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POSITIONS OPEN

SENIOR ENTERPRISE SOLUTIONS SPECIALIST SOUGHT BY IOMOSAIC CORPORATION, a technology consulting and software development firm located in Salem, NH, to design and develop database-driven web application including the knowledge management software ioXpress with contact management, timecard management, expense report management, project management and action tracking system, company website with online store/shopping cart and online chat features using Microsoft .NET framework technology and SQL Server database. Requires a Bachelor's degree or equivalent in Computer Science or closely related field and five years of work experience in software development; or, in the alternative, a Master's degree or equivalent and no experience. Must also have a strong background in Chemical Engineering demonstrated by either a Bachelor's degree in Chemical Engineering or at least two years experience of doing software development supporting Chemical Engineering applications. Must have thorough knowledge of object-oriented programming and relational database (SQL); java/C#, and xml. **Qualified candidates should send resume to Henry Ozog, General Partner, ioMosaic Corporation, 93 Stiles Road, Salem, NH 03079.**

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- Chemical Process Engineer – Promerus LLC
- Process Engineer – Vertellus Specialties Inc.
- Applications Engineer – Buhler Aeroglide
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- Project Manager – EPC – RTI International

While on the site, be sure to upload your resume FREE for employers to view and contact you. AICHE member resumes are placed at the top of the list for employers to view first.

ACADEMIC OPENINGS

UCLA CHEMICAL & BIOMOLECULAR ENGINEERING DEPARTMENT is seeking applicants for a faculty position effective academic year 2011/2012. Candidates must have a PhD degree in chemical engineering or a related field, and be qualified to teach undergraduate and graduate courses and to mentor MS and PhD students. The rank and research area are open. **Resumes, reprints of selected publications, a statement of research and teaching plans and a list of four references should be forwarded to: Prof. Harold G. Monbouquette, Chair, UCLA Chemical and Biomolecular Engineering Department, Box 951592, Los Angeles, CA 90095-1592.** Review of the applications will begin on December 1, 2010. The successful candidate will provide evidence of adherence to the highest standards of scholarship and professional activities and will be appointed at a salary level commensurate with education and experience. The University of California, Los Angeles and the Chemical and Biomolecular Engineering Department are committed to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY invites applications and nominations for a tenure-track faculty position at the Assistant Professor level for Fall 2011. Exceptional candidates are encouraged to apply and will be considered for appointment at the Associate or Full Professor rank. Candidates are expected to contribute to one of two experimental research thrust areas in the department: (1) Biomolecular Engineering (synthetic systems biology, immunology, and cellular and protein engineering are of special interest) and (2) Energy and Materials, broadly defined, including all aspects of energy conversion (solar, fuel cells), energy storage (batteries, supercapacitors), and energy efficiency; nanomaterials approaches to energy solutions are of particular interest. A Ph.D. with a distinguished academic record in engineering or applied science is required. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded and internationally recognized scholarly research program. Ranked in the top 20 nationally, Vanderbilt University is located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Interdisciplinary research opportunities exist with faculty in many other departments within the School of Engineering, the College of Arts and Science, and the School of Medicine. **Interested individuals should send the following application materials to the Search Committee Chair (chbesea@vanderbilt.edu) in one electronic file (PDF or WORD format): curriculum vitae, a statement of research and teaching interests, and the names and addresses of at least three references. Screening of applications will begin September 15, 2010. Applications will not be accepted after December 1, 2010.** Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

VILLANOVA UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING ACADEMIC OPENING

Villanova University invites applications for a tenure-track position in the Department of Chemical Engineering to begin in August 2011. An earned doctorate in Chemical Engineering or a closely allied discipline is required. The applicant must be committed to excellence in engineering education, must be an excellent communicator and must be able to develop an active and funded research program that will lead to scholarly growth and development. Research interests are open; but energy, sustainability, bioengineering, and advanced materials areas are preferred. Ideally the candidate should have experience with and an interest in the development and solution of mathematical models, especially using numerical techniques, that could lead to collaborations with current faculty. Appointment at either a junior or a senior level is possible, depending on the credentials and qualifications of the applicant. Villanova is an Affirmative Action/Equal Opportunity Employer. We are committed to building a diverse faculty and strongly encourage applications from women, minorities, and individuals with disabilities who understand and support the values inherent in Villanova's Catholic character and Augustinian tradition. We offer B.S., M.S., and Ph.D. degrees along with a M.S. in Sustainable Engineering. **All application materials must be submitted online at jobs.villanova.edu and should include an application letter, resume,**

statements of research and teaching experience and vision, transcripts, and the names and contact information of three professional references. Application materials are due no later than December 15, 2010.

CLEMSON UNIVERSITY, CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position(s): The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for one or more openings at the level of Assistant Professor or higher, commensurate with the candidate's experience and level of achievement. Individuals with outstanding potential and scholarly interests in modern Chemical and Biomolecular Engineering are sought. All research areas will be considered. Candidates must have earned a Ph.D. in Chemical Engineering or a closely related field. **Applicants should send a single pdf file containing a cover letter, resume, research plan, statement of teaching interests/philosophy, and names and addresses of three references to ChBESearch@clemson.edu.** Review of applications will begin on October 1, 2010. Applications received by December 15, 2010, will receive full consideration, with the review process continuing until the position is filled. Clemson University, the land grant university of South Carolina, is located on the shores of Lake Hartwell in the foothills of the Blue Ridge Mountains. Information about the department is available at www.clemson.edu/ces/departments/chbe/. Clemson University is

an Affirmative Action/Equal Employment Opportunity Employer and does not discriminate against any individual on the basis of age, color, disability, gender, national origin, religion, sexual orientation, veteran status, or genetic information.

MULTIPLE FACULTY POSITIONS IN ENERGY-RELATED SEPARATIONS RESEARCH, UNIVERSITY OF NOTRE DAME

As a part of a campus-wide sustainable energy initiative, the Notre Dame Energy Center at the University of Notre Dame (<http://energycenter.nd.edu>) invites applications for multiple open-rank positions, including endowed-chairs, in energy-related separations research. Areas of interest broadly include theoretical and experimental development of novel materials and/or approaches for separations using absorption, adsorption, membranes and biological or hybrid systems. Energy-related applications could include air separation, less energy intensive groundwater remediation and wastewater treatment methods, water desalination, recovery of dilute organics from aqueous solutions, and actinide/nuclear separations, among many others. Notre Dame's energy initiative encompasses the Colleges of Science and Engineering, builds on existing strengths in materials for more sustainable nuclear, fossil, and solar energy, and represents a new phase in the University's research growth with strategic investment in people and infrastructure. Successful candidates will bring strong programs in engineering or chemical sciences, will embrace



UNIVERSITY OF SOUTH CAROLINA

The University of South Carolina invites applications for a tenure-track Assistant Professor position in Polymer Nanotechnology. Preference will be given to those candidates that have a strong background in the areas of polymer nanotechnology and nanocomposites; however, outstanding candidates from all areas of polymer science and engineering are encouraged to apply. Exceptional candidates may be considered at a higher rank. Applicants should possess a Ph.D. degree in chemical engineering, polymer or materials science and engineering, chemistry or a related field, and are expected to teach core courses in their respective home department (chemical engineering, chemistry, or related) as well as courses in a polymer chemistry and engineering curriculum. The successful candidate is expected to develop an internationally recognized, externally funded research program as part of the USC thrust in polymer nanocomposite research in the new Horizon I research building. Interested applicants should send an electronic letter of application, curriculum vitae, a concise description of research and teaching plans, and three letters of reference to Professor Brian Benicewicz, FEI Cluster Search Committee, Horizon I Bldg, 541 Main Street, University of South Carolina, Columbia, SC 29208 via PNCFac@sc.edu. For full consideration, applications must be received by December 10, 2010.

The University of South Carolina is an Affirmative Action/Equal Opportunity Employer. Minorities and women are especially encouraged to apply. The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of race, color, religion, sex, national origin, age, disability, sexual orientation or veteran status.

Tenure-track Faculty Positions at National University of Singapore Department of Chemical and Biomolecular Engineering

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required.

Please refer to <http://www.chbe.nus.edu.sg/career/career-faculty.html> for more information on the areas of interest and for application details. Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and names of at least three references to: Prof. Jim Yang LEE, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg). Shortlisted candidates are invited to meet the Faculty Search Committee at the 2010 AIChE Annual Meeting in Salt Lake City.



collaborations within and across disciplines, and will incorporate excellence in both undergraduate and graduate education. Senior applicants should have a record of national and international distinction. Primary and joint appointments are envisioned in the Departments of Chemical and Biomolecular Engineering, Civil Engineering and Geological Sciences, Aerospace and Mechanical Engineering, and Chemistry and Biochemistry. **Applicants should submit a curriculum vitae, a list of publications, detailed research plans, and a statement of teaching interests. Junior candidates must also arrange at least three letters of recommendation, while senior applicants can apply in confidence. Applications will be reviewed beginning November 1st and on a continuing basis until the positions are filled. All materials should be e-mailed to villarosa.2@nd.edu (Subject: Energy Search) or post-mailed to Energy Search Committee, c/o Barb Villarosa, Notre Dame Energy Center, 115 Stinson-Remick Hall, Notre Dame, IN 46556.** The University of Notre Dame, an equal opportunity employer with a strong institutional and academic commitment to diversity, endeavors to foster a vibrant learning community animated by the Catholic intellectual tradition.

FACULTY RECRUITING IN CHEMICAL ENGINEERING THE UNIVERSITY OF TEXAS AT AUSTIN

The Department of Chemical Engineering seeks outstanding applicants for two tenure-track faculty positions at the Assistant Professor level. A Ph.D. is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. Candidates with research and teaching interests in all areas relevant to the field of chemical engineering will be considered. Applications from women and minorities are strongly encouraged. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a sponsored research program, collaborate with other faculty, and be involved in service to the university and the profession. **Interested persons should submit in electronic form a detailed curriculum vitae including academic and professional experience, statements regarding their teaching philosophy and research plans, a list of peer reviewed publications and other technical papers, and the names, address and telephone numbers of three or more references to: Chair, Department of Chemical Engineering, The University of Texas at Austin, Austin, TX 78712-0231 (chefaculty-search@che.utexas.edu). Scheduling for interviews will begin in late November 2010.** A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

UNIVERSITY OF SOUTH CAROLINA BIOMEDICAL ENGINEERING PROGRAM

The College of Engineering and Computing (www.cec.sc.edu) seeks to fill multiple tenure-track positions (at the rank of assistant, associate, or full professor) in the area of biomedical engineering (<http://biomed.engr.sc.edu/>). These positions are associated with and are expected to support a NSF RII award building a statewide alliance focused on biofabrication (<http://www.scepscoridae.org/epscor/2009NSFR11.html>). Areas of research specialization include, but are not limited to: biofabrication, biomaterials, mechanotransduction, biomimetics, biofluid mechanics, and computational modeling. Faculty associated with the statewide biofabrication effort have significant opportunities and access to world class facilities and staff across the state with expertise in the clinical, engineering, physical, and computational sciences. Primary appointment will be in the Department of Chemical Engineering or Mechanical Engineering and will be affiliated with the Biomedical Engineering Program. Applicants must have a Ph.D. in a relevant field and a record indicating exceptional potential for research in an area of biomedical engineering relevant to the statewide biofabrication effort. Postdoctoral research experience is beneficial but not required. The successful candidate will establish an interdisciplinary research program of national and international prominence and demonstrate dedication to graduate and undergraduate education. Applicants with appropriate experience and qualifications will be considered for an Endowed Chair in Advanced Tissue Biofabrication. **Applications should submit with their letter of application, a curriculum vitae, research and teaching plans, and contact information for at least three references. Applications should be submitted electronically to Ms. Carol Davis (BiomedFac-Search@cec.sc.edu).** The initial screening of applicants will begin on November 1, 2010. Positions will remain open until all positions are filled. The University of South Carolina is an affirmative action, equal opportunity employer. Applications from underrepresented minority groups and women are especially encouraged.



FACULTY POSITIONS IN CHEMICAL AND BIOLOGICAL ENGINEERING, TUFTS UNIVERSITY

The Department of Chemical and Biological Engineering (ChBE) at Tufts University will be conducting searches for multiple tenure-track faculty positions over the next several years. In addition to our ongoing search to fill the position of Department Chair, in AY2010-2011 we are seeking to fill a position at the Assistant or Associate Professor rank in the field of molecular aspects of biochemical engineering. Exceptional candidates in other areas will also be considered. We are looking for candidates whose research interests complement those of our present faculty, and who will be committed to fostering excellence in scholarship, teaching, and the interdisciplinary thrust areas of the School of Engineering at Tufts. Candidates should possess a doctorate in chemical engineering or a related field and show evidence of strong leadership and the ability to develop and sustain an externally funded, internationally recognized research program.

The ChBE Department comprises nine full-time tenured and tenure-track faculty, three part-time research faculty, two Professors of the Practice, and three adjunct professors. It prides itself as an excellent place of learning, offering an integrated curriculum in chemical and biological engineering to a highly select group of students. Currently, the department has approximately 100 undergraduates and 50 graduate students. The faculty has a strong presence in the academic community, with research expertise that spans the areas of catalysis, energy materials, biotechnology, cell and metabolic engineering, nanotechnology, and systems engineering.

Screening of applications will begin immediately and continue until the position is filled. Applications received by November 1, 2010 will receive full consideration. Please send a letter of interest, curriculum vitae, list of publications, a brief description of research and teaching plans, and references to: Professor Maria Flytzani-Stephanopoulos, Search Committee Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA 02155. Applications should be submitted via Email to erin.quigley@tufts.edu. Tufts University is an Equal Opportunity/Affirmative Action employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply.

THE UNIVERSITY OF SOUTH CAROLINA INVITES APPLICATIONS FOR A TENURE-TRACK ASSISTANT PROFESSOR POSITION IN CHEMICAL ENGINEERING.

Preference will be given to those candidates that have a strong background in the areas of environmental studies, preferably as applied to the field of energy production from coal. Applicants should possess a PhD in chemical engineering or a related field. The successful candidate is expected to develop an internationally recognized, externally funded research program as part of the USC research thrust in Strategic Environmental Approaches to Energy Production from Coal, located in the new Horizon I research building. **Interested applicants should send one (1) complete PDF file that includes a letter of application, curriculum vitae, a concise description of research and teaching plans, and three letters of reference to: Search Committee Chair, Department of Chemical Engineering, University of South Carolina, Columbia, SC 29208 via ChemEngSearch@cec.sc.edu. For full consideration, applications must be received by December 1, 2010.** The University of South Carolina is an affirmative action, equal opportunity employer. Applications from underrepresented minority groups and women are especially encouraged.

ASSISTANT/ASSOCIATE/FULL PROFESSOR POSITIONS DEPARTMENT OF CHEMICAL ENGINEERING, VIRGINIA TECH

The Department of Chemical Engineering at Virginia Tech seeks outstanding candidates for two open faculty positions, one at the Assistant Professor level and the other at any level, with the rank being commensurate with experience and qualifications. Exceptional Senior-level candidates will be considered for an open endowed chair available to the Department. Applicants should have a Ph.D. in Chemical Engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. Outstanding candidates in any chemical engineering discipline are sought, but one position is targeted for a computational engineering faculty member. Candidates with interests in energy-related research would especially complement departmental priorities. **Interested individuals should apply on-line at <http://jobs.vt.edu> (access "search postings" for posting**

number 0100678 and submit a curriculum vitae, a statement of teaching and research goals, and the name and contact information of three professional references). For more details visit <http://www.che.vt.edu/> or contact: Professor Eva Marand, Faculty Search Committee, Department of Chemical Engineering (0211), Virginia Tech, Blacksburg, VA 24061. The candidate review process will begin December 1, 2010, and the search will remain open until both positions are filled. Female and minority applicants are especially encouraged to apply. Virginia Tech is an Equal Opportunity/Affirmative Action 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; however, preference will be given to research interests in the following areas: Pharmaceutical Processing (particle technology, nanoparticle synthesis, etc.), Emerging Energy Technologies (synfuels, biofuels, heterogeneous catalysis, etc.), Advanced Materials, as well as areas that will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems (<http://ercforsops.org>). 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



المعهد البترولي
THE PETROLEUM INSTITUTE
Abu Dhabi, UAE

FACULTY POSITIONS

Chemical Engineering

Chemical Engineering Department
is seeking applications for the following positions:

Chair Professor, Distinguished Professor
Professor, Associate Professor, Assistant Professor
Senior Research/Teaching Associate
Research/Teaching Associate

Department faculty will be expected to teach undergraduate and graduate courses, develop an active research program, and to engage in professional and institutional service activities. Opportunities to interact with PI industrial stakeholders and other local industries will be a key feature in the development of a research program.

Institution: The Petroleum Institute (PI) was created in 2001 with the goal of establishing itself as a world-class institution in engineering education and research in areas of significance to the oil and gas and the broader energy industries. The PI's sponsors and affiliates include Abu Dhabi National Oil Company and several major international oil companies, namely Shell, BP, Jodco and Total. The campus has modern instructional laboratories and classroom facilities and is now in the planning phase of three major research centers on its campus. The PI is affiliated with the Colorado School of Mines, the University of Maryland (College Park), the University of Minnesota and Johannes Kepler University in Linz, Austria. Recent additions to collaborating institutions include Rice University and University of Texas, Austin. The growth of the PI is instrumental to meet the business and research needs of the fast growth of the UAE industry. For additional information, please refer to the PI website: www.pi.ac.ae.

For details on the positions and to submit your application, please go to:

<http://www.pi.ac.ae/jobs>

Review of applications will begin immediately and will continue until successful candidates are selected. Only shortlisted applicants will be notified.



浙江大学
Zhejiang University

Professors/ Associate Professors/ Lecturers

Department of Chemical and Biological Engineering

Zhejiang University, one of the very top ranked comprehensive research universities in China, invites applications for faculty positions at all ranks in its Department of Chemical and Biological Engineering. As the first chemical engineering department founded in China in 1927, the department aims at continuously strengthening its education and research and establishing itself as a world-class institution. The Department's current research strengths are in the areas of polymerization and polymer engineering, biotechnology and bioengineering, pharmaceutical engineering, industrial ecology and environmental engineering, chemical machinery and process equipment. The Department is also aggressively expanding the areas of energy and sustainable engineering, catalysis, process safety and health systems engineering. Candidates with interests that complement and strengthen these areas are welcome to apply.

Applicants must have a PhD degree in chemical engineering or a related field with postdoctoral or industrial experience. The successful candidates are expected to develop strong, independent, and innovative research programs, and contribute to both undergraduate and graduate education.

Applicants should send curriculum vitae, statement of research and teaching interests, and a list of three references to renql@zju.edu.cn attn. Prof. Qilong Ren, Chair of Department of Chemical and Biological Engineering, Zhejiang University, 38 Zhe Da Road, Hangzhou, P.R.China, 310027 or directly to Prof. Ren during Zhejiang University Reception at 2010 AIChE Annual Meeting in Salt Lake City (November 8, 2010 from 7:00 to 9:00 p.m.). Reviews of applications will continue until successful candidates are selected. Additional information about the Department and the University is available at www.zju.edu.cn.

is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

UNIVERSITY OF NOTRE DAME

CHEMICAL & BIOMOLECULAR ENGINEERING FACULTY OPENINGS

The Department of Chemical & Biomolecular Engineering at the University of Notre Dame is pleased to announce openings for tenured or tenure-track faculty at any rank. A Ph.D. or equivalent degree is required. All research fields are welcome. Applicants should have developed, or show potential for development of, an outstanding research program and possess a strong commitment to graduate and undergraduate education. **Applicants should send a pdf file of their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: CBEopen@nd.edu. Please direct any questions to mjim@nd.edu.** Notre Dame is an equal opportunity/affirmative action employer.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT THE CALIFORNIA INSTITUTE OF TECHNOLOGY

invites applications for a tenure-track chemical engineering faculty position. Candidates with strong commitments to research and teaching excellence are encouraged to apply. We expect to make the appointment at the assistant professor level, but consideration will be given to exceptionally well-qualified applicants at the associate and full professor levels. Appointment will be contingent upon completion of all requirements for a Ph.D. in chemical engineering or in a related field. **Submit curriculum vitae, publication list, a description of proposed research, and three letters of recommendation to Chair of the Chemical Engineering Search Committee, M/C 210-41, California Institute of Technology, Pasadena, CA 91125. Submission should be made via electronic mail to search@cheme.caltech.edu. Applications should be received by October 15, 2010.** The California Institute of Technology is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans, and disabled persons are encouraged to apply.

FACULTY POSITION AT CARNEGIE MELLON UNIVERSITY

The Departments of Chemical Engineering and Engineering and Public Policy at Carnegie Mellon invite applications for a joint tenure-track faculty position preferably at, but not restricted to, the Assistant Professor level. We seek outstanding candidates who are committed to research excellence in chemical engineering and want to spend a significant portion of their time addressing public policy problems. We are particularly interested in candidates with expertise in air quality and public policy, other aspects of environmental engineering, renewable energy technologies, and technical and policy issues in process systems, nano and/or biotechnology. **Apply at <http://www3.cheme.cmu.edu/jobs/apply.htm>.**

FACULTY POSITION

UNIVERSITY OF COLORADO ([WWW.COLORADO.EDU/CHE](http://www.colorado.edu/che)).

The Department of Chemical and Biological Engineering seeks to hire exceptional candidates as assistant professors, with higher levels also considered. Candidates with interests in all research areas will be considered and applications are particularly encouraged in biological, energy and materials-related areas. **Applicants should go to <http://www.colorado.edu/che/department/faculty-search.html> for information on submitting their applications.** Review of applications will begin in October 2010. The University of Colorado is committed to diversity and equality in education and employment.

THE SCHOOL OF CHEMICAL ENGINEERING, PURDUE UNIVERSITY, seeks outstanding individuals at Assistant or Associate Professor rank with a Ph.D. degree and a strong background relevant to chemical engineering. Candidates should have research interests aligned with one or more Purdue College of Engineering signature areas (visit <https://engineering.purdue.edu/Engr/Cluster>), with special emphasis on catalysis, solar energy, and batteries for electric vehicles. They should also have a distinguished academic record, exceptional potential to conduct world-class research, and a commitment to teach at both the undergraduate and graduate levels. For senior applicants, an excellent reputation in the field of specialty is required. **For consideration, please complete the online application form at <https://engineering.purdue.edu/Engr/AboutUs/Employment/Applications> and include curriculum vitae, statement of teaching and research interests, and the names and addresses of four references.** Review of applications will begin September 1, 2010 and

continue until the position is filled. Purdue University is an equal opportunity/equal access/affirmative action employer fully committed to achieving a diverse workforce.

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING,

UNIVERSITY OF WISCONSIN-MADISON invites outstanding individuals to apply for tenure-track or tenured faculty positions that are available as part of three campus-wide initiatives in cutting-edge science and technology. The first is the Wisconsin Bioenergy Initiative: a university-based coalition that capitalizes and expands the talent to create, commercialize and promote bioenergy solutions. In order to advance these goals, UW-Madison is seeking to hire a faculty member with interest and expertise in catalytic conversion of biomass to fuels. Individuals with proven research in the development of novel chemical conversion routes, catalyst development, or catalytic processes are encouraged to apply. **Please visit www.wbi.wisc.edu/careers for details and submission instructions.** The second initiative is the Systems Biology thrust of the Wisconsin Institute for Discovery: the department seeks outstanding faculty applicants with expertise in Quantitative Experimental Biology or Computational Biology. Areas of interest include but are not limited to innate and adaptive immunity, virus-host and microbe-host interactions, and ecological and evolutionary dynamics. **Apply on-line at newfac.sysbio.discovery.wisc.edu.** The third initiative is the Tissue Engineering thrust of the Wisconsin Institute for Discovery: the department seeks outstanding faculty applicants with expertise in chemistry, materials science, polymer engineering, and cell or developmental biology. Areas of interest include but are not limited to tissue engineering, biomaterials, drug delivery and regenerative medicine. **Apply on-line at newfac.bionates.discovery.wisc.edu.** In all cases, candidates should have a distinguished academic record, exceptional potential for creative research and a commitment to both graduate and undergraduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. Applications received prior to Dec. 31, 2010 will receive full consideration. Unless confidentiality is requested in writing, information regarding applicants must be released upon requests. Finalists cannot be guaranteed confidentiality. UW-Madison is an Equal Opportunity/Affirmative Action employer.

REGISTER NOW

AICHE PROFESSIONAL & INTERNSHIP ONLINE CAREER FAIR, OCTOBER 26-27, 2010

Whether you're an active jobseeker or willing to consider a better opportunity if the right one presents itself, AIChE is the best source for targeted jobs that fit your career goals and qualifications. Connect with leading Chemical Process Industry Employers with opportunities ranging from internships to experienced PhD openings.

- * **SEARCH JOBS.** Search and apply to Career Fair employer job postings (postings with the AIChE logo). Access hundreds of jobs often not seen on general job boards.
- * **REVIEW COMPANY PROFILES.** Research your potential employer and learn about their goals and corporate culture.
- * **BUILD OR UPLOAD YOUR RESUME.** Include your anonymous resume in the database for employers to review and contact you for an interview on the Career Fair days. When an employer is interested, you can decide whether or not to release your contact information based on that employer's job opening. Employers will have access to your resume up to 30 days after the Career Fair.
- * **PARTICIPATE IN A CAREER SESSION TO POLISH YOUR JOB HUNTING SKILLS AND PREPARE FOR THE CAREER FAIR.** Members are encouraged to use their credits for AIChE's popular digital library and training center, ChemE on Demand, and choose from a full suite of Career Sessions geared toward job search success.

Plan to participate to be on your way to landing your dream job. Stay tuned to the Career Resource Section of the AIChE website, www.aiche.org.

AUBURN UNIVERSITY, DIRECTOR OF THE ALABAMA CENTER FOR PAPER AND BIORESOURCE ENGINEERING, SAMUEL GINN COLLEGE OF ENGINEERING, DEPARTMENT OF CHEMICAL ENGINEERING

Director of the Alabama Center for Paper and Bioresource Engineering: The Auburn University Department of Chemical Engineering invites applications for the position of Director of the Alabama Center for Paper and Bioresource Engineering. This center director and faculty position is to become available in June, 2011. The director is responsible for conducting and fostering research and instruction in the pulp, paper and biorefining engineering areas and allied disciplines. In addition, the director will pursue the missions of the Auburn Pulp and Paper Foundation and will provide leadership to the pulp and paper research and manufacturing community. The director is responsible for the research and educational programs of the Center at both the graduate and undergraduate levels. This is a tenure-track position at the rank of Associate or Full Professor within the Department of Chemical Engineering. The successful candidate will demonstrate a strong commitment to excellent administration, research, teaching, and outreach. Experience within the paper and bioresource arena is desired. The candidate must have a Ph.D. in Chemical Engineering or related discipline. A detailed description of the position and the qualifications is found at the Chemical Engineering Department website <http://eng.auburn.edu/programs/chen/>. Review of applications will begin November 15, 2010. Auburn University is an Affirmative/Equal Opportunity employer and educational institution and encourages minorities and women to apply for this position. **Candidates should send a resume, description of research plans, research accomplishments, teaching experience and interests, and names of three references via email to: Search Committee Chair, position #148000, (chesearch@eng.auburn.edu), Department of Chemical Engineering, Auburn University, Auburn, AL 36849-5127.**

FACULTY POSITION - WAYNE STATE UNIVERSITY

The Department of Chemical Engineering and Materials Science seeks applications for a tenure-track position at the assistant or associate professor level, with appointment beginning in Fall 2011. The position is open to all areas related to chemical engineering, including energy, sustainability, nanotechnology and biomaterials. Candidates should have a Ph.D. degree in chemical engineering or a related field, and a strong commitment to undergraduate and graduate education. Candidates should have the potential to develop a nationally recognized, externally-funded research program. Applicants should send a complete curriculum vitae and description of future research plans, and four references. Our department offers an excellent research environment, with state-of-the-art laboratories in the new 82,000 sq. ft. Danto Engineering Development Center. Our external funding has grown to approximately \$3.5 million/year, and strong multi-disciplinary research and educational efforts in energy, nanotechnology/nanomedicine, and sustainable engineering represent recent departmental highlights. WSU has a strong focus on interdisciplinary research, with opportunities to collaborate with outstanding faculty in Engineering, Medicine, Science, and Pharmacy. **Applications should be submitted online at: jobs.wayne.edu/applicants/Central?quickFind=191974 (position number 037309). For further information, contact Professor Charles W. Manke, Chair, Dept. Chemical Engineering and Materials Science, 5050 Anthony Wayne Drive, Room 1105, Detroit, MI 48202, or email cmanke@eng.wayne.edu.** Review of applications will begin in December 2010. Women and minority candidates are encouraged to apply. Wayne State University is an equal opportunity/affirmative action employer.

THE DEPARTMENT OF PAPER ENGINEERING, CHEMICAL ENGINEERING, AND IMAGING AT WESTERN MICHIGAN UNIVERSITY

invites applications for two tenure track faculty positions at the Assistant or Associate Professor level. Preferred areas of interest for the two positions are a) biochemical, biomedical, and bio systems and b) coatings, nanostructures, and printed electronics. Other areas may be considered. Each successful candidate is expected to teach undergraduate and graduate courses in chemical engineering, to advise graduate students, and to develop an externally funded research program. Each candidate must have an earned PhD in chemical engineering or other closely related field and be eligible to work in the United States. The successful applicants will be expected to start in the fall 2011 semester. The Carnegie Foundation for the Advancement of teaching has placed WMU among the 76 public institutions in the nation designated as research universities with high research activity. Western Michigan University serves over 25,000 students at its main and branch campuses. The College of Engineering and

Applied Sciences offers 17 undergraduate, 9 master's and 6 doctoral programs. **Candidates must submit their application materials via Western Michigan University's web site at: www.wmich.edu/hr/careers-at-wmu.htm. Create an account and then search for posting a) 0601298 or b) 0601299 and select the "view" link. Once you have viewed the posting, click "Apply for this Posting". Complete the Faculty Credential Summary and then upload your application materials.** Application materials must include a current curriculum vitae, a description of research plans and teaching interests, and contact information for a minimum of three references. To ensure full consideration, a complete application must be received by December 15, 2010. Questions about these positions should be sent to Dr. Raja G. Aravamuthan, search committee chair, at raja.aravamuthan@wmich.edu. Additional information is available on the College of Engineering and Applied Sciences website: <http://www.wmich.edu/engineer/>. WMU is an affirmative action/equal opportunity employer consistent with applicable federal and state law. All qualified applicants are encouraged to apply.

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 HEALTHCARE. 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 160 students out of 1650 undergraduate students total in engineering. The strong presence of chemical, petrochemical, 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 cmensearch@latech.edu.** Review of applications will begin November 1, 2010, and will continue until the position is filled. The starting date is September 1, 2011 (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.

TO PLACE A RECRUITMENT AD

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