POSITIONS AVAILABLE

FOTH & VAN DYKE, LEAD PROCESS ENGINEER

Foth & Van Dyke is a nationally recognized, privately held engineering consulting firm and an employer of choice. In an effort to support our continued growth, we are currently seeking Process Engineers at our corporate location in Green Bay, Wisconsin. Position will be responsible to lead and support process systems projects for clients in the food and beverage industries. Technical competency with food or beverage systems and experience with sanitary piping, bulk material handling, utilities and industrial HVAC, as well as the ability to develop concepts, write proposals and prepare equipment specifications is required. A mechanical or chemical engineering degree (PE preferred) and 10+ years experience required; ammonia or flammable liquids experience a plus. For more info, see our website at www.foth.com. **If interested, send resume to Kristine Harring (Kharring@foth.com).**

CHEMICAL PROCESS ENGINEER

Engineering company seeking Process Design Engineer. Job duties include overall process design and project management for the building of new methyl ester and oleochemical production plants. Engineering responsibilities include developing process system design including process flow diagrams, mass balances, and full equipment specification including piping, instrumentation, heat exchangers, and reaction vessels. Job will include overall responsibility for project and cost tracking and commissioning support for new production plants. Looking for candidates with minimum of 3 years experience and BS in Chemical Engineering. **Send resumes to Superior Process Technologies at: hr@superiorpt.com.**

APPLICATION ENGINEER

optek-Danulat, Inc. is seeking an Application Engineer. Individual must have a PhD in Physical Chemistry and 3 years experience that must include simulating photometric and/or thermodynamic behavior of binary and multicomponent solid and liquid mixtures; developing computer algorithms for photometric and/or thermodynamic applications; utilizing light-scattering and principles of chemical physics and theoretical chemistry. Up to 30% travel required. **Please submit resume & cover letter to HR@optek.com.**

CHEMICAL ENGINEER

International Flavors & Fragrances Inc., a leader in creating and manufacturing innovative flavors and fragrances has an outstanding opportunity for a chemical engineer at our R&D facility in Union Beach, NJ. A strong reaction engineering background, a PhD in chemical engineering and 5 years of demonstrated accomplishments are required. Experience in organic chemistry and the development of fine or specialty chemicals would be desirable. **Please e-mail resumes to fran.banks@iff.com, with "Chemical Development, NAME" (NAME = candidate last name) as the subject.** Applicants must be authorized to work in the United States. IFF is an Equal Employment Opportunity Employer M/F/D/V.

REACTIVITY MANAGEMENT SPECIALIST

ioMosaic Corporation, a leading provider of safety and risk management consulting services is looking for a qualified Reactivity Management Specialist to research state-of-the-art methods for determining chemical reactivity hazards associated with manufacturing of chemicals. Must have PhD or equiv. in Chemical Engineering or closely related field and thorough knowledge of consequence analysis techniques and software including SuperChems Expert, LNGFIRE III, DEGADIS; international codes, standards and regulations for management of chemical reactivity hazards; quantitative risk analysis techniques; sizing emergency relief systems for reactive chemicals; use of molecular modeling tools including Gaussian and Cerius; programming languages C#, .NET and Fortran; reactive hazard software including the Chemical Reactivity Worksheet from NOAA and ASTM CHETAH; thermal analysis instrumentation; quantum chemistry and classical molecular modeling theories. Must be an active member of Reactivity Management Roundtable (RMR) within AIChE and of DIERS (Design Institute for Emergency Relief Systems). No work experience required. This position is available at the ioMosaic office in Houston TX. **Send resume to Henry Ozog, General Partner, ioMosaic Corporation, 93 Stiles Road, Salem, NH 03079.**

THE CENTER FOR ENERGY TECHNOLOGY AT RTI INTERNATIONAL

is seeking a Senior Research Chemical Engineer to assist with the development and growth of its energy technology program, which is focused on coal and biomass gasification, carbon sequestration and hydrogen production and storage. As a senior member of a research team, the Sr. Research Chemical Engineer will manage projects, formulate research plans, conduct experimental testing, analyze and interpret data, and write reports. The successful candidate will also be expected to write and contribute to proposals to obtain external funding from government and private sources to develop

and expand the energy technology programs. The successful candidate will have a PhD in chemical engineering/chemistry or MS in chemical engineering/chemistry with equivalent experience plus a background in fossil and renewable fuel programs with 1 to 5 years experience. Also past experience in working with DOE is highly desired. The highly motivated individual should have strong analytical and creative problem-solving skills and be able to do high quality, independent work in a team setting. Strong oral and written communication skills, well-developed interpersonal skills, and teamwork are also required. **Interested candidates should apply online at www.rti.org/careers. Requisition No. CS11995.** We are proud to be an EEO/AA employer M/F/D/V.

ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT COLORADO STATE UNIVERSITY seeks applications and nominations for tenure-track and tenured chemical engineering faculty positions at all levels. Successful junior candidates will develop well-funded research programs and actively participate in education and scholarship activities. Candidates with more experience must have a national/international reputation in their research area. There are no restrictions on research area for candidates; however, applicants with interests in nanotechnology, molecular engineering, or biological engineering are particularly encouraged. A PhD or equivalent in chemical engineering or related field is required. **Important information regarding the application process may be found at http://cbesearch.engr.colostate.edu. Electronic submission of application materials at this web site is strongly preferred. If necessary, hardcopy applications may be sent to: Search Committee Chair, Department of Chemical and Biological Engineering, Colorado State University, Fort Collins, CO 80523-1370. Review of applications will begin October 1 and continue until the position is filled.** Colorado State University is an Affirmative Action/Equal Opportunity Employer and encourages qualified women and minorities to apply.

THE UNIVERSITY OF CONNECTICUT CHEMICAL ENGINEERING DEPARTMENT invites applications for two tenure-track positions: one in Biological Applications (assistant/associate professor) and one in Environmental Applications (all levels). The successful candidate will have a PhD in chemical engineering or closely-related field, a commitment to excellence in research and teaching, and the ability to establish an internationally-recognized research program. The Chemical Engineering Department currently has 12 faculty, over 60 graduate students, and expenditures of more than $3.5 MM/year in sponsored research. UConn is ranked as the #1 public research university in New England and is currently undergoing a $2.3 billion infrastructure expansion. **Applicants should ground mail a vitae, statement of research and teaching, and names of four references to: Prof. Doug Cooper, Search Chair; Chemical Engineering Dept. Unit 3222; University of Connecticut; 191 Auditorium Road; Storrs, CT 06269-3222.** The University of Connecticut is an Affirmative Action and Equal Opportunity Employer.

INSTITUTE OF MATERIALS SCIENCE AT THE UNIVERSITY OF CONNECTICUT

Applications are invited for tenure track, full-time faculty appointments at the Assistant or Associate Professor level in the Polymer Program of the Institute of Materials Science at the University of Connecticut. The successful candidate is expected to have a PhD in polymer science or a related area, demonstrated potential for scholarship and the ability to establish an externally-supported research program as well as excellent teaching skills. A successful candidate will have an appointment in an academic department such as Chemical Engineering, Chemistry, Physics or Biology. All research areas relating to polymer science will be considered. Individuals with expertise in biomaterials and nanotechnology are especially of interest. The Polymer Program is a degree-granting interdisciplinary program housed in the Institute of Materials Science (IMS) on the Storrs campus. The Polymer Program has 13 full-time faculty, approximately 80 graduate students and postdoctoral fellows; the IMS houses faculty and student offices, research laboratories, support shops and about $18M of shared, state-of-the-art materials science instrumentation. The anticipated starting date is Fall 2006. **To apply, submit curriculum vitae, list of references, and research plans to: Polymer Search Committee, Institute of Materials Science, University of Connecticut, 97 North Eagleville Road, Unit 3136, Storrs, CT 06269-3136.** We encourage applications from underrepresented groups, including minorities, women and people with disabilities.

POSTDOCTORAL ASSOCIATES, RESEARCH ASSOCIATES AND RESEARCH SPECIALIST positions in the Department of Chemical Engineering and Materials Science at the University of Minnesota to conduct grant supported research in all areas of chemical engineering, materials science and related disciplines. Faculty members drive the hiring of these positions. Faculty members will determine if they have funds and an open position. Starting dates and salaries vary according to the timing and duration of grants and contracts. Postdoctoral Associate and Research Associate positions require a PhD degree in chemical engineering, materials science, or a related discipline. Research Specialist positions require a Master's degree or PhD in chemical engineering, materials science, or a related discipline. **Applications for the coming year must be postmarked no later than June 30, 2006. Submit applications to Julie Murphy by e-mail (jjmurphy@cems.umn.edu) or mail to: Department of Chemical Engineering and Materials Science, University of Minnesota, 151 Amundson Hall, 421 Washington Avenue SE, Minneapolis, MN 55455. Specify the name of the faculty member who should receive your application. The application must include curriculum vitae, publication list, a brief statement of research interest and experience, and three references including the names, complete addresses, telephone numbers, and email addresses.** The University of Minnesota is an Equal Opportunity Educator and Employer.

TWO FACULTY POSITIONS IN CHEMICAL ENGINEERING AT YALE UNIVERSITY

The Department of Chemical Engineering at Yale University invites applications for two faculty positions at the Assistant Professor level. Preferred areas of expertise include, but are not limited to, soft nanomaterials such as polymers and colloids, biomolecular engineering, biocolloids and biointerfaces, and atomic scale modeling of surface phenomena. The successful candidates will be expected to develop creative and dynamic externally-funded research programs, teach undergraduate and graduate courses in chemical engineering, and advise graduate students. **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 October 15 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 www.eng.yale.edu/chemical for further information on our department.

DEAN OF ENGINEERING, AMERICAN UNIVERSITY OF SHARJAH

The American University of Sharjah (AUS) welcomes applications for the position of Dean of Engineering. The Dean reports to the Vice Chancellor for Academic Affairs and leads a school of 50 faculty members, 20 lab instructors and computer systems engineers, and over 1,400 undergraduate and graduate students. Undergraduate programs of study include computer science and chemical, civil, computer, electrical and mechanical engineering. Masters degrees are offered in engineering systems management and in mechatronics engineering. Laboratories are modern and well equipped. A facilities expansion of offices, labs and classrooms is currently in progress. The Dean will be expected to continue to recruit outstanding faculty members, build ties with the local engineering community, refine the curriculum and work effectively with other members of a close-knit, hardworking and ambitious academic community. The candidate should have North American administrative experience in academia and the potential for long-term commitment. In addition, experience in personnel management, industry and a sound research track record is expected. The

Ruler of Sharjah founded AUS in 1997 as a comprehensive, independent, nonprofit co-educational university based on the American model of higher education. The campus is a spectacular setting of imposing architecture and beautiful landscaping, located 30 minutes from Dubai International Airport. Sharjah is known as a city of learning and culture, and the United Arab Emirates is a thriving and rapidly changing country of approximately four million inhabitants from around the world. Further information may be found at www.aus.edu. Please submit a letter of interest, curriculum vitae and the names of at least three professional references to Chancellor Winfred L. Thompson via e-mail: deanengineeringsearch@aus.edu.

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.

FACULTY RECRUITING IN CHEMICAL ENGINEERING, THE UNIVERSITY OF TEXAS AT AUSTIN

The Department of Chemical Engineering seeks outstanding applicants for tenure track faculty at the Assistant Professor level. A PhD is required and applicants must have an outstanding record of research accomplishments and a strong interest in undergraduate and graduate teaching. The Department is particularly interested in applicants with research and teaching interests in the areas of bioengineering, polymers and microelectronics. A successful candidate is expected to teach chemical engineering undergraduate and graduate courses, develop a research program, collaborate with other faculty, and be involved in service to the university and the profession. Applications from women and minorities are encouraged. **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: Chairman, 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 2005. A security sensitive background check will be conducted on selected applicants. The University of Texas is an Equal Opportunity/Affirmative Action Employer.

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT TULANE UNIVERSITY invites applications for a tenure-track/tenured faculty position. Tulane's chemical engineering department is the third oldest in the country, with a vibrant research program in the signature areas of nanotechnology, biotechnology and advanced materials. There are tremendous collaborative opportunities for interdisciplinary research. Candidates should have a doctorate in chemical engineering or related field with a demonstrated excellence in research and a strong commitment to teaching. **Applicants should submit a curriculum vitae, research and teaching plans, and a list of references to: Chair, Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Tulane University, New Orleans, LA 70118. Applications should be received by December 15th, 2005 for full consideration**; applications accepted thereafter until the position is filled. We especially encourage applications from women, minorities, and persons with disabilities. Tulane is an Affirmative Action, Equal Opportunity 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 PhD 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: dcprieve@cmu.edu. We would appreciate receiving your application electronically (as a PDF file) and by November 1, 2005.

Carnegie Mellon University is an Equal Opportunity/Affirmative Action/Equal Access Employer.

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

THE SCHOOL OF CHEMICAL ENGINEERING, PURDUE UNIVERSITY, seeks outstanding individuals at any rank with PhD degree and a strong background relevant to chemical or biological engineering. The candidates for this tenure-track position should have research interests aligned with one or more Purdue College of Engineering signature areas (visit https://engineering.purdue.edu/Engr/Cluster). They should also have a distinguished academic record, exceptional potential for world-class research, and a commitment to both undergraduate and graduate education. For senior applicants, an excellent reputation in the field of specialty is required. The School is in an unprecedented growth, with nine new faculty additions since Fall 2003, at both the junior and senior levels, and a new building completed in October 2004 that doubles the current space. **For consideration, please complete the online application form at the website indicated above and include curriculum vitae, statement of teaching and research interests, and the names and addresses of three references. Review of applications will begin September 1, 2005 and continue until the position is filled.** Purdue University is an Equal Opportunity/Equal Access/ Affirmative Action employer.

DIRECTOR, SCHOOL OF CHEMICAL ENGINEERING AND BIOENGINEERING
Washington State University (WSU) is seeking a highly motivated, visionary leader to direct a newly established School of Chemical Engineering and Bioengineering. The director will lead the school in the integration of established activities with emerging opportunities in both chemical engineering and bioengineering. As a result the school expects to increase student enrollments, expand research productivity, and enhance interactions with government and industry. As a natural outgrowth of the University's strategic emphasis on biotechnology, the School of Chemical Engineering and Bioengineering will provide leadership in building interdisciplinary biotechnology research and education programs. Candidates must have an earned doctorate in a relevant engineering discipline and have achieved the rank of Professor or held the rank of Associate Professor for at least four years. Further, the successful candidate should have demonstrated leadership in interdisciplinary activities in an academic setting and should possess outstanding oral and written communication skills, a strong record of peer-refereed publications from funded research, and a strong commitment to quality undergraduate and graduate education. Additional information about the School of Chemical Engineering and Bioengineering may be obtained at the following website: http://www.chebe.wsu.edu. With a student enrollment of approximately 22,500, WSU is a comprehensive research, land-grant university, ranked in the top 50 public research universities in the nation by *U.S. News & World Report.* The School is located at the WSU campus in Pullman, Washington, which offers a friendly small-town living environment about 75 miles south of Spokane. **Interested candidates should send a curriculum vita, a letter of introduction summarizing the candidate's capabilities and vision, and the names, addresses, telephone numbers, and e-mail addresses of three references who can speak to the candidate's abilities. Inquiries may be directed to research@wsu.edu. Application materials should be sent to: James N. Petersen, Vice Provost for Research, Chair of Chemical Engineering and Bioengineering Director Search Committee, Office of the Vice Provost for Research, P.O. Box 641033, Pullman, WA 99164-1033 (applications may be submitted electronically as PDF files to research@wsu.edu).** Screening of applicants will begin October 15, 2005. Washington State University is an EO/AA educator and employer. Members of ethnic minorities, women, Vietnam-era or disabled veterans, persons of disability and/or persons age 40 and over are encouraged to apply.

HARVARD UNIVERSITY,
DIVISION OF ENGINEERING AND APPLIED SCIENCES
The Division of Engineering and Applied Sciences at Harvard University invites applications for a faculty position in Environmental Microbiology. The position is part of an initiative at Harvard in Environmental Sciences and Engineering. In addition, there are important linking opportunities with a University initiative in the Microbial Sciences and in interdisciplinary connections to the Department of Earth and Planetary Sciences. We intend to make this appointment at the Assistant or, in exceptional cases, at the Associate Professor level (untenured). Several examples of topics of Environmental Microbiology are provided below, although excellent candidates from any area of Environmental Microbiology will be considered: geomicrobiology & applications to environmental problems; genetic, proteomic, and molecular microbiology to solve environmental problems; biofilms and/or microbial ecology and applications to environmental problems; transformation and fate of pollutants; microbial processes and feedbacks related to human impacts on climate. We particularly encourage applications from women and minorities. **An application, assembled as a single PDF file, should include a curriculum vitae, separate two-page statements of research and teaching interests, and up to three scientific papers. Three to five letters of recommendation should be requested and sent separately. Applications will be reviewed beginning October 1, 2005, although applications received after that date may also be considered. Applications should be sent via e-mail to environmental_microbiology@deas.harvard.edu. Letters of recommendation are also preferred by e-mail at the same address but may optionally be mailed to Chair, Environmental Microbiology Search Committee, Division of Engineering and Applied Sciences, Harvard University, Cambridge, MA 02138.** Harvard University is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR POSITION
IN CHEMICAL ENGINEERING, WEST VIRGINIA UNIVERSITY
Applications are solicited for a tenure-track position at West Virginia University's Department of Chemical Engineering. The research area of interest is computational thermodynamics with emphasis in natural-gas and other complex hydrates. The successful candidate is expected to develop externally funded research programs, be capable of supporting graduate students, publish archival papers, and present at national meetings. The successful candidate will teach at the undergraduate and graduate levels, will have a high visibility in the profession and will be active in professional societies. A doctoral degree in chemical engineering is required. An undergradaute degree from a design-oriented ABET-accredited chemical engineering program and some industrial experience are preferred. Strong oral and written communication skills are a must. **Applicants should send a brief cover letter describing their qualifications to: Chair - Search Committee, Department of Chemical Engineering, West Virginia University, Morgantown WV 26506-6102. Applicants should enclose a CV, a teaching plan, a research plan, and names and contact information of three references. Electronic submissions are preferred and should be sent to chesearch@mail.wvu.edu. Applications will close on September 15, 2005.** West Virginia University is a comprehensive land-grant institution with a Carnegie Doctoral-Research-Extensive ranking and an enrollment of over 25,000 students. West Virginia University is an Equal Opportunity/Affirmative Action Employer.

AUBURN UNIVERSITY, ASSISTANT/ASSOCIATE/FULL PROFESSOR,
SAMUEL GINN COLLEGE OF ENGINEERING, DEPARTMENT OF CHEMICAL ENGINEERING
Assistant/Associate/Full Professor: The Department of Chemical Engineering at Auburn University invites applications for a tenure track faculty position. The department seeks outstanding candidates who have a PhD in chemical engineering or a related field. The area of research is open; however preferred research areas include biotechnology, advanced energy systems, molecularly engineered materials, or sustainable engineering and green chemistry. The successful candidate will demonstrate a strong commitment to both excellent research and teaching. Rank and salary is commensurate with experience and qualifications. The Department of Chemical Engineering has 19 faculty, an enrollment of over 250 undergraduates, 65 graduate students and $4 million in annual sponsored research. Women and Ethnic Minorities are encouraged to apply. Review of applications began November 1, 2004 and will continue until a candidate is selected and recommended for appointment. Auburn University is an affirmative action, equal opportunity employer. The candidate selected for this position must be able to meet eligibility requirement for work in the United States and have excellent communication skills. **Candidates should send a resume, description of future research plans, previous research accomplishments, teaching interests, and names of three references to: Search Committee Chair, position #131370, (chesearch@eng.auburn.edu), Department of Chemical Engineering, Auburn University, Auburn, AL 36849-5127**

TENURE TRACK FACULTY POSITIONS, DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITAT ROVIRA I VIRGILI, TARRAGONA SPAIN

Applications are invited for two tenure track positions in the areas of control and process synthesis/optimization and project management in the department of Chemical Engineering in Tarragona, Spain. We are seeking young and motivated candidates with commitment to teaching innovation and capacity to lead research in their area. Candidates of any nationality are invited to apply. Knowledge of Spanish or Catalan is eventually desired but not a requirement for appointment. For more information see http://www.etseq.urv.es/DEQ and contact ikatakis@etseq.urv.es (+34 977 55 96 55).

DEAN, COLLEGE OF ENGINEERING AND INFORMATION TECHNOLOGY

The University of South Carolina invites applications and nominations for the position of Dean of the College of Engineering and Information Technology. A complete job description and application procedures are located at: http://www.engr.sc.edu/ or http://www.sc.edu/ddsearches/ddsearch.html. The University of South Carolina is an Equal Opportunity Employer and specifically invites and encourages applications from women and minorities.

THE UNIVERSITY OF TENNESSEE, KNOXVILLE HEAD, DEPARTMENT OF CHEMICAL ENGINEERING

Applications and nominations are invited for the position of Professor and Head of the Department of Chemical Engineering at the University of Tennessee, Knoxville. Chemical Engineering offers BS, MS, and PhD degree programs and currently consists of approximately 80 undergraduate students, 25 graduate students, a faculty of 12 and a support staff of 5. Sponsored research projects currently total over $3.6 million. The department is entering a significant new era and is expected to play an important role in the College of Engineering's vision to become a leading research institution. Unique opportunities exist for research partnerships with the Oak Ridge National Laboratory. Departmental information is available at http://www.che.utk.edu/. The primary responsibilities of the department head are to provide visionary leadership; to encourage excellence and innovation in research, teaching, and service; to advance professional development of faculty, staff and

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 Fall 2006. Faculty rank and research area are open. Applicants should have a PhD in chemical engineering or related area. 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 (referencing position number 00007761), 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, 2005. The University of Florida is an equal opportunity institution, and women and minorities are strongly encouraged to apply.

University of Waterloo

Faculty Positions
Nanotechnology Engineering - University of Waterloo

The departments of Chemistry, Chemical Engineering, and Electrical & Computer Engineering at the University of Waterloo invite applications for several positions at the Assistant, Associate, and Full Professor levels. The positions are part of the University's expansion in Nanotechnology Engineering (NE), which includes a new undergraduate degree program in NE (http://www.nanotech.uwaterloo.ca). The initiative is a cross-disciplinary partnership between the three departments which are home to more than 140 faculty members and 600 graduate students.

Applications are invited from excellent candidates in the fields of nanoscience and nanotechnology with emphasis in the areas of nanoelectronics (e.g. quantum structures, molecular electronics), micro/nano instruments (e.g., nanoscale spectrometry, fluidics), nanobiosystems (e.g., nanomedicine, biomaterials), and nanomaterials (e.g., nanocrystals, nano-engineered membranes). The successful candidates are expected to establish world-class, independent, externally-funded research programs in a research-intensive cross-disciplinary environment. The departments involved in the creation of the NE program are already home to state-of-the-art characterization, analysis, and synthesis research facilities including cleanroom laboratories for nanoscale structures and devices. Excellent research and teaching lab facilities are being established across the university, including a new building complex with lab clusters for nanotech research.

The candidates are also expected to develop and teach a broad range of innovative undergraduate and graduate courses in nanoscience and nanotechnology. Interested candidates should forward their curriculum vitae, the names of four referees, a short description of research accomplishments, a teaching statement and a research statement. They may also indicate the department they wish to be affiliated with. The positions will remain open until they are filled.

Applications should be sent to:

Faculty Hiring Coordinating Officer, Nanotechnology Engineering Program, University of Waterloo
200 University Avenue West, Waterloo, Ontario N2L 3G1, Canada.
E-mail: nefacultyhiring@nanotech.uwaterloo.ca
(electronic submissions welcomed)

With a student population of 22,000 and six faculties, the University of Waterloo has been rated as the most innovative university in Canada for the 13th year in a row. Located about 100 km from metropolitan Toronto, the University of Waterloo is in the Region of Waterloo with a population of 500,000. The area is in the heart of Canada's technology triangle and enjoys one of the fastest growths in Canada. All qualified applicants are encouraged to apply; however, Canadian Citizens and permanent residents will be given priority. The University encourages applications from all qualified individuals, including women, members of visible minorities, native peoples and persons with disabilities. Candidates are expected to become eligible for Professional Engineering registration in Ontario.

students; to promote productive relationships with all constituents including students, parents, alumni, industry and government agencies; and to foster productive interdisciplinary relationships with a variety of entities across the University community. The next department head will have the opportunity to critically shape the future of the department through strategic hires in the research focus areas, which include computational materials modeling, biomolecular engineering, and sustainable energy production. Applicants must hold a doctorate degree in chemical engineering or other closely related field and be eligible for appointment at the rank of full Professor. Commitment to and knowledge of affirmative action, equal employment opportunity and diversity are required. The successful candidate must also have a balanced perspective on research and teaching, as well as an ability to interact with a wide range of personalities and interests. Demonstrated excellence in research, professional practice, technical leadership, management, and graduate and undergraduate teaching is preferred. Exceptionally well-qualified candidates may be considered for appointment to a distinguished chair. **Interested individuals should submit a curriculum vitae, a letter of interest detailing personal qualifications and experience as related to this position, and the full names, addresses, and telephone numbers of five references to: Dr. George M. Pharr, Chair, Chemical Engineering Head Search Committee, c/o Office of the Dean, College of Engineering, The University of Tennessee, Knoxville, 124 Perkins Hall, Knoxville, TN 37996-2000. Review of applications will begin on November 1, 2005, and continue until the position is filled.** The University welcomes and honors people of all races, genders, creeds, cultures, and sexual orientations, and values intellectual curiosity, pursuit of knowledge, and academic freedom and integrity. The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services.

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING AT DREXEL UNIVERSITY invites applications for two tenure-track faculty positions at the assistant professor level beginning fall 2006. Targeted research areas include experimental and theoretical aspects of biological engineering and/or polymer science and engineering, but strong applications from other research areas will be considered. **Application materials including resume and statements of research and teaching should be sent to the Chair of the Search Committee, Masoud Soroush, at ms1@drexel.edu.**

TEXAS A&M ENGINEERING, FACULTY POSITIONS

Artie McFerrin Department of Chemical Engineering, Dwight Look College of Engineering, Texas A&M University - Applications are invited for several tenure-track positions at all levels from candidates with a PhD in chemical engineering or related discipline. Senior candidates must have a strong record of externally funded research and scholarly journal publications, while junior candidates should demonstrate the potential to develop such a record. Research areas of specific interest are bioengineering, nanotechnology, molecular imaging, process systems engineering, safety engineering, and computational chemical engineering. Outstanding candidates in other areas of chemical engineering will also be considered. Successful applicants will be expected to contribute to (1) a strong commitment to teaching excellence at all levels, (2) development of a high-quality, independent research program supported by external funding and evidenced by publications in leading scholarly journals, and (3) service to the profession both within the university and through national and international professional organizations. For more information, visit http://cheweb.tamu.edu. **Send applications to: Professor Kenneth R. Hall, Jack E. & Frances Brown Chair and Department Head, Artie McFerrin Department of Chemical Engineering, Texas A&M University, TAMU 3122, College Station, TX 77843-3122. Junior candidates should include a resume, detailed statement of teaching and research plans, and list of at least three references including their contact information.** Texas A&M University attempts to be responsive to the needs of dual career couples. EEO/AA. Employer Paid Ad.

FACULTY POSITION, SCHOOL OF CHEMICAL ENGINEERING, OKLAHOMA STATE UNIVERSITY

The School of Chemical Engineering seeks nominations and applications for a tenure-track position at the Assistant Professor, Associate Professor, or Professor level beginning Fall 2006. Candidates are sought who have an earned doctorate in chemical engineering or closely related area, and who have a strong interest in educational programs at both the undergraduate and graduate levels. The new faculty will fill a vacancy in biochemical engineering within a well established multidisciplinary bioengineering program, which is undergoing additional growth and expansion. Collectively, the bioengineering research faculty enjoy the benefits of a strong commitment by the university, major biotechnology research funding, modern biotechnology laboratory facilities, and two centers for Advanced Technology Research, one in Stillwater and one in Tulsa. The School of Chemical Engineering has ten faculty members, 275 undergraduate and 50 graduate students. The faculty give a high priority to teaching excellence. Our students are among the brightest in the University and graduate to become highly respected professionals. Faculty members actively participate in engineering research, extension, and continuing education programs. The School enjoys strong support from alumni, friends and industry that has resulted in four endowed chairs and professorships, a faculty development endowment, and numerous research and educational partnerships. For more information about the school and its successes, please visit our website: http://www.cheng.okstate.edu/. **Applications should contain a curriculum vita, a statement of teaching and research interests and goals, and three recommendation letters sent directly by the references. Screening of applicants will begin November 1, 2005 and will continue until the position is filled. Send applications or nominations to: Professor Khaled A. M. Gasem, Chair, Faculty Search Committee, School of Chemical Engineering, 423 Engineering North, Oklahoma State University, Stillwater, OK 74078-0321, Phone:(405)744-5280, FAX: (405) 744-6338, E-Mail: gasem@okstate.edu.** OSU is an Affirmative Action Equal Opportunity Employer.

THE DEPARTMENT OF CHEMICAL & BIOLOGICAL ENGINEERING, UNIVERSITY OF WISCONSIN-MADISON seeks outstanding individuals with a PhD and a strong background relevant to chemical or biological engineering. These tenure track positions will be at a rank commensurate with the qualifications and background of the successful candidates. Candidates should have a distinguished academic record, exceptional potential for creative research, and a commitment to both undergraduate and graduate instruction. For more senior applicants, an outstanding reputation in the field of specialty is a prime requirement. **Applications with supporting documents and a list of at least three references should be sent to: Professor Michael D. Graham, Faculty Search Committee, Department of Chemical & Biological Engineering, University of Wisconsin-Madison, 1415 Engineering Drive, Madison, WI 53706. The Search Committee will begin reviewing applications in October, 2005. Applications received prior to December 31, 2005 will receive full consideration.** The University of Wisconsin is an Equal Opportunity/Affirmative Action Employer.

FACULTY POSITIONS IN CHEMICAL ENGINEERING 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. The Chemical Engineering program at Louisiana Tech is ABET-accredited. For more information 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@latech.edu. Review of applications will begin on September 1, 2005, and will continue until the positions are filled. The starting date for each position is September 1, 2006 (possibly sooner). Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

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

Applications are invited for a tenure track faculty position in the Chemical Engineering Department at the Assistant Professor level. The successful candidate 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 this position is advanced materials; however, exceptional candidates in other research areas will be considered. Candidates should have a bachelor's degree in Chemical Engineering and an earned doctorate, preferably in Chemical Engineering. **Review of applications will begin on August 1, 2005 and will continue until the position is filled. Send curriculum vitae, addresses of three references, and a brief statement of research and teaching interests by e-mail to PLLUML01@Louisville.edu: The Advanced Materials Faculty Search Committee, c/o P. Lumley, Chemical Engineering Department, University of Louisville, Louisville, Kentucky 40292.** Contact Professor Mahendra Sunkara (502-852-1558) for further details. Minority and female candidates are encouraged to apply. The University of Louisville is an Equal Opportunity, Affirmative Action Employer.

UNIVERSITY OF ILLINOIS OF URBANA-CHAMPAIGN CHEMICAL AND BIOMOLECULAR ENGINEERING DEPARTMENT FACULTY OPENINGS IN THE AREA OF BIOINFORMATICS

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications from outstanding candidates for full-time tenure-track faculty positions in the area of bioinformatics, defined in its broadest sense to encompass all aspects of collecting, analyzing, and using biological data at the interfaces among biological, chemical, computer, engineering, and medical sciences. Preference will be given to candidates with specific interests in the area of systems biology, including analytical, computational, and/or experimental methods. Candidates are expected to develop a strong imaginative research program, engage in outstanding scholarly activities leading to national and international recognition, and bring innovation to instruction. The department has recently led the development of the campus-wide Bioinformatics graduate degree program at the University of Illinois, while the campus has made a strong commitment in the Bioinformatics area through its Institute for Genomic Biology, offering an exceptionally collaborative environment. Successful candidates are expected to develop interdisciplinary research programs and leverage bioinformatics resources and activities across campus. Applicants must have a PhD degree. Salary and appointment level are commensurate with qualifications and experience. Senior appointments will be considered for persons of recognized national and international stature. **To ensure full consideration, applications must be received by January 1, 2006. A preferred starting date is August 16, 2006. Applications with curriculum vitae, research and instruction statement, and names of three references should be sent to Professor Edmund Seebauer, Interim Head of Chemical and Biomolecular Engineering, University of Illinois, 114 Roger Adams Lab, Box C-3, 600 S. Mathews Avenue, Urbana, Illinois 61801, phone (217) 333-3640. Please note: applicants are strongly encouraged to use the web-based application process. (www.scs.uiuc.edu/chem_eng/).** The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF ILLINOIS OF URBANA-CHAMPAIGN, CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY OPENING

The Department of Chemical and Biomolecular Engineering at the University of Illinois at Urbana-Champaign invites applications for a full-

UNIVERSITY OF FLORIDA

University of Florida Research and Engineering Education Facility (UF-REEF), located in Shalimar, Florida, invites applications for a visiting assistant (or associate) professor position in advanced energetic materials and computational modeling, including high fidelity modeling of energetic solids subjected to thermal and mechanical loads, and high-pressure shock compression. We are seeking an individual who will work closely with staff at the Energetic Materials Branch, Eglin AFB, and develop a vigorous research program in computational modeling of energetic solids such as MIC and explosives with metallic nano-particles. Of particular interest is the development of a statistical approach that incorporates mesoscale (grain or crystal level) physics at the continuum level. The initial appointment is for two years, renewable for a third year with a possibility of extension as a tenure-truck faculty member in the UF Department of Chemical Engineering. Preference will be given to candidates with a PhD in Chemical Engineering, but related fields will also be considered. UF offers a very competitive benefit program. Applicant should submit a CV with a list of publications, three names of references, and a brief statement of research interest to: **Chair, Faculty Search Committee, University of Florida Research and Engineering Education Center, 1350 N. Poquito Rd, Shalimar, FL 32579-1163.** Electronic applications should be sent to Mrs. Julie Lusk, **jlusk@ufl.edu**. The deadline for applications is September 30th. Questions? Contact Julie Lusk, 850-833-9350

University of Michigan

Department of Chemical Engineering

The Chemical Engineering Department at the University of Michigan is seeking highly qualified applicants for an Assistant Professor position. While this year we are especially interested in candidates with expertise or interest in areas related to nano-scale science, we will seriously consider outstanding candidates in any area related to Chemical Engineering. In addition, since our search is part of a 'cluster hire' involving the Mechanical Engineering and Materials Science and Engineering departments, interest in a partial appointment in either of those two departments or other departments in the College of Engineering will be explored.

Please send resumes to:

Ronald Larson
George Granger Brown Professor of Chemical Engineering and Chairman
2300 Hayward
3074 HH Dow
Ann Arbor, MI 48109-2136

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time, tenure-track faculty position in biomaterials and tissue engineering. The candidate should have extensive experience in the design and evaluation of biomaterials for tissue scaffolds, and demonstrate knowledge of cell biology relevant to tissue engineering. A PhD and strong publication record are required. The preferred starting date for this position is August 16, 2006. In order to ensure full consideration, applications must be received by December 1, 2005. Salary and appointment level are open and will depend upon qualifications. The candidate is expected to develop a strong research program, leading to national and international recognition, and to bring innovation to instruction. **Applications including a curriculum vitae, statement of research and instruction plans, and names of three references should be sent to Professor Edmund Seebauer, Interim Head of Chemical and Biomolecular Engineering, University of Illinois, 114 Roger Adams Lab, Box C-3, 600 S. Mathews Avenue, Urbana, Illinois 61801, phone (217) 333-3640. Applicants are strongly encouraged to use the web-based application process. (www.scs.uiuc.edu/chem_eng/).** The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

UNIVERSITY OF ILLINOIS OF URBANA-CHAMPAIGN, CHEMICAL AND BIOMOLECULAR ENGINEERING FACULTY OPENING

The Department of Chemical and Biomolecular Engineering at the University of Illinois of Urbana-Champaign invites applications from outstanding candidates for one or more full time regular faculty positions (rank open). A preferred starting date for these positions is August 16, 2006. In order to ensure full consideration, applications must be received by December 1, 2005. Interviews may be conducted during the application period, but all applications received by December 1 will receive full consideration: salary and appointment level are open and will depend upon qualifications. A PhD with a distinguished academic record is required. Duties include teaching undergraduate and graduate courses, direction of MS and PhD theses, and service to the University and profession. The candidate is expected to develop a strong imaginative research program, to engage in outstanding scholarly activities leading to national and international recognition, and to bring innovation to instruction. Past accomplishments should support these expectations. **Applications with curriculum vitae, research and instruction statement, and names of three references should be sent to Professor Edmund Seebauer, Interim Head of Chemical and Biomolecular Engineering, University of Illinois, 114 Roger Adams Lab, Box C-3, 600 S. Mathews Avenue, Urbana, Illinois 61801, phone (217) 333-3640. Please note: applicants are strongly encouraged to use the web-based application process. (www.scs.uiuc.edu/chem_eng/).** The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT PROFESSOR, ASSOCIATE PROFESSOR/PROFESSOR, CHEMICAL ENGINEERING, UNIVERSITY OF DELAWARE

The Department 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. **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 to Professor Norman Wagner, Search Committee Chairperson, Department of Chemical Engineering, University of Delaware, Newark, DE 19716-3110. The committee will commence review of applications on November 15, 2005.** 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.

INDUSTRY RESOURCES

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Published monthly.

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Contact 212-591-7170 or denid@aiche.org for classified display ad and business card ad rates and guidelines for submittal.

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