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POSITIONS AVAILABLE

SR. ENGINEER II - CHEMICAL

The National Renewable Energy Laboratory (NREL) in Golden, CO is the U.S. Department of Energy's premier laboratory for renewable energy and energy efficiency. Perform process design/economic analysis of biomass-based processes, with emphasis on biochemical conversion technologies. Combine broad, in-depth knowledge of modeling tools to enhance conceptual design of biochemical processes. Perform analyses in modeling sustainable value chains/develop life cycle analysis models. Evaluate ways policy will impact implementation of biomass as a raw material for fuels and chemicals. Write technical memos, present and publish key results. Develop annual analysis plans. Requires PhD in chemical engineering, science or equivalent relevant education/experience and ten years related R&D experience. **Visit www.nrel.gov/hr/employment for more details. Please reference req. number E5100-1314.** NREL is an equal opportunity employer.

CHEMICAL ENGINEER

Chemical Engineer sought by Jinny Beauty Supply, Co. Inc, in Doraville GA. Conduct research to dvlp new & improved chemical mfg processes. Analyze operating procedures & eqpmt & machinery functions to reduce processing time & cost. Direct activities of workers who operate & control eqpmt to effect reqd chemical or physical change. Send resumes to Melissa Chadwick to 3587 Oakcliff Rd., Doraville, GA 30340.

PROGRAM DIRECTOR

The Center for Energy Technology at RTI International is seeking a Program Director to be responsible for management of several business development efforts, new programs, and administrative functions in the Center. Working closely with the Center Director, this position will be responsible for developing new commercial and government research business, and handling the technical aspects of technology commercialization. Contribution to the process of preparing proposals to obtain external funding from government and private sources will be critical. The position will potentially take project management responsibility for newly established programs. The role also includes assisting the Center Director in administrative and financial management of the Center. The successful candidate will have a PhD in Chemical Engineering plus 7+ years experience in the energy industry or the chemical industry. Prior project management experience, demonstrated strong people management skills, business acumen, and solid financial management skills are job requirements. 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. Past experience in working with DOE is a plus. **Interested candidates should apply online at www.rti.org/careers. Requisition No. CS12111. We are proud to be an EEO/AA employer M/F/D/V.**

QAFCO

QATAR FERTILISER COMPANY (QAFCO) is an ISO 9001, 14001 and OSHAS 18001 certified company and is the largest single site Ammonia and Urea fertilizer producer in the Middle East and a leading exporter in the World Market. The company is located at Mesaieed in the State of Qatar, and operates 4 Ammonia and 4 Urea plants, with total capacities of 6,090 and 8,300 metric tons per day respectively. The Company has 970 staff from 24 nationalities and to meet its operational requirements, the company has the following vacancies:

1. HEAD OF UREA PLANT
2. HEAD OF AMMONIA PLANT

Key responsibilities include:

- Competencies in liaising with the Production Manager and other plant heads.
- Maintaining HSE standards
- Keep track of operational conditions
- Initiate improvements
- Make long term plans
- Budgeting, cost control
- Maintenance planning, shutdowns and turnarounds
- Liaises with Licensees and manufacturers

Required Skills:
Graduate in Chemical Engineering with a minimum of ten (10) years experience, preferably from Urea / Ammonia Plants, in plant operations, supervision and management of production within a manufacturing environment.

To apply for this position:

To apply for this position, e-mail your Resume to : asulden@qafco.com.qa
Or Mail it to
A/Head of Personnel Planning & Administration
Qatar Fertiliser Company (S.A.Q), P.O.Box 50001, Mesaieed, QATAR, Fax : (+974)477-0926

PROCESS SAFETY ENGINEER

ISP (www.ispcorp.com) seeks a Process Safety Engineer for corporate headquarters in Wayne, NJ to assist in the overall PSM effort and interact with ISP facilities. Duties will also include conducting and monitoring process safety (PS) audits and working with the PS laboratory to develop and implement PS information throughout plants, R&D, and Central Engineering. Requires a Bachelor's degree in Chemical Engineering, 7-9 years of chemical/pharma industrial experience desired, as well as PS and exposure in some or all of the following: process hazard identification and mitigation; PHA leadership and participation; risk assessments; relief system design; incident investigation; powder hazard characterization and process safety laboratory interaction. Strong technical capability, coupled with an equally strong PS focus, is required for this position. **Please send resume and salary information to Ref.PSE at Jobs2@ispcorp.com.**

ACADEMIC OPENINGS

CLEMSON UNIVERSITY, CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for appointment at the level of Assistant or Associate Professor, commensurate with the candidate's experience and level of achievement. The research area is open, but candidates in bio-related fields, alternative energy, and advanced materials are especially encouraged to apply. Candidates should have a PhD in chemical engineering or a related field. **Applicants should submit hard copies of a resume, a statement of research and teaching interests, and names and addresses of three references to Chair of the Faculty Search Committee, Department of Chemical and Biomolecular Engineering, Clemson University, Clemson, SC 29634-0909. Review of applications will begin on October 15, 2005. Applications received by December 15, 2005 will receive full consideration, with the review process continuing until the positions are filled**. Information about the department is available at http://www.ces.clemson.edu/chemeng/. Clemson is the land-grant university for the state of South Carolina and is an Equal Opportunity/Affirmative Action Employer.

MULTIPLE FACULTY POSITIONS, UNIVERSITY OF CALIFORNIA, RIVERSIDE, BOURNS COLLEGE OF ENGINEERING

The Bourns College of Engineering at the University of California, Riverside invites applications for tenure-track or tenured faculty positions at the Assistant, Associate, or Professor Rank. The College is seeking highly qualified faculty members in the areas of Bioengineering, Chemical Engineering, Computer Engineering, Computer Science, Electrical Engineering, Environmental Engineering, Material Science and Engineering, and Mechanical Engineering. Specific areas of interest are provided at www.engr.ucr.edu/facultysearch/. People with vigorous research programs and demonstrated graduate student productivity are strongly encouraged to apply for the senior rank. Applicants should have a doctoral degree in the relevant engineering discipline or a related field; those with a bachelor's degree in engineering are preferred. Salary level will be competitive and commensurate with qualifications and experience. We anticipate that the successful applicant will complement the highly motivated and entrepreneurial spirit of the College faculty, contributing meaningfully to the success of future teaching, research, and service accomplishments. Faculty research activities are essential to the success of our program and as such new members are expected to initiate and sustain strong sponsored research and graduate training programs. The Bourns College of Engineering is proud of its faculty's accomplishments and rapid growth. Over the past five years, the numbers of faculty and undergraduates have nearly doubled; graduate student enrollment has increased six-fold, and research expenditures have more than tripled. The College currently has 70 faculty members, 1400 undergraduates, more than 300 graduate students, and more than $30 million in annual research expenditures. The College is home to five interdisciplinary and multidisciplinary research centers: The Center for Environmental Research and Technology (CE-CERT), the Center for Research in Intelligent Systems (CRIS), the Center for Nanoscale Science and Engineering (CNSE), the Center for Bioengineering, and the Network Embedded Computing Systems Institute (NECSI). The College recently opened its Engineering II building as well as the Bourns Hall Clean Room facility (part of CNSE), and is expecting the opening of two additional buildings, Material Science and Engineering, and Engineering III in 2008 and 2011, respectively. The search committee will begin reviewing applications on January 1, 2006, and will continue to receive applications until the positions are filled. **To apply please register through the weblink at www.engr.ucr.edu/facultysearch/ and submit the requested PDF or Word files (cover letter, curriculum vitae, statements of research and teaching interests, and reference contact information).** For inquiries and questions, please contact us at facultysearch@engr.ucr.edu. The University of California, Riverside is an Equal Opportunity/Affirmative Action Employer.

TEXAS A&M ENGINEERING, FACULTY POSITIONS, DEPARTMENT OF CHEMICAL ENGINEERING, COLLEGE OF ENGINEERING, TEXAS A&M UNIVERSITY, QATAR

Applications are invited for several tenure-track positions at all levels from candidates with a PhD in chemical engineering or closely related field. The positions are available at Texas A&M University in Qatar, TAMUQ, which prepares graduates that satisfy identical requirements and receive TAMU degrees. 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. Successful applicants will teach and conduct research at TAMU, College Station, during the first year. Research areas of specific interest are process systems engineering, safety engineering, natural gas engineering, environmental engineering, but any chemical engineering research area can be of interest. Successful applicants must commit to (1) teaching excellence at all levels, (2) development of a high-quality, independent research program evidenced by publications in leading scholarly journals, and (3) establish ties with Qatari industries and perform outreach activities through national and international professional organizations. **Send electronic applications to: krhall@tamu.edu, 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, Qatar attempts to be responsive to the needs of dual career couples.

GEORGIA INSTITUTE OF TECHNOLOGY

Nominations and applications are sought for an ENDOWED CHAIR in the School of Chemical & Biomolecular Engineering. Candidates should have significant research accomplishments and interests in both undergraduate and graduate education. Candidates from academia, industry or national labs are encouraged to apply. Information about the School of Chemical & Biomolecular Engineering and links to other activities at Georgia Tech are located at the website: http://www.chbe.gatech.edu. Consideration of candidates will begin immediately, but nominations and applications will be accepted until the position is filled. **A resume, and a statement of research interests and accomplishments should be submitted 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 POSITIONS, NANOSCALE MATERIALS, OKLAHOMA STATE UNIVERSITY

As part of a statewide commitment to excellence in nanoscale science and engineering, Oklahoma State University seeks applicants for two tenure-track assistant professor positions. The successful candidates will be appointed in the Departments of Chemistry or Physics in the College of Arts & Sciences, and/or in the Schools of Chemical, Electrical & Computer, or Mechanical & Aerospace Engineering in the College of Engineering, Architecture and Technology. Oklahoma has existing strengths in polymers at interfaces, carbon nanotubes, fuel cell materials, and sensors. We seek candidates who will expand our strengths in these or other related and complementary areas. Applicants should have an earned PhD in an appropriate discipline. Research experience beyond the PhD is desirable. Successful candidates will be expected to develop an externally funded, internationally recognized research program in nanoscale science and/or engineering; to excel in teaching at both the undergraduate and graduate levels; and to work collaboratively across the university and state. **Submit a letter of application, curriculum vitae, descriptions of two research projects with plans to secure external funding, a statement of teaching interests and philosophy; and the names and contact information of five references to Nanoscale Materials Search Committee, 201 ATRC, Oklahoma State University, Stillwater OK, 74078. Enquiries or pdf-formatted applications may be sent to nanosearch@ceat.okstate.edu.** Review of applications will start February 1, 2006 and continue until the positions are filled. The target starting date is August 2006. Women and minority applicants are encouraged. Oklahoma State University is an Equal Opportunity Affirmative Action Employer.

BIOENGINEERING FACULTY POSITION, COLLEGE OF ENGINEERING, ARCHITECTURE, AND TECHNOLOGY, OKLAHOMA STATE UNIVERSITY

The College has established a multidisciplinary bioengineering initiative on its Stillwater and Tulsa campuses. Current strengths include biomaterials, cellular engineering, biomechanics, imaging, and bio sensors. Substantial increases in faculty and resources are planned. Applications are invited for a tenured/tenure-track faculty position on the Stillwater campus at the Assistant/Associate Professor level with a target starting date of August 2006. The successful candidate will be appointed in one of three engineering departments: Chemical, Electrical and Computer, or Mechanical and Aerospace Engineering. Applicants should demonstrate strong experimental, analytical, computational, and oral and written communication skills. An earned PhD in engineering or a related field is required. Candidates must have high potential for excellent teaching at undergraduate and graduate levels; and for developing a strong, externally funded research program. Research experience beyond the doctorate in industry, government, or academia is desirable. Screening will begin January 9, 2006 and continue until the position is filled. **Applicants should provide a letter of application; statement on teaching interests and philosophy of teaching; statement giving plans for research and securing extramural funding; curriculum vitae; and a list of five references to: Dr. Alan Tree, Chair, Bioengineering Faculty Search Committee; College of Engineering, Architecture, and Technology; 201 ATRC; Oklahoma State University; Stillwater, OK 74078-0545 or tree@okstate.edu.** Women and minority applicants are encouraged. Oklahoma State University is an Affirmative Action/Equal Opportunity Employer.

ASSISTANT/ASSOCIATE PROFESSOR, DEPARTMENT OF CHEMICAL ENGINEERING, VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

The Department of Chemical Engineering at Virginia Tech seeks outstanding candidates for the position of Assistant or Associate Professor with the rank being commensurate with experience and qualifications. Applicants should have a PhD in chemical engineering or a related field, a record of excellence in research, and a commitment to teaching at the undergraduate and graduate levels. Candidates with research interests in energy and advanced separations are particularly encouraged to apply. **Interested individuals should apply on-line at www.jobs.vt.edu (refer to posting 043124) and submit a curriculum vitae, a statement of teaching and research goals, and the name and contact of three references. For more details visit http://www.che.vt.edu/ or contact: Professor Eva Marand, Faculty Search Committee, Department of Chemical Engineering (0211), Virginia Tech, Blacksburg, VA 24061.** Review of applications will begin November 1, 2005. The search will remain open until the position is filled. Female and minority applicants are especially encouraged to apply. Virginia Tech is an Equal Opportunity/Affirmative Action Employer.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT VIRGINIA TECH

invites applications and nominations for the position of the Alexander Giacco Chair. The Department is entering a major growth phase and is specifically interested in expanding the bio-engineering component of its research and education program. The holder of the Giacco chair will be expected to lead the development in this area and, as such, will have the flexibility to direct a subsequent search for one or two junior faculty. The Giacco Professor will benefit from collaborative interactions with the newly formed School of Biomedical Engineering and Sciences (SBES), a collaborative program between the College of Engineering at Virginia Tech and the School of Medicine at Wake Forest University. (Information about SBES can be found at www.sbes.vt.edu). The Giacco Professor will also benefit from interactions with the Macromolecules and Interfaces Institute (MII), one of the leading programs in polymer science and engineering in the country. (Information about MII can be found at http://www.mii.vt.edu). A doctorate in chemical engineering or a closely-related field is required. In addition, all candidates are expected to have a distinguished record of excellence in research, teaching, and scholarship that would support appointment at the rank of Professor. **Applications should be made on-line at www.jobs.vt.edu (posting 043126) and include a complete CV, a letter summarizing the candidate's vision for the position, and names of at least three references.** Review of applications is expected to commence January 1, 2006, and will continue until the position is filled. Virginia Tech has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates. Women, minorities, and people with disabilities are encouraged to apply. Our university is one of the participants in the NSF Advance program to promote the careers of women faculty members. We encourage a visit to http://www.advance.vt.edu/ for more information. Individuals with disabilities requiring assistance in the application process should notify Ms. Jane Price, (540) 231-8051, jsprice@vt.edu.

UNIVERSITY OF WASHINGTON,
DEPARTMENT OF CHEMICAL ENGINEERING, FACULTY POSITION

The Department of Chemical Engineering at the University of Washington invites applications for a tenure-track faculty position to begin September 16, 2006. The Department is seeking individuals 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 15 with 70 graduate students and 130 undergraduates (juniors and seniors only). Research strengths include, nanotechnology, photonics, biotechnology, organic electronics, electrochemical engineering, fuel cells, computational methods, colloids, and interfacial phenomena. Additional information about the Department can be found at http://depts.washington.edu/chemeng/. Applications in the areas of colloids and interfaces, nanotechnology, and energy systems are encouraged, although all areas of chemical engineering will be considered. Candidates must demonstrate outstanding potential for high impact research as judged, in part, by their publication record. The Department, College of Engineering, and University of Washington are committed to outstanding teaching. Candidates will be expected to provide innovative and quality teaching that integrates 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 female and minority candidates. The University of Washington is an Equal Opportunity, Affirmative Action employer.

POSITION OPENING

TENURE TRACK
FACULTY POSITION

BIOENGINEERING & BIOTECHNOLOGY

The Thayer School of Engineering at Dartmouth College is expanding its faculty in the Biotechnology and Bioengineering area. Successful applicants will have a Ph.D. in engineering and/or the life sciences and will be evaluated based on the potential to establish an internationally recognized research program and the desire to excel as a teacher at both the undergraduate and graduate levels. Priority will be given to candidates who: (i) can build a distinctive research program in the area of *engineered living systems* (e.g. cell and metabolic engineering, protein engineering) and (ii) have the potential to collaborate with other Engineering faculty, with faculty of the Dartmouth Hitchcock Medical Center and/or other life science departments at Dartmouth (e.g. Biology, Immunology, Microbiology). Candidates with industrial research experience are encouraged to apply. The current search is focused at the Assistant Professor level, although outstanding candidates at other ranks will be considered.

Dartmouth Thayer School is both a department of Engineering Sciences and a graduate professional school of engineering. Within an interdisciplinary framework, over a dozen faculty are active in chemical & biochemical engineering with particular foci on biochemical, biomedical and environmental engineering, and materials science.

A cover letter, research statement and curriculum vitae should be sent to Prof. Tillman Gerngross, Thayer School of Engineering, Dartmouth College, Hanover, NH 03755-8000, USA. Review of candidates will begin December 30th, 2005 and will continue until the position is filled.

Dartmouth College is an equal opportunity and affirmative action employer and encourages applications from women and members of minority groups.

FACULTY POSITION - NORTHWESTERN UNIVERSITY,
CHEMICAL & BIOLOGICAL ENGINEERING DEPARTMENT

The Chemical and Biological Engineering Department at Northwestern University invites applications for a tenure-track faculty position. Candidates should demonstrate the potential to develop a vigorous, well-funded, and internationally recognized research program, and be committed to teaching and mentoring students at undergraduate and graduate levels. Research topics of particular interest include molecular level approaches to the design, synthesis, modeling, processing, and/or characterization of novel materials or catalysts; applicants with interests in other research areas will also be considered. **Application packages (including the candidate's curriculum vitae, the names of at least three references, and descriptions of future research plans, previous research accomplishments, and teaching interests) may be sent in electronic form as PDF files to chbe-search@northwestern.edu by December 31, 2005.** Alternatively, the package may be sent to Faculty Search Committee Chair, Department of Chemical and Biological Engineering, Northwestern University, Evanston, IL 60208-3120. Current PhD students and very recent PhD graduates are encouraged to include copies of official or unofficial transcripts of their college and university education. Northwestern University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

FACULTY POSITION IN ENVIRONMENTAL ENGINEERING
AT OREGON STATE UNIVERSITY

The Department of Civil, Construction, and Environmental Engineering (CCEE) invites applications for a full-time, 9-month, tenure track Assistant or Associate Professor appointment in environmental engineering. The position could be filled as soon as July 2006. The successful candidate should have an earned doctorate in civil, environmental, or chemical engineering or a closely related engineering discipline.The candidate should have a demonstrated ability in one or more of the following areas: environmental modeling; aquatic chemistry applied to engineered and natural systems; colloidal and interfacial phenomena; innovative methods for the treatment of drinking water or wastewater for water reuse; applications of micro- and nanotechnology to the environment; and development of environmental sensors. The successful candidate is expected to teach and advise undergraduate (BS) and graduate (MS, PhD) students in the environmental engineering program. In addition, they are expected to develop and sustain a high-quality, sponsored research program that would involve MS and PhD student researchers, engage in interdisciplinary research with faculty within CCEE, and in other academic units at OSU including chemical engineering, chemistry, environmental and molecular toxicology and microbiology. Full information about the position may be found on the web at http://oregonstate.edu/admin/hr/jobs/academic/008-492.html. **To ensure full consideration, applications must be received by January 15, 2006. Please submit a letter summarizing your background and research and teaching interests, a detailed résumé, and the names, addresses, e-mail addresses and phone numbers of at least three professional references to: Environmental Engineering Search Committee Chair, Dept. of Civil, Construction, and Environmental Engineering, 220 Owen Hall, Oregon State University, Corvallis, OR 97331-3212, or by e-mail to jonesga@engr.orst.edu.** Oregon State University is an Equal Opportunity/Affirmative Action employer and has a policy of being responsive to dual-career needs.

RESEARCH ASSOCIATE OR POST DOCTORAL FELLOW,
STANFORD UNIVERSITY

Stanford University, Department of Petroleum Engineering, is seeking a scientist or engineer with a strong background in fluid mechanics, heat transfer and numerical modeling for research work on the modeling of advanced wells in steam injection operations for the recovery of heavy oils. The candidate must have a PhD degree from a recognized university in mechanical, chemical, petroleum engineering or a related field. Previous experience on the development of reservoir simulators will be an asset. The appointment will be at the Research Associate or Post Doctoral Fellow level depending on the experience. The initial term of the appointment will be 3 years. Further details about the Department of Petroleum Engineering are available at: http://ekofisk.stanford.edu/. **Applications along with the names of three references should be sent before January 15, 2006 to: Khalid Aziz, Professor of Petroleum Engineering, 65 Green Earth Sciences Building, Stanford University, Stanford, CA 94305-2220, Fax: (650) 725-2099, e-mail: aziz@stanford.edu.** Stanford University is an Equal Opportunity/Affirmative Action institution.

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

ENDOWED CHAIR IN NANOTECHNOLOGY

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

UNIVERSITY OF NEVADA, RENO,
CHEMICAL ENGINEERING TENURE-TRACK POSITION

The University of Nevada, Reno, invites applications for a tenure-track position in chemical engineering at the rank of Assistant or Associate Professor, starting August 1, 2006. A BS and a PhD are required, at least one of which must be in chemical engineering. Demonstrated potential for high-quality research and teaching in chemical engineering are required for appointment to the rank of Assistant Professor, and demonstrated excellence in both is required for appointment to the rank of Associate Professor. The areas of interest are biological engineering, renewable energy, environmental engineering, and nanotechnology, but applicants with expertise in other areas complementing the faculty's research will be considered. Industrial experience is preferred, but not required. Excellent communication skills are required. **Applicants should submit a letter of application, curriculum vita, statements of teaching and research plans, and the names of at least four references after October 3 via our online application system at http://jobs.unr.edu/professional/. Review of applications will begin January 10, 2006.** EEO/AA. Women and underrepresented groups are encouraged to apply.

FACULTY POSITIONS, THE SIBLEY SCHOOL OF MECHANICAL AND AEROSPACE ENGINEERING AT CORNELL UNIVERSITY, ITHACA, NEW YORK invites applications for at least two (2) tenure-track faculty positions. We welcome applications from all areas of Mechanical and Aerospace Engineering, however, we are particularly interested in candidates with research interests in the following areas: 1. Biomechanics, and analysis of biomechanical systems. 2. Energy, energy systems, sustainability and the environment. Applicants must hold a doctorate in an appropriate field and must have demonstrated an ability to conduct outstanding research, and show promise for excellent teaching. We anticipate filling the positions at the Assistant Professor level, but applications at other levels will be considered; salary and rank are commensurate with qualifications and experience. 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: Chair, Faculty Search Committee, Sibley School of Mechanical & Aerospace Engineering, 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. All applications received by February 15, 2006 will receive full consideration.

Lectureship (Food & Bioprocessing)

Department of Chemical & Materials Engineering

Vacancy Number A660-05

The Department of Chemical and Materials Engineering offers an undergraduate process engineering degree with a unique materials engineering and food and bioproduct processing bias. The department also provides service teaching in materials science and engineering to students in the Faculty of Engineering and an interfaculty technology degree in materials. In addition, the department is involved with the teaching in BTech (Biotechnology) degree and the BSc (Hons) and MSc in Food Science.

The department currently has 15 academic staff members, and approximately 150 undergraduate and over 50 postgraduate students. The main research areas in the department are food science and engineering, dairy processing, biochemical separation, heat and mass transfer, pulp and paper, process metallurgy, physical metallurgy, high temperature superconducting materials, nano-materials and processing, composite materials, high temperature corrosion, surface science and engineering. The department collaborates closely with the Food Science Programme in the Faculty of Science.

The department is also host to the Research Centre for Surface and Materials Science, and the Bioprocessing Laboratory. The Department also works closely with the Light Metals Research Centre.

Applications are invited from chemical, biochemical and food engineers with strengths in bioprocessing, or any of the emerging areas.

Applicants must hold a PhD in a relevant discipline:

- have potentials in research and publication and the ability to contribute to the teaching programme in process engineering, food and bioprocessing at both the undergraduate and graduate level.
- the ability to contribute towards the teaching of food and bioprocessing, other core chemical engineering subjects will be an added advantage.
- research experience in food process engineering, heat and mass transfer and computer modelling will be a definite advantage.
- applicants with some experience in industrial processing of food and bioproducts, and an ability to work towards obtaining external funding to support a research programme in food and bioprocessing will be favoured.

Preliminary enquiries relating to the position, the department and its teaching and research, should be directed to Professor George Ferguson, Head of the Department of Chemical and Materials Engineering, telephone +64-9-373 7599 ext 88133, email: wg.ferguson@auckland.ac.nz. Potentials applicants are invited to visit the Department website: http://www.ecm.auckland.ac.nz/

For further information and to apply online please visit www.vacancies.auckland.ac.nz or alternatively call +64-9-373 7599 ext 83000. Please quote the vacancy number.

Applications close 6 January 2006.

The University has an equal opportunities policy and welcomes applications from all qualified persons.

EEO Employers Group

THE UNIVERSITY OF AUCKLAND

NEW ZEALAND

Te Whare Wānanga o Tāmaki Makaurau

SYRACUSE UNIVERSITY, MILTON AND ANN STEVENSON PROFESSORSHIP OF BIOMEDICAL AND CHEMICAL ENGINEERING

The L. C. Smith College of Engineering and Computer Science at Syracuse University invites applications and nominations for the Milton and Ann Stevenson Professorship of Biomedical and Chemical Engineering, a new position in the Department of Biomedical and Chemical Engineering to begin August, 2006 at the Associate Professor, or preferably, at the Full Professor level. The Department is committed to developing interdisciplinary research and teaching that links biomedical and chemical engineering. The position will be filled by an outstanding scientist-engineer with demonstrated research excellence at the interface of those two disciplines. The Professorship will provide discretionary funding to support research and it is anticipated that the successful candidate will provide leadership in the selection of a junior-level tenure-track faculty position in the Department to be filled in conjunction with this position. The Stevenson Professor will have a strong externally funded research program that complements and extends the research interests of the current faculty (see http://www.ecs.syr.edu/bmc_index.asp). The Department offers BS (ABET-accredited), MS and PhD degrees in both chemical engineering and bioengineering and the successful applicant will be able to teach in these programs. Applicants should have a PhD and academic and/or industrial experience indicating promise of an exceptional future in engineering research. In addition to collaboration with faculty in other schools and colleges, the Institute for Sensory Research and the Center of Excellence in Environmental and Energy Systems within Syracuse University, collaborative research opportunities extend to the adjacent campuses of the SUNY Upstate Medical University and the SUNY College of Environmental Science and Forestry. The greater Syracuse region is growing industry-academic opportunities in the biotechnology realm as evidenced by planned construction of a life sciences building at Syracuse University (see http://lifesciences.syr.edu/main.html), the new Syracuse Biotechnology Research Center (see http://www.upstate.edu/biocenter/), and the recent creation of CNY MedTech (see http://cnymedtech.org/) to foster commercialization of biomedical technologies regionally. **Applicants should submit a curriculum vitae, statements of research and teaching interests, and arrange for 3 letters of recommendation to be submitted to Gustav A. Engbretson, Chair, Department of Biomedical & Chemical Engineering, 121 Link Hall, Syracuse University, Syracuse, NY 13244-1240. Application materials may be submitted electronically to www.sujobopps.com.** Review of applications will begin November 1, 2005 and will continue until the position is filled. Syracuse University is an Equal Opportunity/Affirmative Action Employer with a strong commitment to equality of opportunity and a diverse work force.

DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE FACULTY POSITION AT THE UNIVERSITY OF CALIFORNIA, IRVINE (UCI)

The Department of Chemical Engineering and Materials Science at UCI invites applications for a tenure-track faculty position at the Assistant Professor level to begin July 1, 2006. The Department is seeking applicants from emerging topical areas in chemical engineering. Although all fields will be considered, the Department is particularly interested in candidates with expertise in the biomolecular- and/or polymer-related areas of chemical engineering. Applicants must demonstrate outstanding potential for high impact research as judged, in part, by their publication record. The candidate should also be an effective communicator and demonstrate their commitment to high-quality teaching in the chemical engineering discipline, in a fashion that integrates teaching and research at both the undergraduate and graduate levels. A doctoral degree is required, although candidates in the final stage of their doctoral program may apply. The Department has 15 members of the faculty that oversee the teaching and research activities of 84 graduate students and 129 undergraduates (for more information, visit our website at www.eng.uci.edu/dept/chems). In its short 40-year history, UCI has moved to the top ranks of public universities and garnered three Nobel prizes. The campus is located a few miles from the coast in a beautiful region of Orange County, mid-way between Los Angeles and San Diego in southern California. **For full consideration, applicants should send their curriculum vitae, a brief statement on current and future research and teaching interests, and at least three letters of reference by January 6, 2006 to: The Chair of the Search Committee, Department of Chemical Engineering and Materials Science, University of California, Irvine, Engineering Tower, Room 916, Irvine, CA 92697-2575.** The University of California is an equal opportunity Employer committed to excellence through diversity, has an active Career Partner Program and a National Science Foundation Advance Gender Equity Program.

TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING THE DEPARTMENT OF CHEMICAL, BIOMEDICAL AND MATERIALS ENGINEERING AT STEVENS INSTITUTE OF TECHNOLOGY

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

DEPARTMENT OF CHEMICAL ENGINEERING (CIT) OF THE FACULTY OF ENGINEERING AT THE KATHOLIEKE UNIVERSITEIT LEUVEN (BELGIUM)

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

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.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, DEPARTMENT OF MECHANICAL ENGINEERING, FACULTY POSITION IN ENERGY SCIENCE AND TECHNOLOGY

The Department of Mechanical Engineering is seeking outstanding candidates for a tenure-track assistant professor position in the field of energy science and technology. The Department is looking for individuals who will contribute to the engineering of modern energy conversion systems and processes. Energy sciences in the areas of surface and membrane chemistry and physics are of particular interest as well as work on microscopic-level phenomena relevant to the engineering of surfaces and interfaces where reactions and transport occur. Topics of interest include, but are not limited to, improving the efficiency and durability of fuel cells; boosting the rating of energy storage; the design of compact and efficient reformers; thermoelectric devices and photovoltaics and their integration with other conversion processes; physical and chemical storage of hydrogen and other energy carriers; the operation of high-temperature electrolysis; renewable technologies and integrated thermochemical, photochemical and biochemical processes for energy conversion. Candidates must have a PhD in their field. The successful candidate is expected to develop an outstanding research program, and to teach at the undergraduate and graduate levels in mechanical engineering courses. **Interested candidates should send their CV, a brief statement describing their scholarly interests in research and teaching and contact information for five references to: Energy Search Committee, Massachusetts Institute of Technology, 77 Massachusetts Avenue, Room 3-173, Cambridge, MA 02139-4307.** MIT is an Equal Opportunity/Affirmative Action Employer. Women and underrepresented minorities are especially encouraged to apply.

FACULTY POSITIONS - UNIVERSITY AT BUFFALO (SUNY) CHEMICAL AND BIOLOGICAL ENGINEERING

The Department invites applications for tenure-track faculty positions at open rank. Candidates having research specializations in the areas of biochemical/biomedical engineering and/or molecularly engineered materials are of particular interest, but highly qualified applicants with expertise in any aspect of chemical or biological engineering will be considered. Additional details are available at: www.cbe.buffalo.edu. **For full consideration, a CV, a statement of research/teaching interests and names/addresses of 3 references should be submitted to: Faculty Search Committee, Dept. of Chem. and Biol. Engineering, University at Buffalo (SUNY), Buffalo, NY 14260-4200. Alternatively, complete application materials may be submitted electronically as pdf files to: cbe-fac-search@eng.buffalo.edu.** EO/AA.

INDUSTRIAL BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING, DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF WATERLOO

The Department of Chemical Engineering at the University of Waterloo invites applications for a tenure-track position at the level of Assistant, Associate, or Full Professor. Applications are invited from excellent candidates in the area of industrial biotechnology and biochemical engineering, with expertise in bioprocess or bioproduct design, development, or manufacturing. The successful applicant will be encouraged to participate and provide input to the Canadian Cell-Factory Bioprocessing Research Network. Candidates with relevant industrial experience are of particular interest. All applicants must demonstrate excellent research potential as well as strong undergraduate and graduate teaching interest and ability. The candidate should be (or eligible to be) a professional engineer licensed through Professional Engineers Ontario (PEO). **Applications consisting of a curriculum vitae, a clearly outlined research program, statement of teaching interests, names and full contact information for three referees should be sent to Professor T.A. Duever, Chair, Department of Chemical Engineering, University of Waterloo, Ontario, CANADA, N2L 3G1.** Applications will be received until the position is filled. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native peoples, and persons with disabilities.

OHIO UNIVERSITY, CHEMICAL ENGINEERING DEPARTMENT CHAIR

Applicants must hold a doctoral degree in chemical engineering, bioengineering or other closely related field and be eligible for appointment at the rank of associate or full professor. Demonstrated leadership in interdisciplinary activities and excellence in research and graduate and undergraduate teaching is essential. Review of applications will begin on January 15th, 2006 and continue until the position is filled. **Visit www.ohiouniversityjobs.com for a complete description of the position and application procedure.** Ohio University is an Equal Opportunity/ Affirmative Action Educational Institutional Employer.

LEADERSHIP AND INNOVATION IN CHEMICAL ENGINEERING AND APPLIED CHEMISTRY, UNIVERSITY OF TORONTO

The Department of Chemical Engineering and Applied Chemistry invites applications for a position in the tenure-stream at the rank of Assistant Professor. The successful candidate will show leadership and innovation in research and teaching. Applicants are expected to have a PhD or equivalent, demonstrated excellence in research and excellent teaching skills. The successful candidate will be expected to initiate and lead an independent research program of international caliber. The successful candidate will also be expected to teach at the undergraduate and post-graduate level. Collaborative and interdisciplinary research and collegial interaction will be important elements in success. Salary will be commensurate with qualifications and experience. **Applicants should send a curriculum vitae and a statement concerning research and teaching interests (three to five pages), and should arrange to have sent directly three letters of reference to: Douglas Reeve, Frank Dottori Professor of Pulp and Paper Engineering, Professor and Chair, Department of Chemical Engineering and Applied Chemistry, University of Toronto, 200 College St., Toronto, Ontario, Canada M5S 3E5. The search will continue until the position is filled. To ensure consideration, interested individuals should deliver their application before January 16, 2006.** Inquiries: chair@chem-eng.utoronto.ca. Information: www.chem-eng.utoronto.ca. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.