McFERRIN DEPARTMENT OF CHEMICAL ENGINEERING, 3122 TAMU, TEXAS A&M UNIVERSITY, COLLEGE STATION, TX 77843-3122. Applications will be considered until the positions are filled. Texas A&M University is an Equal Opportunity/Affirmative Action Employer committed to diversity. Candidates from under-represented groups are strongly encouraged to apply.