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POSITIONS AVAILABLE

SENIOR PROCESS DEVELOPMENT ENGINEER - (FY07-059)

This job will focus on developing cause and effect relationships in new and existing processes. Minimum Education & Experience Requirements: MS or PhD in Chemical Engineering with 5+ years experience modeling processes. **Please visit our website for more information at www.Alkermes.com**

BUSINESS DEVELOPMENT

Porous Media designs and manufactures advanced technologies for the high performance separation of solids, liquids and gases. We are seeking PhD Chemical Engineers or Chemists with a minimum of 2 years' industrially relevant experience for our Advanced Separations Business Development Team. This team pursues the identification and acquisition of business in the refining, gas processing, and chemicals industries. The role is in the Houston area and includes prospecting, presenting, building relationships with worldwide clients to help identify and validate process optimization opportunities. Additionally, it includes laboratory analysis, field development efforts, and some travel. We are well-established, fast-growing, have the spirit of a start-up, and offer a lateral, team-centered environment. **Send Resume to hr-cep@porous.com**. Porous Media is an Equal Opportunity Employer.

Innovative careers are part of the process

Aspen Technology, Inc. is the market leader in providing industry-leading software and professional services that help process companies improve efficiency and profitability by enabling them to model, manage and control their operations.

AspenTech is looking for Process Modeling and Software Development engineers for its new Process Modeling Center of Excellence, located in Cambridge, Massachusetts. Many of the market-leading software applications that the process industries depend on today for simulation and optimization, such as Aspen HYSYS® and Aspen Plus™, are developed at this location.

We are currently looking for:

Process Modeling Engineers

- MS/PhD in Chemical Engineering
- Process modeling experience in the areas of refinery modeling, reactor modeling, pipeline hydraulics, distillation, thermodynamics, mathematical algorithms and solution methods
- Working knowledge of C++ programming

Software Developers

- MS/PhD in Chemical Engineering
- Software experience programming in C++
- Experience using AspenTech products is a definite plus

If you have a true passion for Process Modeling and Simulation, we want to speak with you.

Please apply online at www.aspentech.com or email your resume to: Freddie.Martins@aspentech.com

An Equal Opportunity/Affirmative Action Employer



FIELD SERVICES

Porous Media designs and manufactures advanced technologies for the high performance separation of solids, liquids and gases. We are seeking Chemical and Mechanical Engineers with industrially relevant, hands-on experience for our Technical Field Services Team. This team pursues the engineering, development and testing of technology for the refining, gas processing, and chemicals industries. The role is in the Houston area and includes laboratory analysis, field development efforts, and some travel. We are well-established, fast-growing, have the spirit of a start-up, and offer a lateral, team-centered environment. **Send Resume to hr-cep@porous.com**. Porous Media is an Equal Opportunity Employer.

MEMBER OF RESEARCH STAFF - CHEMENG

The Xerox Research Centre of Canada is actively seeking Chemical Engineering candidates at a PhD level to contribute to exploratory research programs in the area of "novel processes for materials synthesis." We are interested in identifying suitable candidates in the areas of (but not limited to) process intensification, organic synthesis, colloidal chemistry, molecular self-assembly. The individual would work closely with organic and polymer chemists to design new processes and chemistries to deliver novel materials for xerographic applications, and should possess the following skill set: Proven knowledge of chemical engineering for new process design at a PhD or Post Doctoral level is required; experience in design and preparation of nanostructure materials using, for example, colloidal chemistry, emulsion polymerization, molecular self-assembly, crystal engineering would be an asset; experience in microfluidics or process intensification would be an asset; ability to work well in a multidisciplinary team environment; communication skills and organization skills are essential. Xerox is actively committed to building a diversified workforce. **If you are looking for a career that offers on-going challenge and growth, please email your resume to: HR@xrcc.xerox.com**. Website for Xerox Research Centre of Canada: <http://www.xerox.com/innovation/xrcc.shtml>. We thank everyone for their submission and interest but only those identified for an interview will be contacted.

PROCESS ENGINEER 5 PLUS YEARS, FLUOR HOUSTON OFFICE

Job Description: Process engineers (All Levels) with process design experience in petroleum refining, petrochemicals, gas processing, GTL plants, LNG terminals and chemical plants. Capable of performing process studies, conceptual design, front end engineering and detailed engineering. Responsible for process work such as process simulations Hysys, Pro II and Aspen, process flow diagrams, process equipment design and P&ID's. Working in the project oriented environment and interfacing effectively with project and engineering disciplines. Capable of applying chemical engineering principles to the work process. Skills and Qualifications: A bachelor degree in chemical engineering; a minimum of 5 years of the applicable industry experience. **Contact: Chris Moody: christopher.moody@Fluor.com**

ENGINEERING

The Dow Chemical Company has an opening in its Midland, MI office for the following position: Senior Research Engineer: Design, troubleshoot, analyze solids processing equipment for chemicals and plastics; research dilute, dense phase pneumatic conveying flows; utilize powder mechanics and shear testing, friction analysis; MS req'd. (Job Code: MI1001-SRE). **Send resumes to: Attn: Workforce Planning/LL, 9330 Zionsville, 1D102, Indianapolis, IN 46268. Must reference to job code and position title in subject line.** EEO/fully supports affirmative action practices.

**CHEMIST/CHEMICAL/AGRICULTURAL ENGINEER,
EASTERN REGIONAL RESEARCH CENTER, U.S. DEPARTMENT
OF AGRICULTURE, AGRICULTURAL RESEARCH SERVICE**

The Eastern Regional Research Center (ERRC), Agricultural Research Service, USDA, Wyndmoor, PA has an opening for a Post-Doc/Research Associate with a background in Chemistry or Engineering. The Research Associate will work with a group of chemical engineers and scientists in the Crop Conversion Science and Engineering Research Unit, who are conducting research to improve thermochemical processes for conversion of agricultural biomass into renewable fuels such as pyrolytic oils (bio-oil) and syngas by developing innovative processes and test methods. The work involves bench- and pilot-scale production of liquids and gases, their characterization using HPLC and GC/MS, and further conversion and purification into clean hydrogen and valuable coproducts. The successful candidate, as a member of a research team, formulates plans, conducts, interprets and disseminates research. A Ph.D. in chemistry, chemical engineering, agricultural engineering or a related degree is required. Knowledge of organic chemistry, process engineering, physical methods of structural analysis, and standard analytical testing methods is required. Salary is commensurate with experience and at GS-11/12 level. Information on employee benefits is available at: <http://www.usajobs.opm.gov/ei61.asp>. ERRC is located on an attractive 27-acre campus just outside Philadelphia, in Montgomery County, Pennsylvania. Employees enjoy a flexible work schedule and have access to public transportation, computer center, pilot plants, microscopy, library, etc. More information on the position can be found at: <http://www.afm.ars.usda.gov/divisions/hrd/hrdhomepage/vacancy/06088.htm>. **To apply send a resume to Dr. Akwasi (Kwesi) Boateng, Research Chemical Engineer, ERRC/ARS/USDA/NAA, 600 E. Mermaid Lane, Wyndmoor, PA 19038-8598 or to Akwasi.Boateng@ars.usda.gov. Phone: 215-233-6493, Fax: 215-233-6406.** USDA/ARS is an Equal Opportunity Employer. Women and Minorities are encouraged to apply.

EDITOR, ENVIRONMENTAL PROGRESS

AIChE is looking for a new Editor for *Environmental Progress*. *Environmental Progress (EP)*, an official publication of the American Institute of Chemical Engineers, in cooperation with its Environmental Division, produced on AIChE's behalf by John Wiley & Sons, is seeking candidates for its Editor. Dedicated to furthering clean and sustainable industry practices, *Environmental Progress* covers a broad spectrum of the state-of-the-art technologies for pollution prevention, emission control and waste treatment; environmental regulations and compliance; environmental software and book reviews; sustainability, and more. For 25 years, environmental engineers, professionals, and managers have relied on *EP* as a premier source of current information on environmental developments, case histories and useful troubleshooting tips. The successful candidate for *EP* 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 its technical content and editorial direction, with the help of an active Editorial Advisory Board that represents

various specialties within environmental engineering. The Editor should also pursue readership growth strategies by expanding *EP's* coverage to emerging areas. This non-staff position comes with a stipend from AIChE. The successful candidate should: Have extensive experience and a solid reputation in the environmental engineering field; be strongly committed to serving the environmental and chemical engineering community through *Environmental Progress*; have impeccable ethical standards; demonstrate the ability to lead a diverse Editorial Advisory Board and to respect alternative points of view; be able to appreciate the ever-diversifying field of chemical engineering. **If you are interested in applying for this position, please send an e-mail to the *EP* Editor Search Committee Chair, with a statement addressing your vision as *EP* Editor, as well as a list of three references: Danny Reible, *EP* Editor Search Committee Chair, reible@mail.utexas.edu. The deadline for application is October 15, 2006.**

Technology Manager, Resins and Chemicals

Honeywell Specialty Materials, a \$4.4 billion strategic business group, is a world leader in the high performance materials. You'll find us in items you use everyday at work and at home, around the world. Resins and Chemicals is a \$1.1 billion business unit within Specialty Materials with a focus around Nylon 6.

The person in this position will be responsible for delivering bottom line performance through caprolactam related process improvements. Develop new nylon resin applications and develop new resin chemistries for improved properties. Stay abreast of and respond to new business opportunities. The position also leads a staff of about 10 technical professionals.

Basic Qualifications:

- A Ph.D. in Chemical Engineering is required
- Minimum of 10 years' experience in the chemicals or adjacent industry
- Must have a track record of developing/improving chemical processes

Additional Qualifications:

- Strong management skills required, with proven performance record
- Understand the use of technology and IP as a competitive device
- Must be familiar with Six Sigma methodology

To learn more about Honeywell, this job, other employment opportunities or to apply directly online to requisition number 49176, please visit our website at www.honeywell.com/careers.

Honeywell

As an Equal Opportunity Employer, we are committed to a diverse workforce. For more information visit our website www.honeywell.com
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ACADEMIC OPENINGS

CORNELL UNIVERSITY, SCHOOL OF CHEMICAL & BIOMOLECULAR ENGINEERING

Faculty Opening: Cornell University invites applications for a tenure-track or tenured position in the School of Chemical and Biomolecular Engineering at any rank (Assistant, Associate, or Full Professor) consistent with the candidate's experience and achievements. The successful candidate must demonstrate the ability to build a strong research program, and to effectively teach and mentor undergraduate and graduate students. All research areas will be considered, with some preference given to those in the broad areas of biomolecular engineering, electronic materials synthesis and characterization, and energy engineering. The successful candidate can expect to benefit from associations with Cornell's interdisciplinary research centers, national facilities and resources in nanobiotechnology, biotechnology, nanoscale systems, materials research, nanofabrication, a High Energy Synchrotron Source and supercomputing facilities (www.engineering.cornell.edu/research/research-centers). Additionally, Cornell University provides an environment that promotes collaboration with other faculty campus-wide, as exemplified by Cornell's initiatives in Life Sciences, Sustainable Development, and Advanced Materials. The School of Chemical and Biomolecular Engineering, and the College of Engineering, are committed to increasing the diversity of the faculty and we strongly encourage people from under-represented minority backgrounds to apply. Cornell is committed to being a supportive, family-oriented employer. Cornell is an innovative, inclusive and dynamic teaching and research university where staff, faculty, and students alike are challenged to make an enduring contribution to the betterment of humanity. **Applicants should submit a curriculum vita, a research statement, a teaching statement, copies of key publications and names of at least three references to the Faculty Search Committee, attn: Professor Claude Cohen, School of Chemical and Biomolecular Engineering, 120 Olin Hall, Cornell University, Ithaca, NY 14853 or via email to: search@cheme.cornell.edu.** Cornell University is an equal opportunity, affirmative action educator and employer.

ASSISTANT/ASSOCIATE PROFESSOR (TENURE-TRACK) CAIN DEPARTMENT OF CHEMICAL ENGINEERING

The Cain Department of Chemical Engineering at Louisiana State University has one opening for a tenure-track faculty position. The position is open to all research areas. An entry level person is preferred; however, the search will not exclude consideration of more experienced personnel. Required Qualifications: PhD in Chemical Engineering or equivalent degree; commitment to excellence in undergraduate and graduate teaching and research. Application deadline is November 1, 2006, or until candidate is selected. An offer of employment is contingent on a satisfactory pre-employment background check. **Send resume (including e-mail address) with three references and descriptions of teaching and research interest to: Head, Assistant Professor Search Committee, Department of Chemical Engineering, Louisiana State University, Ref: #0724, Baton Rouge, LA 70803-7303.** LSU is an Equal Opportunity/Equal Access Employer.

UNIVERSITY OF CALIFORNIA, BERKELEY, DEPARTMENT OF CHEMICAL ENGINEERING, NON-TENURED/TENURED FACULTY POSITION

University of California, Berkeley, seeks applicants for a non-tenured or tenured faculty position effective July 1, 2007 in the Department of Chemical Engineering. Of particular interest are persons whose research involves the development of theoretical methods and their application in the areas of materials and biological processes. However, creative and energetic individuals who show extraordinary promise or accomplishment in any area will be considered. We require a PhD in Chemical Engineering or a closely related discipline. **To apply, please send a curriculum vitae, detailed statements of research and teaching interests, and names and addresses of three references to: Chair, Search Committee, Department of Chemical Engineering, University of California, Berkeley, CA 94720-1462. Applications submitted after October 15, 2006 will not be considered, and earlier application is encouraged.** The University of California is an Equal Opportunity, Affirmative Action Employer.



Carnegie Mellon University

Chemical Engineering Tenure-track Faculty Positions

The Department of Chemical Engineering at Carnegie Mellon is seeking applicants for one or two tenure-track faculty positions preferably at, but not restricted to, the Assistant Professor level. We seek outstanding candidates who are committed to excellence in education and research. Candidates must hold a Ph.D. degree in Chemical Engineering or a related discipline. Candidates with clearly articulated interests in policy will be considered for a 50/50 joint appointment with the Department of Engineering and Public Policy. Applicants should submit a CV, statement of research and teaching interests, and the names of three references to: Dr. Dennis Prieve, Chemical Engineering Department, Carnegie Mellon University, 5000 Forbes Avenue, Pittsburgh, PA 15213-3890. E-mail: deprieve@cmu.edu. We would appreciate receiving your application electronically (as a PDF file) and by November 1, 2006. Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer.

For more information, see <http://www.cheme.cmu.edu>.

DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF SOUTH CAROLINA

We seek to fill a cluster of tenure-track faculty positions in the area of Biomedical Engineering for a new multidisciplinary research and teaching initiative. This search is being conducted in collaboration with the Department of Mechanical Engineering and with the School of Medicine at the University of South Carolina. Candidates for this cluster are expected to be at the forefront of research in Biomedical Engineering and to support graduate and undergraduate education programs in this field. Candidates with research interests that complement current expertise at the University of South Carolina in cardiovascular development, wound healing, and regenerative medicine are especially encouraged to apply. Candidates are expected to develop a nationally recognized externally funded research program. For more information, see the web site of the College of Engineering and Information Technology at www.engr.sc.edu. **Applicants are requested to submit with their letter of application, a professional vitae, transcripts of undergraduate work, names of three references, and statements of their research plans and teaching interests. All materials should be addressed to the Biomedical Faculty Search Committee, Office of the Dean, College of Engineering and Information Technology, University of South Carolina, Columbia SC, 29208. Candidates may submit materials via electronic mail to biomedfaculty@engr.sc.edu.** Review of applications will begin immediately and will continue until the positions are filled. The University of South Carolina is an Equal Opportunity/ Affirmative Action Employer.

THE UNIVERSITY OF TULSA, TENURE-TRACK APPOINTMENT

The Department of Chemical Engineering is seeking to fill a Wellspring Professorship in Biochemical Engineering, which is a tenure-track position at the Assistant Professor level. The desired area of research is biochemical engineering, and the anticipated starting date is Fall 2007. The successful candidate must have a sincere commitment to excellence in teaching as well as research, and will be expected to teach at both the undergraduate and graduate levels in the Department of Chemical Engineering. Minimum qualifications include an earned doctorate or its equivalent in biochemical or chemical engineering or a closely related field, and the ability to conduct a high-quality, externally-funded research program. The Department, one of nine in the College of Engineering and Natural Sciences, offers degree programs through the PhD, with a current enrollment of approximately 100 students. The Department of Chemical Engineering has a strong reputation in energy, materials, and the environment, offering excellent collaborative opportunities for the successful candidate. **Applicants should forward a curriculum vitae, a one-page statement of teaching interests and qualifications, a one-page summary of projected research activities, and the names, addresses and phone numbers of three references. Applications should be sent to Dr. Laura P. Ford, Search Committee Chair, Department of Chemical Engineering, University of Tulsa, 600 S. College Ave., Tulsa, OK 74104-3189.** Screening of candidates will begin October 1, 2006 and will continue until the appointment is made. Under-represented minorities and women are especially encouraged to apply. The University of Tulsa is an Equal Employment Opportunity/Affirmative Action Employer.

FACULTY POSITION IN CHEMICAL ENGINEERING AT YALE UNIVERSITY

The Department of Chemical Engineering at Yale University invites applications for a faculty position at the Assistant Professor level. The search is focused on individuals demonstrating outstanding potential, and with research interests in the biomolecular/biological side of modern chemical engineering, including bioseparations, biocolloids/biointerfaces, biomaterials, and bionanotechnology. The successful candidate will be expected to develop a creative and dynamic externally-funded research program, teach undergraduate and graduate courses in chemical engineering, and advise graduate students. With exciting programs at the forefront of the biological, medical, physical, and engineering sciences, Yale offers an ideal intellectual setting for a flourishing academic career in biomolecular/biological engineering. **Nominations and applications with a detailed resume, a description of research and teaching interests, and names and addresses of four references should be sent to: Chair, Chemical Engineering Search Committee, Department of Chemical Engineering, Yale University, P.O. Box 208286, New Haven, CT 06520-8286.** Review of applications will begin August 31, 2006 and continue until the position is filled. Yale University is an Affirmative Action/Equal Opportunity Employer and welcomes applications from women and members of underrepresented minority groups. See <http://www.eng.yale.edu/content/DPChemicalEngineering.asp> for further information on our department.

DEPARTMENT HEAD, CHEMICAL & BIOLOGICAL ENGINEERING

Applications and nominations are sought for the position of the Head of the Department of Chemical and Biological Engineering at Colorado State University. We are seeking candidates with leadership skills who are dedicated to the advancement of the research and educational missions of the Department. The applicant must have an earned doctorate degree in chemical engineering or a closely related field, a record of excellence in research and teaching appropriate to appointment at the level of tenured full professor, and must possess outstanding communication, leadership, and interpersonal skills. Please visit <http://cbe.colostate.edu/> to view a full position description and obtain more information about the department. **To make a nomination, contact the Search Chair at cbehead@enr.colostate.edu or 970-491-3366. Please submit all application materials via the web at <http://cbe.colostate.edu/cbehead>. Applications will be accepted until the position is filled. However, to be guaranteed full consideration by the search committee, applications must be received by November 3, 2006. Nominations should be received by October 6, 2006.** CSU is an EO/AA employer.



Ralph E. Martin Department of Chemical Engineering

Seeking dynamic applicants for the following position:

The Ross E. Martin Chair in Biomedical Engineering

The successful candidate for this tenure track position is expected to develop and lead an internationally recognized and funded research program in biomedical engineering. Applicants must have a Ph.D. in Chemical or Biomedical Engineering or a related field and should hold at least one chemical engineering degree. Applicants at all academic levels will be considered with compensation commensurate with experience. In addition to conducting an innovative, state-of-the-art research program, the successful candidate will be expected to engage graduate and undergraduate students and be committed to service at all levels. Significant opportunities for collaboration with existing biomedical research programs in other departments are available.

The University of Arkansas is the state's land-grant institution and is located in one of the fastest growing and most dynamic regions of the country. The UA is a major center of theoretical and applied research which provides a wide range of public services to people throughout the state and the nation.

Interested applicants should send a letter of application, curriculum vitae, teaching and research plans, three to five selected reprints, and names, addresses, e-mail addresses and phone numbers of at least three references. Review of applications will continue until the position is filled. Application materials should be sent to:

Professor Greg Thoma, Search Committee Chair
Department of Chemical Engineering
3202 Bell Engineering Center
Fayetteville, AR 72701

For further information, visit our web site at:

<http://www.cheg.uark.edu/>

and the UA job listings at:

<http://hr.uark.edu/employment/NonClassifiedTypes.asp>

The University of Arkansas is an Affirmative Action/EOE employer, committed to achieving a culturally diverse faculty. We strongly encourage applications from all qualified candidates.

CHEMICAL ENGINEERING FACULTY POSITIONS, LOUISIANA TECH UNIVERSITY

The Louisiana Tech University College of Engineering and Science invites applications for tenure-track positions in the Chemical Engineering Program. The successful candidates will have the ability to initiate, build, and sustain an externally funded research program that effectively leverages the existing research strengths of one of the College's multidisciplinary centers of excellence in micromanufacturing, biotechnology and nanotechnology (with particular interest in micro and nanofluidics, related micro/nanosystems, and colloidal chemistry at the Institute for Micromanufacturing), trenchless technology, or biomedical applications. Strong teaching skills and the ability to supervise masters and doctoral students are required. Academic requirements include a PhD in Chemical Engineering or a closely related field. Excellent oral and written communication skills and a commitment to high quality professional service and active participation in college responsibilities are expected. Professional engineering registration, relevant industrial experience, and/or entrepreneurial experience are all advantages. Applicants having teaching/research interests in any traditional or emerging area of Chemical Engineering are sought, with one area of interest being in undergraduate process controls. In addition to the strong experimental capabilities available at the Institute for Micromanufacturing, Louisiana Tech is one of five nodes on a statewide supercomputing grid consisting of five 112-processor IBM p5-575 supercomputers connected by the high-bandwidth (40 Gbps) Louisiana Optical Network, which is in turn tied to the National Lambda Rail. The total computing power of the grid, currently 4.25 Tflops, is expected to increase by at least a factor of 10 by the end of the year through the installation of additional hardware. The Chemical Engineering program at Louisiana Tech is ABET-accredited. In a recent national survey by *Small Times* magazine, Louisiana Tech ranks third nationally in micro-nanotechnology education and fifteenth overall. For more information about Chemical Engineering at Louisiana Tech, please see our web page at <http://www.latech.edu/coes/chemical-engineering>. For more information

MichiganTech

WE PREPARE STUDENTS TO CREATE THE FUTURE

Dean of the College of Engineering

Michigan Technological University invites applications and nominations for the position of Dean of the College of Engineering. The Dean of Engineering is the chief academic and administrative officer for the College of Engineering and reports directly to the Provost. The Dean is responsible for strategic planning, development, and administration of the college, as well as managing relationships with other University units and outside educational institutions, alumni, government, and the private sector. The Dean will be central in realizing the University's vision to grow as a premier research university of international stature and achieving Top 50 status as a public university.

To receive full consideration, candidates must demonstrate scholarly activity appropriate for a tenured appointment as full professor, with distinguished research, teaching and service and a demonstrated ability to attract funding. The successful candidate will be a proven leader with excellent communication and interpersonal skills and a commitment to diversity. Experience in strategic planning, fundraising, and technology transfer are desirable. For more information about this position, including application information, please visit our web site at:

<http://www.admin.mtu.edu/hro/facpers/facvac.htm>.

Review of applications will commence immediately and will continue until the position is filled. For full consideration, applications should be received by October 15, 2006. Please submit nominations, inquiries, or application materials, including a cover letter, current vitae, and contact information for four references to:

deansearch@mtu.edu or

Dean of Engineering Search
Michigan Technological University
1400 Townsend Drive
Minerals and Materials Building, Room 712
Houghton, MI 49931-1295

Michigan Technological University is an equal opportunity educational institution/equal opportunity employer

about the College of Engineering and Science, please see our web page at <http://www.coes.latech.edu/>. Send a letter of application, a curriculum vita, a teaching philosophy statement, a research program summary, and contact information for three current references to: Dr. Jenna Carpenter, Chair of Search Committee for Chemical Engineering, Box 10348, Ruston, LA 71272-0046 or email electronic versions of the requested information to jenna@coes.latech.edu. Review of applications will begin on September 1, 2006, and will continue until the positions are filled. The starting date for each position is September 1, 2007 (possibly sooner). Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING AT THE UNIVERSITY OF ALABAMA

seeks applications and nominations for an Associate/Assistant Professor position, with a start date as early as January 2007. We are seeking applicants that will develop a nationally competitive research program, with a strong preference given to candidates whose research is related to biological engineering. It is expected that the successful candidate will work with interdisciplinary colleagues in UA's chemistry and biological sciences departments in developing and sustaining their research program. UA's Chemical and Biological Engineering Department offers B.S., M.S., and Ph.D. degrees, and currently consists of 200 undergraduate students, 25 graduate students, and 12 faculty. Sponsored research projects currently exceed \$2 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. The successful candidate must have a balanced perspective on research and instruction. Teaching at both graduate and undergraduate levels is essential. Applicants must hold a doctoral degree in chemical engineering or a closely related field, and must be a U.S. citizen or a person authorized to work in the U.S. Interested persons should submit a letter of application, a curriculum vita, a brief description of research and teaching interests and plans, and the names of three references to: Chair, Faculty Search Committee, Department of Chemical & Biological Engineering, The University of Alabama, Box 870203, Tuscaloosa, AL 35487-0203, Fax (205) 348-6579, E-mail: cbrazel@eng.ua.edu. Review of applications will begin on September 15, 2006, and will continue until the position is filled. The University of Alabama is an equal opportunity/affirmative action, Title IX, Section 504, ADA employer.

ASSISTANT AND ASSOCIATE/FULL PROFESSOR CHEMICAL ENGINEERING

The University of Delaware invites applications for two tenure-track faculty positions. We anticipate making one appointment at the Assistant Professor level and one at the Professor or Associate Professor level. The department (<http://www.che.udel.edu>) is consistently ranked among the ten leading chemical engineering departments nationwide and has especially strong research programs in bioengineering, control, kinetics and catalysis, colloid and surface science, polymers and composites, thermodynamics, separations, and materials science. REQUIREMENTS: PhD or equivalent in chemical engineering or a related field. Applicants for the senior position are expected to have a commensurate record of accomplishments. DUTIES: Lead vigorous research programs, teach, and advise students at both the undergraduate and graduate levels. Applications in all research areas will be considered, with emphasis on candidates with expertise in biochemical and biological engineering. CONTACT: 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 Professor Norman Wagner, Search Committee Chairperson, at che-faculty-search@udel.edu; or mail to Professor Norman Wagner, Search Committee Chairperson, Department of Chemical Engineering, University of Delaware, Newark, DE 19716-3110. PDF submissions are strongly encouraged. The committee will commence review of applications on November 15, 2006. The curriculum vitae and letters of reference shall be shared with departmental faculty. The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

UNIVERSITY OF IDAHO, RESEARCH FACULTY, CHEMICAL ENGINEERING

Position: The University of Idaho (UI) in partnership with the Idaho National Laboratory (INL) is recruiting recognized faculty to conduct research and teach in the new Center for Advanced Energy Studies (CAES) with access to some of the most advanced scientific resources available. This joint position is located in Idaho Falls, Idaho. www.uidaho.edu. The position is tenure or tenure-track at the Assistant, Associate or Full Professor level (depending on qualifications and experience). The position is a joint appointment with the INL, approximately 80% research and scholarship, and 20% teaching. Preferred Starting Date: Spring 2007-Fall 2007. Responsibilities: Applicants are sought to develop a nationally recognized, extramurally funded, innovative research program that complements the nuclear energy missions of the INL (www.inl.gov) and the university. Teaching responsibilities typically include an annual graduate course in the applicant's area of expertise, invited seminars and lectures, mentoring and advising graduate students and post-doctoral fellows. Required Qualifications: An earned doctorate degree in chemical engineering, radiochemistry or closely related field is required. Applicants must have documented research and scholarly activity, teaching experience and qualify for U.S. Department of Energy security clearance. The candidate should be a professional engineer in Idaho or must become registered within three years of the initial appointment. Desired Qualifications: Applicants should have demonstrated excellence in research and experience in collaborative research programs associated with energy. Preferred areas of specialization include all aspects of the nuclear fuel cycle including materials, reactor design and development, chemical separations, remote handling and processing, modeling, and nuclear science. Strong candidates with backgrounds in other related areas will also be considered. Excellent communication skills to interact successfully with students, faculty and national laboratory researchers are expected. **To Apply: Applicants need to apply online by clicking the "Apply Online" icon at www.hr.uidaho.edu. Include a letter of application addressing related experience and the required and desired qualifications, curriculum vitae, statement of research plans and educational goals, copies of representative publications, and the names and contact information for five references. Documents that cannot be submitted online should be mailed to: Dr. Fred S. Gunnerson, Search Chair, University of Idaho, 1776 Science Center Drive, Suite 306, Idaho Falls, ID 83402-1575, gunner@if.uidaho.edu, FAX: 208.282.7950.** Closing Date: Application review will begin October 10, 2006 and continue until a suitable applicant pool is identified. In addition to working in an exciting atmosphere of intellectual and academic freedom, the successful candidate would be living in one of the most beautiful areas of the country. Idaho Falls (population ~51,000) is located in Eastern Idaho in the heart of the Rocky Mountains on the banks of the pristine Snake River. It is rated as one of the best outdoor recreational areas in North America with nearby Yellowstone National Park, Grand Teton National Park and Jackson Hole, Grand Targhee and Sun Valley ski resorts. To enrich education through diversity the University of Idaho is an equal opportunity/affirmative action employer.

NORTHEASTERN UNIVERSITY CHEMICAL ENGINEERING DEPARTMENT BOSTON, MASSACHUSETTS

Department of Chemical Engineering invites applications for several positions that are available for tenure-track faculty appointments at all levels. Applicants for the position must have a Ph.D. in chemical engineering or a related field and a strong commitment to excellence in teaching and research. Preferences will be given to individuals with research interests in the areas of advanced materials (catalysis, synthesis of nano-materials, biomaterials, and electronic materials), Bioengineering (fermentation, tissue engineering, biological and physical interfaces, biomedical engineering and bioseparation). Responsibilities include teaching at the undergraduate and graduate levels, graduate student supervision, and establishment of a funded research program. Position available for the Fall 2007. Salary and rank are commensurate with experience. Applications from women and minorities are particularly encouraged. **Please send a letter of application, statement of teaching and research interests, and a current resume including the names of three references to: Al Sacco, Jr., Search Committee Chair, Department of Chemical Engineering (342 SN), Northeastern University, 360 Huntington Avenue, Boston, MA 02115, or email to asacco@coe.neu.edu.** Northeastern University is an Equal Opportunity/Affirmative Action Educational Institutional Employer.

Chemical Engineering Department University of Florida

The Chemical Engineering Department at the University of Florida invites applications or nominations for a tenure-track faculty position starting in the Fall of 2007. Faculty rank is open. Applicants should have a PhD in Chemical Engineering (or related field) with research interests in energy-related areas. Preference will be given to candidates who are likely to leverage current UF energy-research strengths (eg. Bio-based fuels, fuel cells, photovoltaics) and who can potentially interface with current UF energy-research programs. Responsibilities include developing and conducting sponsored research, teaching at the graduate and undergraduate levels, supervising the educational and research programs of graduate students, and participating in departmental, college, and university affairs. Please send a curriculum vitae, detailed research and teaching interests, a list of at least three references, and no more than two key reprints (or preprints) to **Chair, Faculty Search Committee, Department of Chemical Engineering, University of Florida, PO Box 116005, Gainesville, FL 32611-6005.** Electronic applications should be sent to Ms. Debbie Sandoval dsand@che.ufl.edu. The deadline for applications is November 25, 2006. The University of Florida is an equal opportunity institution, and women and minorities are strongly encouraged to apply.



Faculty Position

The Department of Chemical Engineering at Penn State (<http://www.che.psu.edu>) invites applications for a tenure-track faculty position at the Assistant, Associate, or Full Professor level. Senior faculty will be considered for one of several endowed positions, including the William H. Joyce Chair and the Friederich Helfferich Professorship. Specific areas of interest include, but are not limited to, biomolecular engineering, nanotechnology, electronic materials, alternative energy, and the environment. Penn State is home to the Huck Institutes of the Life Sciences (<http://www.lsc.psu.edu/>), the Materials Research Institute (<http://www.mri.psu.edu/>), and the Penn State Institutes for the Environment (<http://www.environment.psu.edu/>), all of which coordinate internationally recognized interdisciplinary programs focused on developing new approaches to critical areas of science and technology. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to teach at the undergraduate and graduate levels. Candidates applying for this position must have a Ph.D. in Chemical Engineering or in a closely related field. Applications with curriculum vita, including research and teaching interests, a statement of research plans, copies of selected publications, and names of three references should be sent to PROFESSOR MICHAEL PISHKO, DEPARTMENT OF CHEMICAL ENGINEERING, THE PENNSYLVANIA STATE UNIVERSITY, 204 FENSKE LABORATORY, UNIVERSITY PARK, PA 16802-4400. Applications will be considered until the position is filled.

Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce.

PENN STATE Making Life Better

FACULTY POSITION IN BIOCHEMICAL AND BIOLOGICAL ENGINEERING

The Mork Family Department of Chemical Engineering and Materials Science of the USC Viterbi School of Engineering is interested in recruiting faculty with expertise in the areas of Biochemical and Biological Engineering. In addition to teaching in the department's programs, the candidate is expected to develop a strong research program in this area. Significant opportunities exist for collaboration and interdisciplinary research within the Viterbi School, the USC Keck School of Medicine, the USC NSF ERC in Biomimetic MicroElectronic Systems, and the Alfred Mann Institute. **Qualified applicants should contact Professor Theodore Tsotsis by phone at (213) 740-2227 or by e-mail at tsotsis@usc.edu.** USC is an Affirmative Action/Equal Opportunity Employer and strongly encourages applications from women and members of underrepresented groups.

GEORGIA INSTITUTE OF TECHNOLOGY

The School of Chemical & Biomolecular Engineering at Georgia Tech seeks outstanding individuals for tenure-track positions. Successful applicants will have a PhD in Chemical Engineering or a related discipline. We seek the best possible candidates, irrespective of research field. **A curriculum vitae, a statement of research and teaching interests, and names and addresses of at least four professional references should be submitted electronically to faculty.candidates@chbe.gatech.edu.** Alternatively, hard copies of the above information can be mailed to Ronald W. Rousseau, Professor and Chair, School of Chemical & Biomolecular Engineering, Georgia Institute of Technology, Atlanta, GA 30332-0100. Georgia Tech is an equal opportunity employer and a unit of the University system of Georgia.

BUCKNELL UNIVERSITY invites applications for an entry-level tenure-track assistant professor position in chemical engineering, beginning fall 2007, and requiring potential for excellence in teaching and scholarship within a program that emphasizes the undergraduate experience. **Please visit Bucknell job postings at: <http://jobs.bucknell.edu> for full details.**

JUNIOR FACULTY POSITION IN CHEMICAL ENGINEERING DEPARTMENT, J.B. SPEED SCHOOL OF ENGINEERING, UNIVERSITY OF LOUISVILLE

Applications are invited for one or more tenure-track faculty positions in the Chemical Engineering Department at the Assistant Professor level. Successful candidates will teach undergraduate and graduate courses in chemical engineering and will be expected to develop a nationally recognized, externally funded research program. Preferred research area for one position is advanced materials, with preference given to candidates who can work with the proposed Institute for Advanced Materials. Research area for a second position is open, but preference will be given to candidates who can strongly contribute to the core teaching mission of the department. Candidates should have a bachelor's degree in Chemical Engineering and an earned doctorate, preferably in Chemical Engineering. Review of applications will begin on October 1, 2006 and will continue until the position is filled. **Applicants must apply on-line at www.louisville.edu/jobs and reference Job ID # 014267. Attach curriculum vitae, addresses of three references, and a brief statement of research and teaching interests.** Minority and female candidates are encouraged to apply. The University of Louisville is an equal opportunity, affirmative action employer.

THE CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA - CHEMICAL AND MATERIALS ENGINEERING DEPARTMENT

invites applications and nominations for two tenure-track faculty positions in Chemical Engineering. **For information, contact: Faculty Search Committee, Chemical and Materials Engineering Department, California State Polytechnic University, Pomona, 3801 West Temple Avenue, Pomona, CA, 91768, (909) 869-2626, FAX (909) 869-6920, by e-mail at slmason@csupomona.edu, or on the web at www.csupomona.edu/chemmat.** A review of completed applications will begin on November 01, 2006 and will continue until the position is filled. The University is an EO/AA employer and only accepts degrees from accredited educational institutions.

ASSISTANT PROFESSOR OF CHEMICAL ENGINEERING AT PADUCAH, KENTUCKY

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-track faculty position at the Assistant Professor level. This is an undergraduate education-oriented position for the ABET-accredited chemical engineering undergraduate program at the College of Engineering's Extended Campus in Paducah, Kentucky. Applicants should have a PhD in Chemical Engineering, the capability to teach across the chemical engineering curriculum and to contribute to developing a strong and nationally recognized undergraduate program, and a commitment to innovation and excellence in undergraduate education in Chemical Engineering. Research collaborations with local industry and faculty at the Lexington campus are encouraged. Review of applications will begin immediately and will continue until the position is filled. **Applicants should submit on line a PDF file consisting of a resume (limited to 5 pages), a 3-page description of your philosophy of teaching, research interests, and teaching interests; and the names of three references to <http://ukjobs.uky.edu> (click on SEARCH POSTINGS and use the above Job Title).** The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the chemical engineering program at Paducah can be found at: <http://www.engr.uky.edu/paducah/cme/index.html>.

CHEMICAL ENGINEERING FACULTY AT LEXINGTON, KENTUCKY

The Department of Chemical and Materials Engineering at the University of Kentucky invites applications for a tenure-track faculty position at the Assistant Professor level. Applications in all research areas will receive consideration. The strength of the department is in the areas of biotechnology, nano-materials, environmental science and engineering, and biopharmaceutical engineering. Applicants should have a PhD in Chemical Engineering, the capability to develop a strong and nationally recognized research program, and a commitment to excellence in undergraduate and graduate education in Chemical Engineering. Review of applications will begin immediately and will continue until the position is filled. **Applicants should submit on line a PDF file consisting of a resume (limited to 7 pages), a 3-page description of research plans and teaching interests, and the names of three references to <http://ukjobs.uky.edu> (click on SEARCH POSTINGS and use the above Job Title).** The University of Kentucky is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. More information on the department can be found at: <http://www.engr.uky.edu/cme>

THE SIBLEY SCHOOL OF MECHANICAL AND AEROSPACE ENGINEERING AT CORNELL UNIVERSITY, Ithaca, New York

invites applications for a tenure-track faculty position in biomechanics and analysis of biomechanical systems. Applicants must hold a doctorate in an appropriate field, must have demonstrated an ability to conduct outstanding research, and show promise for excellent teaching. We anticipate filling the position at the Assistant Professor level, but applications at other levels will be considered; salary and rank are commensurate with qualifications and experience. Current areas of biomechanics research in the department include: orthopaedic and neuromuscular biomechanics; tissue engineering; and bioMEMS. Cornell fosters interdisciplinary research through the New Life Sciences Initiative. Faculty in biomechanics also have opportunities to collaborate with: CU-HSS Program in Biomedical Mechanics; IGERT Program on Nonlinear Systems; Cornell Center for Materials Research; Nanobiotechnology Research Center; Cornell Nanofabrication Facility; and Cornell High Energy Synchrotron Source. The Sibley School, and the College of Engineering at Cornell embrace diversity and seek candidates who will create a climate that attracts students of all races, nationalities and genders. We strongly encourage women and underrepresented minorities to apply. **Applicants should submit a curriculum vita, a research statement, a teaching statement, and complete contact information for at least three references to: Faculty Search Committee, Sibley School of Mechanical & Aerospace Engineering, c/o 105 Upson Hall, Cornell University, Ithaca, New York 14853.** Cornell University is an affirmative action/equal opportunity employer; qualified women and minority candidates are particularly encouraged to apply. Applications will be accepted until the position is filled. All applications received by October 31, 2006 will receive full consideration.

UNIVERSITY OF WASHINGTON, DEPARTMENT OF CHEMICAL ENGINEERING, FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications or nominations for a full-time, tenure-track faculty position to begin September 16, 2007. The Department is seeking at the Assistant Professor level, although an appointment may be made at the ranks of Associate Professor or Professor if circumstances and qualifications warrant. We are a faculty of 14 with 70 graduate students and 130 undergraduates (juniors and seniors only). Research strengths include, nanotechnology, photonics, biotechnology, immunology, organic electronics, electrochemical engineering, fuel cells, computational methods, colloids, and interfacial phenomena. Additional information about the Department can be found at <http://www.cheme.washington.edu/>. Applications in the areas of energy, biomolecular and nanoscale systems, and organic and molecular electronics or related fields will be considered. Candidates must demonstrate outstanding potential for high impact research as judged, in part, by their publication record. University of Washington faculty engage in teaching, research, and service. Candidates will be expected to provide innovative and quality teaching that integrates molecular and nanoscale principles of research with instruction at both the undergraduate and graduate levels. A doctoral degree is required. Candidates in the final stages of a doctoral degree program may be appointed on an acting basis. **Applicants should submit a detailed curriculum vitae, a list of publications, a statement of research and teaching interests, and the name, address, and phone number of at least three references to: Search Committee Chair, Department of Chemical Engineering, University of Washington, Box 351750, Seattle, WA 98195-1750.** Review of applications will begin immediately, and the position will remain open until it is filled. The University of Washington is a recipient of a National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of

women in academic science and engineering careers. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. The University of Washington is an Affirmative Action, Equal Opportunity employer.

TENURE-TRACK PROFESSOR CHEMICAL ENGINEERING, UNIVERSITY OF MINNESOTA

The Department of Chemical Engineering and Materials Science at the University of Minnesota seeks to fill a faculty position in chemical engineering at the assistant (tenure track), associate or full (tenure track or tenured) professor level. Assistant professor candidates should have a distinguished academic record, including a PhD degree, outstanding potential for establishing an independent research program, and a commitment to both undergraduate and graduate teaching in a highly interdisciplinary department. The department will consider outstanding candidates in any area of chemical engineering or materials science and engineering. Associate and full professor candidates should also have several years of quality teaching and/or research experience and a proven publication record. **The entire application must be completed on-line. To apply for this position, candidates must go to the University of Minnesota <https://employment.umn.edu>. Tenure-track applicants may use requisition #141582. Tenured applicants may use requisition #141581. Please include your letter of intent, CV including a list of publications, complete contact information of three references, and statement of teaching and research interests.** Information on the Department, the current faculty and the University is available at <http://www.cems.umn.edu>. Review of the applications will begin on December 1, 2006, and continue until the position is filled. It is hoped that the successful candidate will be in place for the start of the Fall Semester 2007. The University of Minnesota is an equal opportunity educator and employer.



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