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POSITIONS AVAILABLE

IDAHO NATIONAL LABORATORY - CHEMICAL/PROCESS ENGINEER

Idaho National Laboratory is seeking qualified candidates to fill a staff research, development, and demonstration (RD&D) Chemical/Process Engineering position. The successful candidate will serve as both a principle investigator and co-investigator for multiple research projects within the field of spent nuclear fuel reprocessing. Specifically, the focus will be on developing pyrochemical technology via experimental and modeling-based activities. Strong skills in chemical engineering fundamentals such as heat and mass transport, reaction kinetics, and thermodynamics are highly desired. Applicants must be able to interface with program sponsors and author or co-author proposals to obtain programmatic funding. For consideration, applicants must have a bachelor's and 4 to 7 years experience or a master's and 2 to 5 years experience. A strong preference will be given to individuals with a PhD in Chemical Engineering or a closely related discipline. **To submit a resume for consideration, please visit our website at www.inl.gov/careers and apply for job reference #003024.** E-mail questions to Denis Asay at denis.asay@inl.gov.

ACADEMIC OPENINGS

CHEMICAL ENGINEERING DEPARTMENT CHAIR, VILLANOVA UNIVERSITY

Villanova University invites applications for Chairperson of the Department of Chemical Engineering. An earned doctorate in Chemical Engineering or a closely related field is required. Applicants should have credentials appropriate to appointment as full professor. The successful candidate must have leadership, organizational, communication and interpersonal skills, be committed to both scholarship and excellence in engineering education, and have a demonstrated ability to secure and perform funded research. The ideal candidate will be able to initiate and develop interactions with industry, government, granting agencies, and other professional fields and be committed to implement the departmental vision. Villanova is a Catholic university sponsored by the Augustinian order. An AA/EEO employer, Villanova seeks a diverse faculty committed to scholarship, service, and especially teaching, who understand, respect, and can contribute to the University's mission and values. The ChE Department offers BS and MS degrees and participates in a college-wide interdisciplinary engineering PhD degree program. **Send letter of application, curriculum vitae, statements of teaching and research interests, statement of suitability for the position, and the names of at least three references to Dr. Ronald Chadderton, Search Committee Chair, College of Engineering, Villanova University, 800 Lancaster Avenue, Villanova, PA 19085.** Review of applications begins February 1, 2007, and will continue until the position is filled.

ASSISTANT OR ASSOCIATE PROFESSOR OF ENERGY RESOURCES ENGINEERING

The Department of Energy Resources Engineering at Stanford University invites applications for a faculty appointment at the assistant or associate professor level. This is a tenure-track position. It is desired that the selected candidate be able to start by September 2007. For more information about the Energy Resources Engineering Department, see the Stanford ERE web page at <http://pangea.stanford.edu/ERE/>. The ideal candidate may have interest in research and teaching beyond traditional engineering disciplines. We encourage applications from candidates with expertise in fields such as chemistry and microbiology (particularly as they relate to subsurface flow and energy resource recovery), systems analysis, and flow through porous media. The Department of Energy Resources Engineering, formerly known as the Department of Petroleum Engineering, is part of the School of Earth Sciences at Stanford. The new department will focus on a broader range of activities related to the recovery of the Earth's energy resources (e.g.,

hydrocarbons, geothermal, and renewables). The department also has an active research program on carbon sequestration. Two streams of degrees and curricula are offered; one in petroleum engineering and a second broader option in energy resources engineering. We seek scholars with a PhD in a relevant field with novel and innovative research interests in energy resources, such as in one or more of the following topics: 1. In-situ upgrading of energy resources, including by biological or chemical means; 2. Energy systems optimization, for example integration of energy recovery and carbon sequestration; 3. Unconventional energy resources, such as deep gas or hydrates. **Please submit, by February 15, 2007, a curriculum vita with a complete list of publications, names of three references including e-mail addresses, a statement of research and teaching interests, and copies of papers published in refereed journals over the past three years to: Professor Roland Horne, Department of Energy Resources Engineering, Green Earth Sciences Building, Room 65, Stanford University, Stanford, CA 94305-2220, e-mail: horne@stanford.edu.** Stanford University has a strong institutional commitment to the principle of diversity. In that spirit, we particularly encourage applications from women, members of ethnic minorities, and individuals with disabilities.

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING AT RUTGERS UNIVERSITY

invites applications for a tenure-track faculty position at the Assistant, Associate or Full Professor level. The successful applicant's research interests will complement and strengthen our NSF Engineering Research Center on Structured Organic Particulate Systems and the Institute of Advanced Materials, Devices & Nanotechnology. Joint appointment with a complementary Department is possible. **Applicants should send a curriculum vitae, detailed description of research and teaching interests, and names of at least three references by February 15, 2007 to: cbesearch@sol.rutgers.edu, or Chair of the Search Committee, Department of Chemical and Biochemical Engineering, Rutgers The State University of New Jersey, 98 Brett Road, Piscataway, NJ 08854-8058.** Information about the department can be found at <http://sol.rutgers.edu>. Rutgers is an affirmative action, equal opportunity employer. Women and minority candidates are encouraged to apply.

TENURE-TRACK FACULTY POSITIONS, UNIVERSITY OF CONNECTICUT

The Chemical Engineering Program in conjunction with the Center for Environmental Sciences and Engineering at the University of Connecticut invite applications for two tenure-track faculty positions, one at the assistant/associate and one at the associate/full professor level. Successful candidates will have a PhD in chemical engineering or closely-related field, a strong commitment to excellence in research and teaching, and the ability to conduct research worthy of international recognition. These positions are in the broad area of environmental research, and can range from biological applications to air pollution and alternate energy to waste processing. Excellence in competitive research is the overriding requirement. The successful candidate is expected to participate with and support the activities of UConn's Center for Environmental Sciences and Engineering. Opportunities also exist for interacting with UConn's Biotechnology Center, Institute of Materials Science, Global Fuel Cell Center, and Booth Engineering Center for Advanced Technology. More information is available on our department website at: www.engr.uconn.edu/cmbe. UConn is located in scenic northeast Connecticut. We are ranked as the #1 public research university in New England. The atmosphere is electric as we are in the midst of a \$2.3 billion university-wide expansion of the research and teaching infrastructure. **Applicants should send vitae, statement of research and teaching, and names of at least four references to: Chemical Engineering Search Chair, Chemical Engineering Program, Unit 3222, University of Connecticut, 191 Auditorium Road, Storrs, CT 06269-3222.** The University of Connecticut is an affirmative action and equal opportunity employer.

FACULTY POSITION – UNIVERSITY AT BUFFALO (SUNY), CHEMICAL & BIOLOGICAL ENGINEERING

Applications for a tenure-track faculty position at the Assistant or Associate Professor rank are now being accepted. We are looking for candidates with research specialization at the interface of materials science & biological engineering. Areas of interest include bio-inspired materials, functional polymers, targeted drug delivery, molecular recognition, and micro- & nano-devices. This position is part of a university-wide initiative in the area of Integrated Nanostructured Systems. The Department enjoys close interactions with the School of Medicine & Biomedical Sciences, the College of Arts & Sciences, School of Pharmacy & Pharmaceutical Sciences and the newly founded New York State Center of Excellence in Bioinformatics & Life Sciences. A PhD degree in chemical engineering or a closely-related field is required. **For full consideration, a CV, statement of research/teaching interests, and names/ addresses of 3 references should be submitted to: Faculty Search Committee, Dept. of Chemical & Biological 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.**

CHEMICAL AND BIOLOGICAL ENGINEERING, KOC UNIVERSITY is inviting applications for visiting and full time faculty positions in all ranks. Candidates are expected to have a strong background in chemical engineering and a proven research record. All research areas will be considered, but preference will be given to energy, biological and molecular engineering. KOC University is a private, nonprofit institution in Istanbul and is committed to the pursuit of excellence in both teaching and research. The medium of instruction is in English. See www.ku.edu.tr for full details. **Applicants should send a CV, a statement of teaching interests, a description of the proposed research program, and the names and addresses of at least three references (preferably with an electronic copy) to: Prof. Irsadi Aksun, Dean, College of Engineering, KOC University, 34450 Rumelifeneri Yolu, Sariyer, Istanbul, Turkey, E-mail: iaksun@ku.edu.tr**

THE DEPARTMENT OF CHEMICAL & METALLURGICAL ENGINEERING AT THE UNIVERSITY OF NEVADA - RENO, the land grant University of the State of Nevada, invites applications for the position of Department Chair. The Department offers Undergraduate degrees in Chemical Engineering and Materials Science and Engineering, and M.S. and Ph.D. degrees in Chemical Engineering and Metallurgical Engineering. The Department has 10 faculty members, about 130 undergraduate and about 40 graduate students. Research awards, new and continued, for the period 1-1-06 to 9-30-06 amounted to \$12.2 million; additional awards, expected to start after 1-1-07 are ~ \$7.5 million. We seek a dynamic person who will help the Department increase the research activity in existing and emerging technologies in Chemical and Materials Science Engineering. Responsibilities: The chair is responsible for the academic quality, operational effectiveness, human resource development, and growth of the Department. Duties include overseeing all curriculum developments, especially those related to the undergraduate programs ensuring consistency with the ABET accreditation requirements; playing a key role in developing a strategic plan; handling the finances in a responsible manner; providing leadership for the development and implementation of new emphasis areas and/or programs; developing professional alliances both internal (University) and external (community, industry) for the benefit of students and faculty; creating an environment for promoting and increasing research activities. Qualifications: Candidates must hold an earned Ph. D. in Chemical or Materials Science Engineering or in a closely related Engineering field, have a proven record of excellence in scholarly activities (funded research, publications, etc.) and education, and possess strong leadership, management experience, and human relations skills. **Application deadline and procedures: Applicants must submit electronically a full CV, a statement of personal objectives for research and education. To apply, please visit www.unrsearch.com/applicants/Central?quickFind=51846. Review of the applications will begin on March 5, 2007 and continue until the position is filled.** Anticipated Starting date: July 1, 2007. EEO/AA.

UNIVERSITY OF CALIFORNIA, DAVIS, DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE, DEPARTMENT OF FOOD SCIENCE AND TECHNOLOGY, TENURE-TRACK POSITION - ASSISTANT PROFESSOR

The Departments of Chemical Engineering and Materials Science and Food Science and Technology invites applications from individuals with research expertise and commitment to the field of Biomolecular and Food Engineering as part of the UC Davis "Foods for Health" Initiative, a campus-wide initiative focusing on cross-disciplinary research on food production, nutrition and health. The successful candidate will demonstrate an ability to create, apply or analyze cutting-edge methods in nano- and micro- biosystems such as, but not limited to biosensor and micro-array technology. The successful applicant will be expected to develop an internationally recognized, independent, and funded research program which is consistent with the missions of the College of Engineering and the College of Agriculture and Environmental Sciences and its associated Agricultural Experiment Station. Applicants are expected to hold a Ph.D. in a relevant area, teach at the undergraduate and graduate levels, train and supervise students, and collaborate with established programs within the Departments and the University. **Applicants should submit a letter of application, curriculum vitae (including list of publications), description of research and teaching plans, and names and contact information of at least three references at <http://www.chms.ucdavis.edu/employment/>.** The position is open until filled; but to assure full consideration, online applications should be submitted no later than February 28, 2007, for a targeted start date of July 1, 2007. UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities and veterans.



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FACULTY POSITION SOUTHERN ILLINOIS UNIVERSITY EDWARDSVILLE

The Department of Mechanical and Industrial Engineering is seeking to fill a tenure-track position in Mechanical Engineering at the Assistant Professor level beginning August 2007. An Associate Professor level appointment may be considered for candidates with exceptional qualifications. The successful candidate must have the ability to teach undergraduate and graduate courses in Mechanical Engineering, conduct research, and participate in service activities. The candidate should have a doctoral degree in Mechanical Engineering or a related area, and research interest in thermal fluid areas. Interest/experience with alternative energy resources is a plus. The National Corn-to-Ethanol Research Center is located adjacent to SIUE. The department is particularly interested in candidates whose research interests would allow them to work collaboratively with this unique center. The large and beautiful SIUE campus is located about 20 miles from St. Louis, MO. The Engineering Building, completed in 2000, houses Mechanical Engineering laboratories with state-of-the-art equipment. Mechanical Engineering at SIUE confers B.S. and M.S. degrees. The faculty members are actively engaged in both fundamental and applied research. **Interested persons should send a curriculum vita with a list of**

Visiting Assistant Professor of Chemical Engineering

The Department of Chemical Engineering at Lafayette College invites applications for a visiting assistant professor position at an exclusively undergraduate program, beginning in July 2007. Candidates for the position will be considered from all areas of chemical engineering. The ability to teach a variety of undergraduate chemical engineering courses and laboratories is necessary. The teaching load for a visiting professor is six courses per academic year. Qualifications include potential for excellence in teaching and advising student research and design projects. Applicants must have a Ph.D. in chemical engineering or a closely related field. Ability to teach an introductory materials science course is desirable. Lafayette College is a small, private, undergraduate-only institution emphasizing superior education in engineering and the liberal arts and science. The College is located in eastern Pennsylvania, 70 miles from both New York City and Philadelphia. **Letter of application, including a resume or curriculum vita and the names and addresses of three references, should be sent to: Dr. Polly R. Piergiiovanni, Dept. of Chemical Engineering, Lafayette College, Easton, PA, 18042. Email: PiergioP@lafayette.edu.** Review of applications will begin February 1, 2007, and will continue until the position is filled.

Lafayette College is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

LAFAYETTE

A NATIONAL REPUTATION FOR ACADEMIC EXCELLENCE

at least three references to: Search Committee Chair, Department of Mechanical and Industrial Engineering, Southern Illinois University Edwardsville, Box 1805, Edwardsville, IL 62026-1805. The application should arrive by February 15 to receive full consideration. However, the review of the applications will continue until the position is filled. Southern Illinois University Edwardsville is an Affirmative Action/Equal Opportunity Employer. SIUE is a state university — the benefits under state sponsored plans will not be available to holders of F1 or J1 visas

TENURE-TRACK POSITION IN INFORMATION ENGINEERING, DEPARTMENT OF CHEMICAL ENGINEERING AND APPLIED CHEMISTRY, UNIVERSITY OF TORONTO

The Department of Chemical Engineering and Applied Chemistry at the University of Toronto invites applications for a position in the tenure-stream at the rank of Assistant Professor in the broadly defined area of Information Engineering, including but not limited to: data mining, analysis of complex systems, multi-scale modeling, deterministic and stochastic approaches to modeling, optimization, and computational methods. The successful candidate will show leadership and innovation in research and teaching. This outstanding opportunity was made possible by a group of large Canadian firms who are partners in our research on the application of mathematics, operations research, systems modeling to challenges faced by the financial services industry and provides a unique opportunity to work closely in university-industry cooperative research. Applicants are expected to have a Ph.D. or equivalent, demonstrated excellence in research and/or exceptional innovation in the commercial sector, and excellent teaching skills. The successful applicant will be expected to initiate and lead an independent research program of international caliber, and participate in inter-disciplinary research with finance and information technology peers. The successful applicant will also be expected to teach at the undergraduate and graduate level in our chemical engineering programs. Business experience and entrepreneurial activities are welcome qualities in a candidate. Salary will be commensurate with the applicant's qualifications and academic and/or industrial experience. **Applicants should send a curriculum vitae, a statement of their research plan and philosophy (three to five pages), and a statement of teaching interests and philosophy, and arrange to have three letters of reference sent directly to: Professor Douglas Reeve, Chair, Department of Chemical Engineering and Applied Chemistry, University of Toronto, 200 College Street, Toronto, Ontario, CANADA M5S 3E5.** The search will continue until the position is filled. To ensure consideration, complete applications should be received before [February 14, 2007]. Inquiries: chair@chem-eng.utoronto.ca. Information: www.chem-eng.utoronto.ca. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent resi-

dents 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.

UNIVERSITY OF UTAH PROFESSOR OR ASSOCIATE PROFESSOR

As part of the Utah Science, Technology and Research (USTAR) Initiative for economic development in the State of Utah in the area of fossil energy, The University of Utah seeks an outstanding senior individual for a tenured faculty position at the rank of Professor or Associate Professor who demonstrates expertise and extensive experience in the area of oil sands/oil shale research and development. The successful candidate will be expected to be a national leader in his/her area and bring a significant externally funded research program to the University of Utah and have a demonstrated record in leadership, publication and teaching excellence. Applicants must have an earned Ph.D. in chemical engineering, or a closely related field. Before hiring, the selected candidate must provide proof of U.S. citizenship or authorization to work in the U.S. **Interested persons should send a cover letter, vitae, detailed statement of research and teaching interests and at least three reference contacts to: Search Committee, Department of Chemical Engineering, University of Utah, 50 S Central Campus Dr. Rm 3290, Salt Lake City, UT 84112.** Applications will be accepted until the positions are filled. The position will be available as of July 1, 2007. Applicants should reference this announcement in their cover letters. The University of Utah, an Equal Opportunity, Affirmative Action Employer, encourages applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

NATIONAL UNIVERSITY OF SINGAPORE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING

The Department of Chemical & Biomolecular Engineering at National University of Singapore invites applications for tenure-track faculty positions at all levels. The Department is one of the largest internationally with excellent in-house infrastructure for experimental & computational research. A PhD in chemical engineering or related areas and a strong research record with excellent publications are required. Please refer to <http://www.chbe.nus.edu.sg/> for more information on the areas of interest and for application details. **Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and a list of names of at least three references to: Prof. Raj Rajagopalan, Head of Department (Attention: Ms. Nancy Chia, email: nancychia@nus.edu.sg).**

DEPARTMENT OF CHEMICAL ENGINEERING, UNIVERSITY OF SOUTH CAROLINA

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

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Classified advertisers receive a \$250/month discount off the normal \$400/month rate to post on CareerEngineer, AIChE's recruiting web site specifically for chemical industry professionals, if a print ad is run in the same month.
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TENURE-TRACK FACULTY POSITIONS, STEVENS INSTITUTE OF TECHNOLOGY

The Department of Chemical, Biomedical and Materials Engineering at the Stevens Institute of Technology announces tenure-track faculty positions opening on July 1, 2007. This department currently has 13 tenured/tenure-track and 2 full-time faculty members with research foci on chemical and biological microsystems, soft materials, tissue engineering, and photonic sensing. Annual research expenditure exceeds \$2.5M. Applicants should have a Ph.D. in Chemical Engineering, Biomedical Engineering or a related discipline. While all relevant areas will be considered, preference will be given to candidates with research interests and expertise in cell-material interactions, polymeric biomaterials, engineered cellular/bacterial microenvironments, biofilms, microbial-based bioprocessing, and biofuel processing. Successful applicants will be expected to develop strong extramurally funded research activities and show a clear commitment to both graduate and undergraduate training in a highly integrated and interdisciplinary environment. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience and vision for future achievement. Applications will be accepted until the positions are filled. **Applicants should submit a curriculum vita, a detailed research plan including both short-term and long-term professional goals, a description of teaching interests, and contact information for at least three references to: Chair of Faculty Search Committee c/o Ms. Nancy Webb, email: nwebb@stevens.edu, Department of Chemical, Biomedical, and Materials Engineering, Stevens Institute of Technology, 1 Castle Point Terrace, Hoboken, New Jersey 07030.**



AUS

American University of Sharjah

School of Engineering

FACULTY OPENINGS

Department of Chemical Engineering

ABET accredited program

The American University of Sharjah (AUS) Department of Chemical Engineering invites applications for full-time and visiting faculty positions in all areas. Preference will be given to (1) candidates having a significant background in water resources and (2) candidates with a PhD in Petroleum Engineering and an undergraduate degree in Chemical Engineering.

Located in the United Arab Emirates, AUS is licensed in the United States by the Department of Education of the State of Delaware. It is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools. The undergraduate programs in chemical, civil, electrical, mechanical and computer engineering and computer science are all fully accredited by ABET.

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