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POSITIONS AVAILABLE

ENTERPRISE SOLUTIONS SPECIALIST
ioMosaic Corporation, a technology consulting and software development firm is looking for an Enterprise Solutions Specialist (programmer) to develop web-based enterprise applications for corporate electronic information management using Microsoft .NET framework technology and SQL Server. Requirements include a BS degree or equiv. in CS, chemical engineering and relevant industry experience. Experience must include automating the administration of process safety management systems for the oil, chemical and pharmaceutical industry; developing security systems for web-based applications; Microsoft indexing server; Microsoft development using a combination of C#, COM, DCOM, SQL XML XSLT, JAVASCRIPT, Web Services and WSDL; COM, ASP and HTML, and distributed computing; document management and/or SAP software development; object oriented development techniques; building and distributing a software application; MS Commerce Server, Content Management Server, and Sharepoint Portal Server. Applicants must have unrestricted authorization to work in the United States. **Qualified candidates should send resume to Henry Ozog, General Partner, ioMosaic Corporation, 93 Stiles Road, Salem, NH 03079.**

University of Utah
Chemical Engineering Department

The University of Utah seeks outstanding individuals for two assistant or associate faculty positions in the Department of Chemical Engineering; one position in the area of **energy technologies** and one in the area of **combustion simulations**. The University seeks individuals with exceptional promise for research achievement, publication and teaching excellence. Applicants must have a Ph.D. in chemical engineering, or equivalent, with knowledge of and experience in one of these two research areas and must be a U.S. citizen or a person authorized to work in the U.S. The positions are tenure-track, nine-month appointments. Interested persons should send cover letter, vitae, detailed statement of research and teaching interests and at least three reference contacts to:

Search Committee
Department of Chemical Engineering
University of Utah
50 S Central Campus Dr. Rm 3290
Salt Lake City, UT 84112

Applications will be accepted until the positions are filled. Both positions are available as of July 1, 2006. Applicants should reference this ad in their cover letters.

The University of Utah, an Equal Opportunity, Affirmative Action Employer, encourages applications from women and minorities and provides reasonable accommodation to the known disabilities of applicants and employees.

PROCESS SYSTEMS ENGINEER
Air Liquide Process and Construction, Inc. seeks qualified Process Systems Eng. in Houston, TX. Design chem. plant equip & devise processes for manufacturing chems & products by applying chem., physics, & eng. principles & tech. Support commission, start-up, & performance testing of plants. Must have BS degree in chem., mechanical, or electrical engineering plus 2 yrs exp. **Fax resume to Frédéric Judas at (713) 624-8898. Put job code P1 on resume.**

KINETICS SEEKS A CHEMICAL PROCESS ENGINEER TO: 1. Monitor, evaluate and modify sintering furnaces to minimize process upsets and maximize output. Requires understanding, investigating and applying molecular flow theory, metallurgy, reaction kinetics, mass transfer, heat transfer, and thermodynamics principles behind vacuum furnace sintering of metal injection molded parts; 2. Provide chemical engineering assistance for the Material Development Team. Requires understanding, investigating and applying physics and plastics/polymer chemistry; 3. Develop feed stocks as a part of the introduction of new product chemistries. This involves understanding and applying physics metallurgy, plastics/polymer chemistry and high temperature reaction kinetics; 4. Assist in design and specification of new furnace capacity with the Furnace Production Team. Requires understanding, investigating and supplying physics, transport phenomena and fluid dynamics principles; 5. Serve as the point person for personal protection and MSDS systems. This involves knowledge of chemistry and analytical thinking. This activity is supported by outside consultants; 6. Technical liaison for EPA SARA 313 and TOSCA reporting. Requires understanding of chemical engineering and a strong understanding of MIM and its processes. Minimum requirements: M.S. in chemical engineering and knowledge of plastics/polymer chemistry and chemical reactor design which may be gained through coursework as part of the required degree and/or experience. Hours: 8:00-5:00, Monday through Friday. **Resumes to: Human Resources, Kinetics, 10085 SW Commerce Cr., Wilsonville, OR 97070.**

ACADEMIC OPENINGS

TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING THE DEPARTMENT OF CHEMICAL, BIOMEDICAL AND MATERIALS ENGINEERING AT STEVENS INSTITUTE OF TECHNOLOGY announces a tenure-track faculty opening in Chemical Engineering for start on August 1, 2006. There are currently 14 faculty members, 10 PhD staff researchers, approximately 180 undergraduate students and 70 graduate students in the department. Faculty research covers a broad range of advanced topics with annual research expenditures well over $2.5 million. Applicants must have a PhD in chemical engineering or a related discipline. Although all research areas will be considered, preference will be given to candidates with research interest and expertise in areas relevant to nanotechnology, bioengineering, and micro-chemical/micro-biological systems. The successful applicant is expected to develop strong extramurally funded research programs, and show a strong commitment to teaching excellence at both undergraduate and graduate levels. The appointment will be made at the rank of Assistant Professor, although a higher rank will also be considered for candidates with exceptional achievements and experiences. Applications will be accepted until the position is filled. **Applicants should submit a curriculum vitae, a detailed description of research plan including short- and long-term goals, and the contact information of three references to: Prof. Matthew Libera, Chair, Faculty Search Committee, Department of Chemical, Biomedical, and Materials Engineering, Stevens Institute of Technology, Hoboken, New Jersey 07030**

ENDOWED CHAIR IN NANOTECHNOLOGY

The Chemical Engineering Department at the University of Louisville invites applications for its Endowed Chair Professorship in Nanotechnology. The endowment and the tenure-track faculty position are funded as part of a major academic research initiative by UofL, the State and the Louisville community. Candidates should have a doctorate in chemical engineering or a related field, a BS in chemical engineering and a record of achievement in nanometer-scale science and engineering. Appointment may be at the Assistant, Associate or Full Professor level and the successful applicant will be expected to fully participate in the research, teaching and service mission of the Chemical Engineering Department. The preferred areas of interest relate to the broad topics of nanophase materials and nanoscale systems. **Apply by sending curriculum vitae, contact information for references, and a brief statement of research and teaching interests, preferably by e-mail to plluml01@uofl.edu, or by mail to Nanotechnology Endowed Chair Search Committee, c/o P. Lumley, Chemical Engineering Department, University of Louisville, Louisville, Kentucky 40292.** AA/EO.

DEPARTMENT OF CHEMICAL ENGINEERING (CIT) OF THE FACULTY OF ENGINEERING AT THE KATHOLIEKE UNIVERSITEIT LEUVEN (BELGIUM) invites applications for 3 tenured or tenure-track faculty positions: **in the field of chemical product design (24/2019):** The candidate should be competent in the field of chemical product development or specific related sub fields. He/she is expected to conduct research projects independently in the above-mentioned field and to attract and manage (industrial) research projects. The research projects should involve the expertise of more than one division of CIT. Moreover, teaching courses in the chemical engineering curriculum and related training programmes will be part of his/her tasks. The candidate should hold a chemical engineering degree and a doctorate in applied sciences or equivalent. **In the field of Intensification of chemical processes (24/2018):** The candidate should have previous experience in aspects of or in the larger field of intensification of chemical processes. He/she should have a sound knowledge of chemical processes and should be familiar with environmental and energy problems as well as with the demands to the chemical industry emerging from these problems (eco-efficiency, Kyoto, sustainability, ...). Industrial experience can be an advantage. The candidate is expected to conduct research programmes independently in the above-mentioned field, and to attract and manage (industrial) research projects. The research should involve the expertise and frame in the research programme of more than one division of CIT. Moreover, teaching courses in the chemical engineering curriculum and in related curricula will be part of his/her tasks. The candidate should hold a degree in chemical engineering and a doctorate in applied sciences or equivalent. **In the field of (Bio)chemical Process Engineering (as of 01.10.2006) (24/2017):** The candidate is expected to conduct research in the field of the (bio)chemical process engineering, focussing on mathematical modelling and model based design and optimization of (bio)chemical transformation processes. Important fields of application include biological wastewater treatment and (bio)chemical production processes. The candidate is expected to: hold an engineering degree and a doctorate in relevant fields; have experience in multidisciplinary research concerning the interaction of engineering techniques and (bio)chemistry/(micro)biology; have expertise in mathematical modelling and model based process design and optimisation. The candidate is expected to conduct research complementary to the activities of the Division of Chemical and Biochemical process technology and control, and of the Department (CIT), and to teach courses in the above mentioned field. Moreover he/she should be willing to teach core courses of the chemical engineering curriculum. The candidate should be able to prove experience in the above-mentioned research field and have the necessary pedagogical skills. **For all 3 positions:** Depending on his/her qualifications and experience the candidate will start as Assistant Professor, Associate or Full Professor. **For further information about the applications/application forms please check the web site: www.kuleuven.be (Faculty of Engineering) and http://www.kuleuven.be/admin/rd/niv3p/vzap6/ad-j02twn.htm. Applications should reach our Personnel Department before January 31st 2006. Please also send a copy to Prof. J.Van Impe (Chairman of our Department) jan.vanimpe@cit.kuleuven.be**

SCHOOL OF CHEMICAL, BIOLOGICAL AND MATERIALS ENGINEERING, UNIVERSITY OF OKLAHOMA, FACULTY POSITION OPENING, ASSISTANT, ASSOCIATE OR FULL PROFESSOR (TENURE-TRACK)
The School of Chemical, Biological and Materials Engineering (CBME) at The University of Oklahoma invites applications for a tenured/tenure-track faculty position to build on a research emphasis in the School on cardiovascular tissue engineering. Candidates must hold an earned doctorate in chemical engineering or closely related discipline with a strong background in the biological sciences. Rank and salary will be commensurate with experience and qualifications. Successful candidates will be committed to excellence in both research and teaching, and they will function effectively in a multidisciplinary research environment. Candidates should have previous research experience in cardiovascular tissue engineering and be able to collaborate with researchers in engineering, health sciences and biology. Experience in technology transfer is desirable. CBME offers competitive startup packages, exciting opportunities for research collaboration, and a supportive environment for new faculty. **Candidates should send a resume, description of research plans, teaching interests, and names of three references to: Search Committee, School of Chemical, Biological and Materials Engineering, The University of Oklahoma, 100 East Boyd, SEC T335, Norman, OK 73019-1004.** Applications will be reviewed until candidates are selected and recommended for appointment. The University of Oklahoma is an Equal Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply.

THE CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT AT RICE UNIVERSITY invites applications or nominations for a tenure-track or tenured faculty position. The successful candidate should have a distinguished academic record, demonstrated excellence in research, and a strong commitment to both graduate and undergraduate chemical engineering education. Candidates should have an earned doctorate in chemical engineering, physics, chemistry, or related disciplines. Preference will be given to candidates with research interests in the areas of soft condensed matter, nanomaterials or bionanotechnology, including complex and micro/nanostructured fluids, manufacturing and processing of nanomaterials, and physics and chemistry of biomolecules and cells. The search is coordinated with parallel searches in areas of advanced materials in the Rice departments of Mechanical Engineering & Materials Science and Civil & Environmental Engineering. **Please send resume, list of references, and a research plan to Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, MS-362, Rice University, P.O. Box 1892, Houston, TX 77251-1892.** The availability of this faculty position is subject to final approval by the University. Rice is an Equal Opportunity/Affirmative Action Employer.

MICHIGAN STATE
UNIVERSITY

The Johansen Crosby Endowed Chair in Chemical Engineering

The Department of Chemical Engineering and Materials Science at Michigan State University is inviting applications for the Johansen Crosby Endowed Chair in Chemical Engineering. Professor Edwin Johansen Crosby, an alumnus of the department of chemical engineering at Michigan State University established this Endowed Professorship together with his wife, in memory of his parents. This is an academic tenure track position. The position is targeted at a person who will provide leadership in the areas of sustainable engineering, energy technologies, biomedical engineering or other emerging technology area. Candidates are expected to have demonstrated sustained excellence in research, scholarship and teaching.

Applicants are invited to send their curriculum vitae, a statement of plans and the names and addresses of three references to **Professor K. Jayaraman, Search Committee Chairperson for The Johansen Crosby Endowed Chair in Chemical Engineering, Department of Chemical Engineering and Materials Science, 2527 Engineering Building, East Lansing, MI 48824-1226 (email address: jayarama@egr.msu.edu).** Applications received by February 28, 2006 will receive full consideration, however, the search will continue until the position is filled.

Women and minorities are strongly encouraged to apply. Persons with disabilities have the right to request and receive reasonable accommodation. Applicants who are not U.S. citizens or permanent residents must provide documentation verifying employment authorization in the United States.

Michigan State University enjoys a park-like campus of over 2,000 developed acres and over 3,000 acres of outlying research facilities and natural areas. The campus is adjacent to the city of East Lansing and the capital city of Lansing. The Greater Lansing area has approximately half a million residents. The local communities have excellent school systems and place a high value on education. Michigan State University is proactive in exploring opportunities for the employment of spouses, both inside and outside the University.

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