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POSITIONS AVAILABLE

PROCESS MODELING CONSULTANT

Process Systems Enterprise Inc. (PSE Inc.; a wholly-owned subsidiary of PSE Ltd, London) is a growing engineering software and consulting company based in Cedar Knolls, NJ. PSE is a world leader in dynamic and steady-state Advanced Process Modeling for Model-Based Innovation of complex processes, equipment and products. PSE is seeking to employ an additional four Consultants, to be based in the New Jersey or London office, to support its rapidly growing consulting business. This position involves executing ModelCare projects for client companies using gPROMS® as well as user training, further development of PSE's model libraries, application development, and sales and marketing support. The position requires a PhD or a minimum of 3 years industrial experience + MS in Chemical, Biochemical, Pharmaceutical or Mechanical Engineering. Also required are first-principles modeling experience, expertise in chemical engineering (preferably both from a

modeling and experimental perspective), experience with gPROMS®, SPEEDUP®, ACM®, Dymola® or another equation-oriented modeling tool, and excellent oral and written communication skills. PSE is an equal employment opportunity employer and competitive in salary and benefits. **Please submit résumé and cover letter (required) to Sean Bermingham, Head of Consulting, jobs@psenterprise.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. **Sandi Lucas, SRI Consulting, jobs@sriconsulting.com, Phone : 650-384-4318, Fax : 650-384-4273.**

Leading Sensory Innovation



Givaudan is one of the most respected companies in the fragrance and flavor industry. Its rich heritage dates back to 1796, making it the first company to establish itself as a creator of tastes and scents. In 2006, the company achieved sales of CHF 2.9 billion with a workforce of almost 6,000 and a presence in over 100 countries.

Givaudan's wide range of expertise is categorized under the following pillars: Sensory Intelligence, Sensory Creation, Sensory Technology, and Sensory Science. By further developing these capabilities, Givaudan can accomplish its goal of becoming the Essential Source of Sensory Innovation.

Givaudan's vision is to be the Essential Source of Sensory Innovation for its customers, driven by a mutual passion for excellence. This vision reflects a desire to be top-of-mind with customers and attain true customer intimacy.

Leading Sensory Innovation™ describes Givaudan's ability to bring together nature, creativity, science, technology and business. It reinforces the vision by representing the platform under which Givaudan can demonstrate its capabilities and key points of differentiation for customers.

These capabilities are:

Sensory Intelligence: pioneering in-depth, consumer understanding supported by unique testing methodologies and market expertise.

Sensory Creation: inspired, focused and diverse creativity enhanced by an applied knowledge of all customer products categories and supported by a cutting edge palette of ingredients.

Sensory Technology: industry driver in science and technology in support of unique product applications and new market opportunities.

Sensory Service: unparalleled ability to deliver products and services globally, grounded in quality, reliability and timeliness, supported by regulatory expertise.

A single core value - **PASSION** - underlies these capabilities. Passion for Customers, Performance, Innovation and People defines Givaudan. It embodies the way the employees approach their work and is key in achieving company objectives.

We have opportunities at our Cincinnati, OH and Lakeland, FL sites for:

- **Process Development Engineers**

- **Bachelor Degree in Chemical Engineering** + 1-10 years of manufacturing experience preferred.

- These positions are responsible for developing knowledge of existing process technologies such as distillation, extraction, reaction and filtration.
 - Testing new technologies and equipment and providing technical guidance.
 - Planning and conducting experiments in plant and lab environments. Developing and writing experimental procedures and recording data.
 - Fully supporting and advising on issues with Safety, ISO9002, GMP, HACCP and any additional quality initiatives.
 - Monitor productivity results.
 - Recognize and implement improvements for yield, cost and quality.
 - Suggests recommendations and equipment changes.
 - Continuously reviews, understands and complies with all local and federal regulations in projects and proposals.

Benefits include:

- Medical Insurance
- Vision Insurance
- Dental Insurance
- Life Insurance
- 401K with match

To learn more about Givaudan, please visit our web site at www.givaudan.com

EEOE/M/F/D/V

All the above duties and responsibilities are essential job functions. All job requirements listed indicate the minimum level of knowledge, skills and/or ability deemed necessary to perform the job proficiently. This position description is not to be construed as an exhaustive statement of duties, responsibilities or requirements. Employees may be required to perform any other job-related instructions as requested by their supervisor, subject to business needs.

SR. PROCESS ENGINEER, GLEN BURNIE, MD

MILLENNIUM INORGANIC CHEMICALS, a Cristal Company and a global leader in the production of titanium dioxide pigment for the paint, plastics, and paper industries, has the following position available at its Glen Burnie, MD facility: SR. PROCESS ENGINEER, Glen Burnie, MD. Lead R&D process development projects through a stage gate process; provide engineering support; assist with project transition from R&D to Engineering groups; lead global R&D project teams; assist with hazard & operability studies; assist in laboratory pilot & plant trial equipment design, construction, commission, & testing; assist in pilot facility design & operation; & organize & supervise contractor/consultant activities. Requires 18 mos. exp. as a Process Engineer, including exp. with project mgmt., prep. of Process Flow & Piping & Instrumentation Diagrams, & AutoCAD, and BS in Chemical Engineering or related field. Visit us at www.millenniumchem.com to learn more about our company. We offer a competitive salary commensurate with experience and a comprehensive benefits package, including a profit-sharing program and a 401 (k) plan. **If you meet the above requirements and enjoy challenging work with growth potential, please email your resume to: Charles.bramlet@millenniumchem.com, or fax to: 410-229-2122.** We are an Equal Opportunity Employer M/F/D/V.

ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE UNIVERSITY OF PUERTO RICO, MAYAGÜEZ, invites applications for tenure-track faculty positions. Candidates with a strong commitment to research and undergraduate and graduate education are encouraged to apply. **Please send curriculum vitae, a description of research and teaching interests, and the names, addresses, telephone numbers and e-mail addresses of three references in PDF format to Prof. David Suleiman, Department Chair, at dsuleiman@uprm.edu or mail to**

Prof. David Suleiman, Department Chair, Department of Chemical Engineering, University of Puerto Rico, Mayagüez, PO Box 9046, Mayagüez PR 00681. Positions will remain open until filled. The University of Puerto Rico is an Equal Opportunity Employer. Women and members of under-represented groups are encouraged to apply.

UNIVERSITY OF CALIFORNIA, BERKELEY, DEPARTMENTS OF BIOENGINEERING AND CHEMICAL ENGINEERING, ENERGY BIOSCIENCES INSTITUTE (EBI), TENURED OR TENURE-TRACK FACULTY POSITIONS IN MICROBIAL BIOENGINEERING

The University of California, Berkeley, seeks applicants at both the senior and junior levels for three tenured/tenure-track faculty positions in the general area of microbial metabolic engineering, to be held in the Department of Bioengineering within the College of Engineering, and in the Department of Chemical Engineering within the College of Chemistry. These positions represent an exciting opportunity to develop a fully funded program in biofuels research within the Energy Biosciences Institute (<http://www.energybiosciencesinstitute.org>). Of particular interest are individuals whose research includes metabolic engineering and synthetic biology; however, creative and energetic individuals who show extraordinary promise or accomplishment in areas relevant to EBI will be considered. Applicants must have a Ph.D. and evidence of outstanding scholarship within a relevant discipline. Start-up and research funds will be provided by EBI. **To apply, please send a curriculum vitae, detailed statements of research and teaching interests, and names and addresses of three references to ebi-search@berkeley.edu, or to Chair, EBI Search Committee, Department of Bioengineering, 306 Stanley Hall, University of California, Berkeley, CA 94720-1762.** Refer potential reviewers to the UC Berkeley Statement of Confidentiality found at: <http://apo.chance.berkeley.edu/evaltr.html>. Applications will be accepted until June 1, 2008. The University of California is an Equal Opportunity, Affirmative Action Employer.

Professor of Biochar and Bioenergy Pyrolysis Engineering

School of Engineering and Advanced Technology

Palmerston North

Massey University seeks to appoint a world class Pyrolysis Engineer to co-lead a Government funded research programme into the potential of Biochar to mitigate and offset greenhouse gas emissions.

Closing date: 30 June 2008

Reference number: A189-08B

For further information and to apply online, visit:

<http://jobs.massey.ac.nz>

www.massey.ac.nz



Massey University
NEW ZEALAND

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How can you inform a healthy future?



Pfizer Global Research & Development (PGRD) is the world's largest research-based biomedical and pharmaceutical company in the world. In Worldwide Pharmaceutical Sciences (WWPS), our scientists develop drug delivery systems and products such as tablets, capsules, injectables, ointments, ophthalmics and controlled release formulations for clinical studies and, ultimately, commercial use. The work of WWPS begins in the early phases of discovery, optimizing new compounds and making sure the selections have the right properties to be rapidly developed into a commercial product.

Our Analytical Chemists research and develop methods to test our products and raw materials used in any and all phases of production. Pharmaceutical Scientists, Physical Chemists, Material Scientists and Chemical Engineers design seamless delivery systems for each drug, while Synthetic Organic Chemists, Biochemists, Physical Chemists, Pharmaceutical Scientists and Chemical Engineers develop the most efficient processes to improve production during each and every step of the drug discovery process.

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AIChE's CareerEngineer is the only career website for chemical engineering professionals and has been redesigned to be better than ever. It provides you with access to job openings with industry and academic leaders such as BP, Praxair, Merck, DuPont, Rohm and Haas, Dow, UOP, Stanford University, Univ. of Trinidad & Tobago, Univ. of UT, VA Tech, and North Carolina State University among others.

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King Abdullah University of Science and Technology (KAUST)

Faculty Openings in Chemical Engineering

King Abdullah University of Science and Technology (KAUST) is being established in Saudi Arabia as an international graduate-level research university dedicated to inspiring a new age of scientific achievement that will benefit the region and the world. As an independent and merit-based institution and one of the best endowed universities in the world, KAUST intends to become a major new contributor to the global network of collaborative research. It will enable researchers from around the globe to work together to solve challenging scientific and technological problems. The admission of students, the appointment, promotion and retention of faculty and staff and all the educational, administrative and other activities of the University shall be conducted on the basis of equality, without regard to race, colour, religion or gender.

KAUST is located on the Red Sea at Thuwal (80km north of Jeddah). Opening in September 2009, KAUST welcomes exceptional researchers, faculty and students from around the world. To be competitive, KAUST will offer very attractive base salaries and a wide range of benefits. Further information about KAUST can be found at <http://www.kaust.edu.sa/>

KAUST invites applications for faculty position at all ranks (Assistant, Associate or Full Professor) in Chemical Engineering including areas such as:

- Catalysis
- Complex fluids
- Energy engineering
- Fluid mechanics
- Membranes
- Molecular modelling and thermodynamics
- Process systems engineering
- Reaction engineering
- Separations technology

High priority will be given to the overall originality and promise of the candidate's work rather than the candidate's sub-area of specialisation within Chemical Engineering. Nevertheless, KAUST is particularly interested in applicants whose research has applications in the fields of water desalination, clean combustion and catalysis.

An earned PhD in Chemical Engineering or a related science or engineering discipline, evidence of the ability to pursue a program of research and a strong commitment to graduate teaching are required. A successful candidate will be expected to teach courses at the graduate level and to build and lead a team of graduate students in Master's and PhD research.

Applications, including a curriculum vitae, brief statements of research and teaching interests and the names and contact details of at least 3 referees, should be sent to the Search Committee by electronic mail to kaust.chemeng@imperial.ac.uk. Please note that the Search Committee may also appoint additional referees at its discretion. The review of applications will begin immediately and applicants are strongly encouraged to submit applications as soon as possible; however, applications will continue to be accepted until December 2009, or until all 10 available positions have been filled.

In 2008 and 2009, as part of an Academic Excellence Alliance agreement between KAUST and Imperial College London, the KAUST faculty search will be conducted by a committee consisting of professors from the Faculty of Engineering at Imperial College London. This committee will select the top applicants and nominate them for faculty positions at KAUST. However, KAUST will be responsible for actual recruiting decisions, appointment offers and explanations of employment benefits. The recruited faculty will be employed by KAUST, not by Imperial. Faculty members recruited by KAUST before September 2009 will be hosted in Chemical Engineering at Imperial College London as Academic Visitors until KAUST opens in September 2009. At Imperial, these Academic Visitors will conduct research with Imperial staff and may occasionally teach courses.

Enquiries and applications: kaust.chemeng@imperial.ac.uk

Valuing diversity and committed to equality of opportunity