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## POSITIONS AVAILABLE

### DIRECTOR OF OIL PROCESSING OPERATIONS

Perimeter Search Group is currently seeking a Director of Oil Processing Operations for a rice bran ingredient supplier based in Phoenix, AZ. The company is developing a high-value specialty edible oil business unit. This Director will manage the operations of specialty oil processing facilities and travel to pursue domestic and international edible/veg oil opportunities. 10+ yrs oil seed crushing and/or processing and refining exp req. BS in Chemistry or Chem Eng. Previous specialty oil processing Plant Mgmt experience preferred. Competitive salary, paid relo. **Send resumes to: David Ball, Executive Recruiter, Perimeter Search Group, MRI Affiliate, david@perimetersearchgroup.com. 770-392-4800.**

### ENGINEERING PROGRAMS DIRECTOR

Perimeter Search Group is currently seeking an Engineering Programs Director for a company commercializing new technologies producing 2<sup>nd</sup> generation biofuels (based in Melbourne, FL.) Reports directly to CTO.



LIST develops and industrializes advanced and customized solutions for processing of viscous, sticky, and crust-forming products for the polymer, chemical, fiber, food and environmental industries.

LIST USA INC. has an immediate opening for a

### PROCESS / SALES ENGINEER

Responsibilities include application engineering of projects ranging in value up to \$10 Mil., pilot testing and data analysis, detailed process engineering including energy and mass balance calculations, scale up calculations, process and equipment specification, proposal development, process implementation and start-up, and others. This position requires extensive travel to and close interaction, communication and daily follow up with existing and potential customers throughout North America. Frequent travel to pilot plant at headquarters in Switzerland is also required.

Candidate must have as a minimum a BS in Chemical Engineering, a minimum of 5 years relevant experience in process engineering, enthusiasm for process solution selling, willing and able to travel extensively nationally and internationally on short notice. Excellent verbal and written communication and interpersonal skills required. Qualified candidates only, please send resumes to:

**LIST USA INC.**  
1629 Cross Beam Dr.  
Charlotte, NC 28217  
EMAIL: [jobs@list.us](mailto:jobs@list.us)

Resp. for directing mult. Mngrs of cross-functional teams. BS in Engineering. 15+ yrs exp req incl design and commissioning a commercial process for chem./biologically-based production. \$150K - \$175K plus aggressive stock grant program, paid relo. **Send resumes to: David Ball, Executive Recruiter, Perimeter Search Group, MRI Affiliate, david@perimetersearchgroup.com. 770-392-4800.**

### Alaska Process or Instrumentation & Controls Engineers

Entry, mid & senior level. Process experience in all petrochemical systems phases. Performs Hysis and/or Pro II computer simulations. Develops, manages P&IDs and provides quality control. Experience generating process equipment specs, line lists, & PSV audit files. Writes standard operating procedures & instructs field personnel. Requires experience directing & coordinating related disciplines. Arctic experience preferred. **Apply on-line at [www.asrcenergy.com](http://www.asrcenergy.com).**

### SRI CONSULTING

#### PROJECT MANAGER/PROCESS ENGINEER

Chemical engineer to join its Process Economics Program (PEP). Location is The Woodlands, TX or Menlo Park, CA. Develop conceptual designs, cost for processes used in chemical and energy industries. Process evaluations and feasibility studies for individual clients. Degree in chemical engineering or chemistry and 8-10 years of experience in process design and project management. MBA is a plus. SRI Consulting is the world's leading business research service for the global chemical industry. [www.sriconsulting.com](http://www.sriconsulting.com). **Sandi Lucas, SRI Consulting, jobs@sriconsulting.com, Phone : 650-384-4318, Fax : 650-384-4273**

### THERMAL-DESIGN ENGINEER-RESEARCH & DEVELOPMENT, KOCH HEAT TRANSFER

**Apply [www.kochcareers.com](http://www.kochcareers.com) #335426.** Koch Heat Transfer (KHT), LP, Wichita, KS office is looking for a Thermal Engineer to design heat exchangers for process, power, chemical and petrochemical industry. A successful candidate will work with mechanical engineering, planning, management, procurement and suppliers to meet product deadlines. Principal duties include concept creation, analysis, and detail design of KHT advanced heat transfer devices. Duties also include direct interface and working efforts with customers. Close working relationship with Sales, Mechanical, Quality and Project Management groups also required to meet project objectives. Travel required on occasion. Education and Abilities: Skilled in knowledge of application of heat transfer analysis methods and theory; skilled in general engineering analysis, development, documentation and communication also required; familiarity with fluid and heat transfer based design and modeling tools such as HTRI and/or HTFS is a plus. The candidate should be a self-starter who can work independently and obtain milestone driven results, combined with good oral and written communication skills and creativity in a team based work environment. Position requires work on multiple projects, balancing of competing requirements and meeting product delivery goals. Key task and responsibilities of the role: Solve a given application and create multiple design options is a key part of design responsibility; thermal and mechanical modeling and design of different type of KHT equipment; liaise closely with the sales team and external offices to design best product in terms of cost, performance, manufacturability, reliability and quality; Identify, audit and liaise with material and process suppliers as required; continuously seek and identify product improvements; support products through all phases

of design and production; maintain currency in best practice and available materials; interface with customers as needed to define the design specifications. Major Field of Study: Mechanical, Chemical and thermal Engineering, Degree in Engineering preferred.

#### **JOB #334446 - SR RESEARCH & DEVELOPMENT ENGINEER, WICHITA, KS**

**Apply @ [www.kochcareers.com](http://www.kochcareers.com).** Koch Glitsch LP, located in Wichita, KS has an immediate opportunity for a Sr Research & Development Engineer. An engineer in the research and development function at Koch-Glitsch works as part of a team to: Develop new mass transfer equipment and mass transfer related technologies, to better understand and improve existing technologies; find new and better ways to use these new and existing technologies; train and otherwise assist internal and external customers in the use, application, and implementation of those technologies. A Senior Level R & D Engineer at Koch Glitsch works closely with the engineering, manufacturing and sales and marketing departments. The Wichita R & D capability is undergoing expansion and newly hired employees will participate in the expansion as new physical facilities are added to support the company's increasing commitment to research and development. Learn more at [www.kochglitsch.com](http://www.kochglitsch.com). Requirements: A passion for mass transfer and research & development; Significant exposure to real applications and issues associated with product design in gas, oil, refining, petrochemical and specialty products will enable the right individual to hit the ground running; Experience with the design of trayed and packed towers Mist elimination design/development; CFD calculation (hands on); PhD with 3 + years of relevant experience or BS/MS with extensive experience in Chemical Engineering.

#### **PRODUCTION/PROCESS ENGINEER**

Sherwin Alumina is seeking qualified candidates for the position of Production/Process Engineer to work at the Sherwin Alumina Plant in Corpus Christi, Texas. Position requires candidate with a degree in Chemical Engineering. Position requires a minimum of one year experience in engineering preferably in an operating process industrial environment. Candidate must demonstrate leadership in workplace safety; have excellent communication and interpersonal skills. Work is in an industrial environment. Position requires knowledge of MS Office. Sherwin Alumina offers a very competitive salary and compensation package which includes a 401K plan, medical, dental, and vision care programs, life insurance, and a defined pension plan. **Submit your resume in confidence to: Electronically to [jobs@sherwinalumina.com](mailto:jobs@sherwinalumina.com) or mail to Sherwin Alumina Company, Attn: HR Supervisor, P.O. Box 9911, Corpus Christi, TX 78469.** EOE

#### **ALLIANCES PROJECT ENGINEER**

Coordinate the business processes of CCPS, DIPPR, DIERS, and Energy initiatives leveraging regular contact between sponsor company representatives and AIChE. Manage ITA projects. Work with Director Technical Alliances and International Programs on development and implementation of strategies to meet organiza-

tional goals. Bachelor's of Science degree in engineering or related discipline required; knowledge of companies in the chemical process industry necessary; knowledge of budgeting and accounting practices; strong oral and written communication skills; experience with project management; foreign language a plus; Access, Excel, Powerpoint, Word and web productivity tools required. **Interested candidates may send their cover letter and resume to [recruitment@aiche.org](mailto:recruitment@aiche.org). Please note the title of the position in the subject line of the email.**

#### **CENTER FOR CHEMICAL PROCESS SAFETY TECHNICAL MANAGER**

The American Institute of Chemical Engineers is currently seeking a Technical Manager for its Center for Chemical Process Safety (CCPS) and International Programs Initiatives. The successful candidate will provide technical support and project management services for CCPS

## Director of the Engineering Division Lafayette College



Applications and nominations are invited for the position of Director of the Engineering Division. The Engineering Division of Lafayette College enrolls approximately 500 students in its exclusively undergraduate, ABET-accredited programs, which include Chemical, Civil, Electrical and Computer, and Mechanical Engineering. An A.B. Program in Engineering is also offered. Lafayette College is a small, highly selective, undergraduate institution where faculty/student interaction is valued and where faculty are expected to balance a strong commitment to excellence in teaching with scholarship, service, and professional development.

Responsibilities: The Director of the Engineering Division reports to the Provost, provides administrative leadership for the Engineering Division, works closely with the Engineering Department Heads, and serves as liaison between the engineering departments and the College as a whole. The Director of the Engineering Division has responsibility for:

- advising the President and Provost on Engineering Divisional issues;
- representing and promoting Lafayette's Engineering Division to the greater engineering community;
- coordinating common curriculum elements and shared equipment acquisitions in cooperation with the Department Heads and program chairs in the Division;
- coordinating engineering student recruitment activities with the Admissions Office;
- facilitating programs to retain engineering students including underrepresented groups synergistic with College diversity initiatives;
- providing support and assessment for first-year engineering students;
- providing support for multi-disciplinary student groups in the Engineering Division;
- providing support for and evaluation of innovative educational or interdisciplinary engineering initiatives;
- overseeing and coordinating ABET accreditation activities;
- supporting the College's initiatives to further integrate engineering into the educational experience of non-engineering students and liberal-arts into the experience of engineering majors;
- supervising the technical support staff for the Engineering Division; and,
- working with College administration in external fund-raising for the Engineering Division.

Qualifications: Demonstrated excellence in teaching, scholarly record warranting appointment as a tenured Faculty member in one of the Engineering Division's disciplines, demonstrated and effective management skills, and evidence of leadership ability.

Review of applications will begin March 1, 2008. For best consideration, applications should be received by April 1, 2008. However, applications will be accepted until the position is filled. Application materials should be sent to:

**Chair of Director of the Engineering Division Search Committee  
Acopian Engineering Center • Lafayette College  
Easton, PA 18042.**

Lafayette College is an Equal Opportunity Employer and encourages applications from women and minorities.

# LAFAYETTE

**A NATIONAL REPUTATION FOR ACADEMIC EXCELLENCE**

and other national and international initiatives, leveraging regular contact between sponsor representatives and international members. BS degree in chemical engineering or related discipline required; MBA desirable; minimum 10 years in industrial or consulting experience; expertise in the technical management and regulatory aspects of process safety; demonstrated leadership; international work experience; negotiating and public speaking skills; experience with contracts, licensing agreements and intellectual property protection; advanced knowledge and proficiency in Access, Excel, Powerpoint, Word and the web. **If interested in position please send resume to [recruitment@aiiche.org](mailto:recruitment@aiiche.org)**

#### **EDITOR, *PROCESS SAFETY PROGRESS***

*Process Safety Progress (PSP)*, a publication of the American Institute of Chemical Engineers (AIChE), is seeking candidates for Editor. Published quarterly, on behalf of AIChE's Safety and Health Division by John Wiley & Sons, *PSP* is a premier source of information and technology for accident prevention and investigation, case histories, troubleshooting, hazard and risk evaluations, strategies for dealing with on-site emergencies, government regulations, and many other process-safety-related topics. The successful candidate for Editor should be able to commit to a five-year term with an option for a second-term renewal. He/she will be responsible for technical content and editorial direction, with the help of an active Editorial Advisory Board. The Editor should also pursue readership growth strategies by expanding *PSP's* coverage to emerging areas, such as bio-process safety. This non-staff position comes with a stipend from AIChE. The successful candidate should have the following qualifications: Extensive experience and a solid reputation in the process safety engineering community; impeccable ethical standards; the ability

to attract authors and readers and to lead a diverse Editorial Advisory Board, respecting alternative points of view. Editorial experience is a plus. **If you are interested in this position, please e-mail the *PSP* Editor Search Committee in care of its Chair, Dr. P.C. Gopalratnam, with a statement addressing your vision as *PSP* Editor, as well as three references. Dr. P.C. Gopalratnam (e-mail: [p.c.gopalratnam@invista.com](mailto:p.c.gopalratnam@invista.com)), *PSP* Editor Search Committee Chair, INVISTA - Koch Industries.** The deadline for application is March 1, 2008.

#### **SENIOR EDITOR, *CHEMICAL ENGINEERING PROGRESS***

*Chemical Engineering Progress (CEP)*, the flagship publication of the American Institute of Chemical Engineers (AIChE), has an immediate opening for a Senior Editor who will develop, write and edit material for publication in *CEP*. This includes: identifying topics and developing and editing news and technical feature articles; working with art/design department to prepare graphics; preparing draft layouts and working with art/design to finalize them; reviewing, copyediting and proofreading articles; representing *CEP* to other AIChE entities and to the external chemical engineering and chemical process industries (CPI) communities; nurturing contacts with subject matter experts to keep abreast of industry trends, identify article ideas, and cultivate contacts as authors and news sources. Candidates should have: a bachelor's degree in chemical engineering or a related discipline; at least 3 years of experience as an editor on a trade publication (preferably one related to the CPI), or at least 5 years of experience in a technical capacity in the CPI or related field of academia; demonstrated writing and editing skills; familiarity with QuarkXpress (or InDesign), Photoshop and Illustrator; and excellent reading, reasoning and organizational skills. **Candidates should submit a resume to [recruitment@aiiche.org](mailto:recruitment@aiiche.org).**



## **PROFESSORSHIP VACANCIES Reaction Kinetics and Catalysis**

The Natural Gas Institute of the Americas (NGIA) of The University of Trinidad and Tobago (UTT) is developing academic and research (laboratory and computer-based) programmes in areas of reaction kinetics and catalysis that are relevant to the natural gas industry. Subjects include synthesis gas production, methane decomposition, carbon dioxide utilization and new gas conversion technologies.

We are seeking persons with a relevant Ph.D. and postdoctoral academic or industrial work experience to fill the following positions:

- Visiting Professor and/or
- Full-time Professor or Associate Professor.

For further information and how to apply, visit our website at:

[www.utt.edu.tt/utt/ngia](http://www.utt.edu.tt/utt/ngia)



#### **RECRUITMENT ADVERTISING 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 February 15, 2008.

##### **Rates:**

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

## ACADEMIC OPENINGS

**THE SCHOOL OF ENGINEERING AT THE UNIVERSITY OF CONNECTICUT** invites applications and/or nominations for 10 tenure-track faculty positions that will form the core of an interdisciplinary, integrated team working in the strategic areas of fuel cells or other alternative energy technologies and applications. The team will comprise qualified faculty at all ranks: Assistant, Associate Professor and Full Professor. Qualified candidates may be considered for tenured positions. This sustainable energy team will conduct visionary research, education and outreach related to a new Eminent Faculty Initiative in Sustainable Energy established in 2007 at the University of Connecticut (UConn). The initiative is sustained by a permanent allocation of more than \$2 million annually from the State of Connecticut supplemented by additional support from private industry. The Eminent Faculty Initiative will be led by a senior, internationally recognized researcher. Broad areas of technical expertise include, but are not limited to: alternative energy sources, energy conversion and storage, integrated system design and implementation, along with the corresponding enabling technologies. Applicants must have a Ph.D. in engineering or a related physical science discipline, as well as a demonstrated record of research in alternative and sustainable energies and supporting technologies, including fuel cells. It is expected this scholarly record will be outstanding and commensurate with rank. **Applications, including curriculum vitae along with the names and contact information of at least five references, should be sent to: Chair, Eminent Faculty Initiative Search Committee; Office of the Dean, School of Engineering; 261 Glenbrook Road, Unit 2237; Storrs, CT 06269-2237. Electronic submission in .pdf format is encouraged. All communications are to be sent to [efsc@engr.uconn.edu](mailto:efsc@engr.uconn.edu).** Review of applications will begin immediately, and will continue until the positions are filled. (Search # 2008260). The University of Connecticut is an Equal Opportunity, Affirmative Action employer.

**DEPARTMENT CHAIR OF CHEMICAL & BIOLOGICAL ENGINEERING AT THE UNIVERSITY OF ALABAMA** seeks applications and nominations for the position of Department Chair, with a start date as early as August 2008. The department seeks an individual who has a demonstrated record of scholarly and administrative achievement, and a professional stature meriting appointment as a tenured professor. The Chair is expected to have a strong personal vision for excellence in engineering education, research, and service and to communicate this vision effectively to students, faculty, staff, alumni, and the administration. The candidate should have strong abilities in promoting sponsored research programs, catalyzing new initiatives, leveraging the multidisciplinary educational and research culture of the university and interacting with government, industry and professional societies. Applicants must hold a doctoral degree in chemical engineering or a closely related field, and must be a U.S. citizen or a person authorized to work in the U.S. The salary is commensurate with experience. UA's Chemical and Biological Engineering Department offers B.S., M.S., and Ph.D. degrees, and currently consists of 240 undergraduate students, 20 graduate students, and 12 faculty. Sponsored research projects currently exceed \$1.8 million. The department plays a leading

role in the College of Engineering's research and educational mission. For more information on the department, see our website: [che.eng.ua.edu](http://che.eng.ua.edu). **Interested persons should submit a letter of application, a detailed professional resume, and the names of three references to: Prof. C. Heath Turner, Search Committee Chair, Department of Chemical & Biological Engineering, The University of Alabama, Box 870203, Tuscaloosa, AL 35487-0203, Telephone (205) 348-6452, Fax (205) 348-6579, E-mail: [hturner@eng.ua.edu](mailto:hturner@eng.ua.edu).** The search committee will review applications on a continuing basis and will accept applications until the position is filled. The University of Alabama is an equal opportunity/affirmative action, Title IX, Section 504, ADA employer.

### ASSISTANT PROFESSOR

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](mailto: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 February 1, 2008 and continue to accept applications until the position is filled. For information see the MSU website at <http://www.montana.edu/msuinfo/jobs/>. 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.

The Faculty of the Department of Chemical Engineering at the University of Missouri-Columbia seeks to hire up to two new colleagues who specialize in the general areas of materials and/or energy. The positions are tenure-track at the assistant, associate, or full professor level.

We are focused on candidates with a Ph.D. degree in Chemical Engineering, but will consider outstanding individuals with degrees in closely related fields. Successful applicants will possess excellent qualifications in research and scholarship. All research specialties related to Materials and/or Energy will be considered, but interests that are novel yet complement active MU programs and capabilities are particularly coveted. Teaching is integral to the MIZZOU experience and thus excellence in teaching at the undergraduate and graduate levels, in both the core curriculum and in specialty areas, is a requirement. New faculty will likely participate in developing an undergraduate option in Nuclear Engineering, so expertise in this area is also valued.

Mizzou is among the nation's most comprehensive universities. There are ample opportunities for cross-disciplinary collaborations with the other engineering and science departments, as well as the Agricultural, Medical, and Veterinary Schools. Mizzou's Research Reactor Center (MURR), the most powerful university experimental nuclear reactor in the nation, provides unique opportunities for innovation. For additional information about our department, please visit [che.missouri.edu](http://che.missouri.edu). Columbia is a quintessential mid-western college town. For information about the unique cultural and recreational activities in the Columbia, Missouri area, please visit [www.gocolumbiamo.com](http://www.gocolumbiamo.com).

Review of applications will begin immediately and continue until the positions are filled. Please include the following items in your application package: curriculum vitae, list of publications, list of four references, and a concise summary of your teaching and research plans. Application materials may be sent to:

[umcengrchedeptemail@missouri.edu](mailto:umcengrchedeptemail@missouri.edu) or  
Faculty Search Committee  
Department of Chemical Engineering  
W2033 Lafferre Hall  
Columbia, Missouri 65211

Equal Opportunity/Affirmative Action employer. Members of underrepresented groups are strongly encouraged to apply. To request ADA accommodations, please contact us at the address listed above or call (573) 882-3563. Applicants should be prepared to prove eligibility to be employed in the position in accordance with all applicable laws.

