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POSITIONS AVAILABLE

LITHIUM BATTERY RESEARCH SCIENTIST -

Responsible for conducting research and development on new materials for rechargeable lithium ion batteries. Send resume to Valence Technology Inc., Attn: Human Resources, 301 Conestoga Way, Henderson, NV 89015.

THE HEMISPHERIC CENTER FOR ENVIRONMENTAL TECHNOLOGY

[www.hcet.fiu.edu], an applied research and technology development organization at Florida International University (FIU) in Miami, Florida has non-tenure research openings in Fossil Fuel Reforming, Biomass Processing, Fuel Cells, Surface Water Quality, Monitored Natural Attenuation, and Bioremediation. Positions are available at mid-career level (Ph.D. with 5-7 years experience and strong grant record) and postdoctoral level.

Email resume to Dr. Rajiv Srivastava at rajiv@hcet.fiu.edu. FIU is an EOE.

JOB TITLE: SENIOR RESEARCH SCIENTIST

Company Name: Abengoa Bioenergy R&D, Inc.

Location: Chesterfield, Missouri

Job Description: Abengoa Bioenergy, the largest ethanol producer in Europe and fifth largest in the U.S., is seeking a scientist to develop novel biomass ethanol conversion processes. Duties include: setting up and operating pilot plant equipment; conducting research to maximize ethanol yield and improving co-product value from grain and biomass. Evaluate new biocatalysts. Develop cost effective enzymatic hydrolysis, ethanol fermentation and co-product recovery processes.

Job Requirements: Minimum requirements: B.S. degree in microbiology or biology or biochemistry or biochemical engineering plus 10 years of research experience in the fermentation or biotechnology field (or MS or PhD degree plus 7 years of relevant research experience). Experience in enzyme application, fermentation, cell culture & process development. Proven ability to initiate, plan, conduct research, and document research results. Proficient in MS Office, statistical experimental design and data analysis. Excellent interpersonal skills.

Replies can be sent to:

Asif Malik

asif.malik@bioenergy.abengoa.com

JOB TITLE: SENIOR PROCESS ENGINEER

Company Name: Abengoa Bioenergy R&D, Inc.

Location: Chesterfield, MO

Job Description: Abengoa Bioenergy, the largest ethanol producer in Europe and fifth largest in the U.S., is seeking a Senior Process Engineer to develop novel biomass ethanol conversion processes. This position is located in Chesterfield, MO., and requires some travel to conduct and monitor research activities. Duties include: coordinating research activities to maximize ethanol yield and improving co-product value from grain and biomass; setting up and operating pilot plant equipment; process design and economic evaluation.

Job Requirements: Minimum requirements: B.S. or MS degree in chemical engineering or biochemical engineering plus 8+ years of experience (or PhD

degree plus 5+ years of experience) in process development in at least one of the following areas: pretreatment, enzymatic hydrolysis, and ethanol fermentation. Proven ability to initiate, plan, conduct research, and document research results. Experience in statistical experimental design, data analysis, process design and scaleup. Good knowledge of chemical process simulation software such as Aspen Plus is desirable. Excellent interpersonal skills.

Reply Contact:

Quang Nguyen

qnguyen@bioenergy.abengoa.com

ABB / ISYS

Industry analyst looking for feedback from individuals familiar with ABB and Invensys automation products. As a customer, a supplier or an employee of these companies you are willing to provide consulting services eg. ABB and Invensys prospects, strategies, their competitive positioning and their respective strengths and weaknesses and provide me with any additional insights that could help me make informed investment decision. Very attractive consulting fees.

Please send your details to dtran_europe@yahoo.co.uk

Computational Chemistry

Extraordinarily gifted computational chemists at all levels of experience sought to join a select research group within a rapidly growing New York-based technology firm whose ventures are known for scientific leadership in the development of computational chemistry software for the pharmaceutical and biotechnology industries. We are looking for individuals with an exceptionally distinguished history of academic and/or industrial accomplishment to join our efforts to fundamentally transform the process of drug discovery.

Candidates should have world-class credentials in computational chemistry, biology, or physics, or in a relevant area of computer science or applied mathematics, and must have unusually strong research and software engineering skills. Relevant areas of experience might include the computation of protein-ligand binding free energies, molecular dynamics and/or Monte Carlo simulations of biomolecular systems, application of statistical mechanics to biomolecular systems, free energy perturbation methods, and methods for speeding up evaluation of electrostatic energies—but specific knowledge of any of these areas is less critical than exceptional intellectual ability and a demonstrated track record of achievement. Current areas of activity for the firm include structure- and ligand-based drug design, protein structure determination through homology modeling, molecular mechanics force field development, *de novo* drug design algorithms, and the development of special-purpose hardware to accelerate computation.

We are eager to add both senior- and junior-level members to our world-class team (including at least one group head with management responsibilities), and are prepared to offer above-market compensation to candidates of truly exceptional ability. Please send your resume (including list of publications, thesis topic, and advisor, if applicable), along with a history of academic performance (including GPAs as well as SAT, GRE, and other standardized test scores), to compchem@deshaw.com.

The D. E. Shaw group is an equal-opportunity employer.

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STANFORD UNIVERSITY, SCHOOL OF ENGINEERING

The Managing Director functions as an executive and is the senior non-academic staff member for the Global Climate and Energy Project. The position has managerial responsibility for program development, administration, and success. The Managing Director assists the GCEP Directors in all aspects and activities of the program and takes independent responsibility for assigned areas. The Managing Director collaborates with faculty members and has significant subject knowledge; the incumbent can act for the faculty Directors as needed and commit the program to a new or changed course of action by virtue of authority delegated by the faculty Directors. Key responsibilities include: Manage and shape all aspects of program development and implementation of the Project. Collaborate with faculty on developing research program and research agenda and oversee implementation. Supervise definition and implementation of a publications program of substantial scope and complexity. Establish and maintain communications network among scholars, centers, universities, etc. Help formulate strategies and define goals for GCEP. Work with the Director and Deputy Director on long-term planning for GCEP. Develop policies and procedures for GCEP as they relate to academic or programmatic activities. Supervise technical staff working in the areas of portfolio development and systems analysis. Negotiate contracts with external institutions associating with GCEP. Build and maintain productive relationships with sponsors and collaborating institutions. Supervise preparation of periodic financial and technical reports and annual operating plans. Represent GCEP to external and internal audiences. Serve as one of the principal ambassadors of the project to industry partners.

QUALIFICATIONS - Education and experience equivalent to a PhD in a field related to energy. Demonstrated ability to develop and implement innovative programs and research agendas. Demonstrated experience in contract negotiation and administration, academic program development and management. Ability to provide strong leadership and to work effectively with faculty participating in research under GCEP. Demonstrated competence in research and writing with a good understanding of the type of research involved with GCEP. Significant experience in research administration.

Please reply to: Linda Faris
Stanford University
School of Engineering, Human Resources
380 Panama Mall, Rm. 251
Stanford, CA 94305-4027
E-mail: lfaris@stanford.edu
Fax: 650-723-3805

ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING

at the UNIVERSITY OF MISSOURI-ROLLA seeks applicants for a full-time tenured position at the endowed professorship level beginning in the fall of 2003. A doctorate in chemical engineering is required. For those with a doctorate degree in a related field, a bachelor's degree in chemical engineering is required. The applicant must have a strong research record. The successful applicant will be expected to teach various undergraduate courses as well as have a strong, externally funded research program in areas that can be related to the utilization of or processing of soybeans and other agricultural products. The thrust towards bioseparation and biomodification will be complimented by a unique opportunity to interact with some of the best plant geneticists and genetic engineers in the country. Applications will be accepted until the position is filled but interviews will begin in June, 2003. For further information, visit our web site at <http://web.UMR.edu/~chemeng/>. Please

send a complete resume, an outline of research plans, and names of three references to:

Human Resource Services (hrsinfo@umr.edu)

Reference Number: R53911

University of Missouri-Rolla 1202 North Bishop Avenue Rolla,

Mo 65409-1050

UMR is an Affirmative Action/Equal Opportunity Employer. Females, minorities and persons with disabilities are encouraged to apply.

UNIVERSITAT ROVIRA I VIRGILI, TARRAGONA (SPAIN).

The Department of Chemical Engineering is seeking applicants for two tenure-track faculty positions at the rank of Associated Professor. Applicants must be citizens of any member state of the European Union and must have a PhD or ScD. in Chemical Engineering, Chemical, Mechanical Engineering or closely related discipline. We seek outstanding candidates who possess the potential and commitment for excellence in undergraduate and graduate teaching and research in biotechnology or process control or transport phenomena or materials and polymers or molecular modelling or process systems engineering or heterogeneous catalysis. Applicants should send a curriculum vitae, copy of doctor's degree, the names and addresses of three referees, and a statement of research and teaching interest to: The Chair of The Search Committee, Dept. d'Enginyeria Química, Escola Tècnica Superior d'Enginyeria Química, Universitat Rovira i Virgili, Av. Països Catalans, 26, 43007 TARRAGONA, Spain

(phone 34-977559643;

Fax 34-977559621; (eq2@etseq.urv.es).

The final date for receipt of applications is September 1, 2003.

VON OHAIN FUELS AND COMBUSTION CENTER

Job Opportunities in Fuels and Combustion Research

The University of Dayton Research Institute is one of the leading not-for-profit R&D organizations in the nation providing basic and applied research for government and industry. We are currently seeking qualified candidates for full-time senior and junior -level Mechanical/Chemical/ Aerospace Research Engineers and Chemists in the newly-established Von Ohain Fuels and Combustion Center (VOFCC). Work will be performed on areas of interest to Air Force Research Laboratory, NASA, and industry.

Job opportunities exist in the following areas:

Jet fuel injector coking, spray characterization, and gaseous and particulate emissions.

Combustor fuel-air mixing and species concentration studies

Thermal management heat transfer and system integration.

Development of high-temperature jet fuels for supersonic and hypersonic flight regimes.

Senior Engineers/Chemists must have a Ph.D. with a minimum of 5 years of relevant experience in areas such as fuels science (coking and high-temperature fuels), combustion (spray dynamics, burners, gaseous and particulate emissions), or thermal management (heat exchangers, cooling, aircraft fuel systems control, system integration) or a closely related field. Junior Engineers/Chemists must have B.S. or M.S. degree with 5 years of relevant experience. Both experimental and/or computational expertise will be considered. Excellent communication skills and ability to collaborate effectively are essential to work with Air Force, NASA, and industry researchers. Selected candidates will also have the opportunity to teach and mentor graduate students. Review of applications will continue until all the positions are filled.

Applicants selected must be a U.S. citizen or Permanent Resident and be able to obtain a favorable National Agency Check. Please send your curriculum vitae and interest to:

UNIVERSITY OF DAYTON

RESEARCH INSTITUTE

Human Resources Office

Room 565 B

Dayton, Ohio 45469-0105

Or fax to: 937-229-3222

ATTN: Fuels Opening

The University of Dayton is strongly committed to increasing diversity. Women, minorities, individuals with disabilities, and Vietnam era and disabled veterans are encouraged to apply. The University is an equal opportunity/affirmative action employer.

BUCKNELL UNIVERSITY, VISITING POSITION

Bucknell University anticipates an opening for a one-year visiting assistant professor position in the department of chemical engineering beginning fall 2003. Primary responsibilities are classroom and laboratory instruction within the core chemical engineering curriculum at the undergraduate and master's levels. Please visit the Bucknell chemical engineering department on the web at: www.eg.bucknell.edu/cheq/ for full details.

TUNGHAI UNIVERSITY, TAICHUNG, TAIWAN.

The Department of Chemical Engineering is seeking an outstanding individual for a tenure-track faculty position at all levels beginning summer 2003. A Ph.D. in Chemical Engineering or closely related fields is required. Candidates should have a distinguished academic record, exceptional potential and commitment for excellence in undergraduate and graduate teaching and research in the following areas:

(1) Biochemical engineering, biotechnology or genetic engineering.

(2) Material science and engineering, bio-material, nano-material, optoelectronic material or related fields are preferred.

A complete application should consist of:

- (1) Curriculum vitae and bibliography
- (2) Undergraduate and graduate transcripts
- (3) Research and teaching plans
- (4) Three letters of recommendation
- (5) Copies of relevant publications.

Please submit all application materials by May 31st, 2003, to:

Faculty Search Committee, Department of Chemical Engineering, Tunghai University. No.181, Taichung Kang Road, Sec. 3, Taichung, Taiwan 40704, R.O.C. and;

Office of Personnel, Tunghai University. No.181, Taichung Kang Road, Sec. 3, Taichung, Taiwan 40704, R.O.C.

CATHOLIC UNIVERSITY OF AMERICA -

Vitreous State Laboratory, Development Engineer (Chemical), Washington, DC. Job Description: The successful candidate will participate in research, development, and operation of pilot processes and installations related to the vitrification of nuclear wastes. Primary involvement will be in process measurement and analysis of emissions control

systems. Responsibilities include: 1. experimental design, test methodology development and field implementation; 2. verification of quality and adequacy of experimental data being acquired; 3. analysis and reduction of experimental data to reportable form; 4. report writing and review. Experience/Education: M.Sc or Ph.D. in chemical engineering or related discipline with minimum of 3 years of post-M.Sc. or 1 year of post-doctoral job experience. Hands-on experience with multiphase flow and transport phenomena in chemical processes; experience in dynamic modeling; working knowledge and expertise in modern flow measurement techniques and signal processing would be beneficial. Strong technical writing skills and excellent written/ verbal communication and interpersonal skills are essential for this position. Candidates with industrial R&D experience are preferred. Contact Information: Ms. Carol Matlack, (202) 319-5549, carolm@vsl.cua.edu. EOE

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specializing in anti-lock
brakes at Honda R&D
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FACULTY POSITION IN BIOMEDICAL ENGINEERING

The College of Engineering and Information Technology at the University of South Carolina invites applications for faculty positions at all ranks for a new program in Biomedical Engineering. In particular, we are seeking faculty candidates with Biomedical Engineering research interests for the Departments of Chemical and Mechanical Engineering. Successful applicants are expected to establish an externally-funded high-quality research program and work closely with the Clinical Orthopedic faculty in the School of Medicine. They are also expected to develop courses for a new graduate degree program in Biomedical Engineering and supervise research projects by orthopedic residents. An existing endowment will support all research interactions with the Department of Orthopedics.

Applicants should send curriculum vitae, a statement of research and teaching plans, and names of three references to:

Biomedical Engineering Search Committee,
c/o Professor William Ranson,
College of Engineering and Information Technology,
University of South Carolina,
Columbia, SC 29208,

or e-mail their packages to: ranson@enr.sc.edu.

The University of South Carolina is an affirmative action, equal opportunity employer.

THE UNIVERSITY OF WESTERN ONTARIO, A TENURE TRACK POSITION AT ASSISTANT PROFESSOR LEVEL, DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING. LONDON ONTARIO

Applications are invited for a tenure-track (probationary) position at the Assistant Professor level in the Department of Chemical and Biochemical Engineering. Chemical and Biochemical Engineering at Western has strong research interests in Chemical Reaction Engineering, Fluidization, Polymerization, Biochemical Engineering, Environmental Engineering, Biomaterials Engineering, Industrial Crystallization and Process Control. The successful candidate should have a PhD in chemical engineering or a related discipline with a background in reaction engineering and/or synthesis and handling of pharmaceuticals. Strong candidates in related areas will also be considered. Industrial experience is very desirable. Applicants should have a distinguished research record, excellent communication and teaching skills, and be eligible for registration as a professional engineer in Ontario. Past research and/or teaching experience will be an important consideration in the selection of the successful candidate.

The new faculty member is expected to establish an independent research program, as well as seek collaborative opportunities within and across Departments. The individual will also be expected to teach undergraduate and graduate engineering courses, and supervise graduate students.

Interested applicants should forward their curriculum vitae, a statement on their research and teaching vision, and the names of three referees to:

Prof. S. Rohani, Chair
Department of Chemical and Biochemical Engineering
Faculty of Engineering
The University of Western Ontario
London, Ontario, N6A 5B9

The deadline for the receipt of the application is May 31, 2003 or until the position is filled for an appointment as of July 1, 2003 (or as soon as possible thereafter).

This position is subject to budget approval. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

GEORGIA INSTITUTE OF TECHNOLOGY

Nominations and applications are sought for the Gossage Chair in Chemical Engineering. Candidates should be interested in both undergraduate and graduate education and have research interests and significant accomplishments. Candidates from academia, industry or national labs are encouraged to apply. Information about the School of Chemical Engineering and links to other activities at Georgia Tech can be located at the website: www.che.gatech.edu. Search committee review of credentials will begin immediately, but nominations and applications will be accepted for consideration until the position is filled.

A resume, names and addresses of references, and a statement of research interests should be submitted to Ronald W. Rousseau, Professor and Chair, School of Chemical 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.

LEHIGH UNIVERSITY

The Department of Chemical Engineering at Lehigh University seeks applications for two open positions at the level of Assistant Professor of Chemical Engineering with a preferred starting date of August 2003. All areas are open; however, we are particularly interested in candidates with research interests in biotechnology, materials, polymers, interfaces and nanotechnology. The campus has strong interdisciplinary and interdepartmental groups in all of these areas. The successful candidate will be expected to develop a strong research program and to engage in enthusiastic teaching of undergraduate and graduate students in chemical engineering. Candidates should send a curriculum vitae, including a graduate transcript, a detailed statement of research and teaching plans, and the names and addresses of four (4) references to:

Professor Anthony J. McHugh
Chair of Search Committee
Department of Chemical Engineering
Lehigh University
111 Research Drive
Bethlehem, PA 18015

Search committee review of credentials will begin immediately; however, applications will be accepted for consideration until the position is filled. For more information on our department consult our home page at:

<http://www3.lehigh.edu/engineering/cheme>

Lehigh University is an Affirmative Action/Equal Opportunity Employer. Women and members of minority groups are encouraged to apply.

UNIVERSITY OF CONNECTICUT, DEPARTMENT OF CHEMICAL ENGINEERING. CONNECTICUT GLOBAL FUEL CELL CENTER

Endowed Chair in PEM Fuel Cell Technology

The Connecticut Global Fuel Cell Center at the School of Engineering, University of Connecticut invites applications and nominations for an Endowed Chair Professor position. The faculty member will conduct visionary research in the general area of Proton Exchange Membrane fuel cell technology.

The Center (www.ctfuelcell.uconn.edu) was recently established and is housed in a new, 16,000 sq. ft. facility located at the Storrs campus. The mission of the Center is to become the world's premier academic resource for research and development in fuel cell technologies. Applicants must have a Ph.D., as well as a distinguished record of research relevant to PEM fuel cell technology. Academic appointment will be at the rank of full professor in the Department of Chemical Engineering (www.engr.uconn.edu/cheg/).

A primary component of the Center's structure is the establishment of 6 endowed chair positions; each affiliated with a \$1 million endowment (\$6

million total). The Chaired Professors will have discretionary authority to expend the proceeds of the endowment to advance the research, educational, and outreach activities in the field. The first two Chair Professor positions have been filled by individuals recently recruited to Connecticut.

The School of Engineering includes 110 faculty members, 1,300 undergraduate and 400 graduate students. Since 1999, 17 new endowed faculty positions have been established within the School. For more information, please visit www.engr.uconn.edu. The University is located in scenic Northeast Connecticut, an area that is rich with private sector fuel cell related research and development activity. The University is consistently ranked as the top public university in New England, is one of the former Research I universities, and is in the midst of a multi-year, state-funded \$2.3 billion initiative to expand the research and teaching infrastructure.

Applications, including a curriculum vitae along with the contact information of at least five references should be sent to: Prof. Theodore Bergman, Department of Mechanical Engineering, 191 Auditorium Road, Unit 3139, University of Connecticut, Storrs, CT 06269-3139. Review of applications will begin immediately, and will continue until the position is filled. Direct inquiries to: tberg@engr.uconn.edu. The University of Connecticut encourages under-represented groups to apply for this position.

NEW JERSEY INSTITUTE OF TECHNOLOGY ASSISTANT/ASSOCIATE PROFESSOR - CHEMICAL ENGINEERING

The Otto H. York Department of Chemical Engineering at New Jersey Institute of Technology (NJIT) invites applications and/or nominations for a tenure-track faculty position at open rank. A doctorate in chemical engineering or closely related field required. The ideal candidate will have research interests & expertise in areas related to pharmaceutical engineering applications (e.g., crystallization, separations, nanotechnology, powder processing, drug delivery systems, formulation, novel catalysis & microreactors). The successful candidate is expected to develop a vigorous & externally funded research program & teach chemical & pharmaceutical engineering courses at both undergraduate & graduate levels. Rank will be commensurate with experience & prior track record. The university reserves the right to substitute equivalent education and/or experience at its discretion. Applicants should submit a copy of their curriculum vitae, a statement of research plans & teaching philosophy & names of 4 references to: New Jersey Institute of Technology, attn: Personnel Box AAP-CE, University Heights, Newark, NJ 07102-1982. Applications will be accepted until a suitable candidate is found. Women & minority candidates are encouraged to apply. NJIT is an equal opportunity/affirmative action employer.



UNIVERSITY OF
CALGARY

Head, Department of Chemical and Petroleum Engineering

The **Faculty of Engineering** invites applications for the position of Head of the Department of Chemical and Petroleum Engineering (<http://www.eng.ucalgary.ca/chemical/>) with a full-time, tenured appointment up to the full Professor level. The successful candidate will have a PhD degree in a related discipline and be eligible to be registered as a professional engineer in the Province of Alberta. The candidate will have achieved excellence in academia or in industry, developed strong leadership skills, and suitable experience for appointment as a faculty member.

The Department runs vibrant teaching and research programs and offers undergraduate degrees in Chemical and Oil & Gas Engineering, as well as Master's, PhD degrees and international programs in many areas within these disciplines. The Department has a total enrolment of over 200 undergraduate students and more than 160 full- and part-time graduate students. The new Department Head will have a vision to lead the Department to further enhance its current strengths and promote development of important research areas and programs. He or she must be fully committed to both the Oil and Gas and Chemical Engineering programs.

Calgary is the Canadian centre for the oil and gas industry. The selected candidate will be expected to interact with industry on a regular and sustained basis on academic, research and fundraising activities.

The Department Head will be a leader of the University of Calgary initiative to establish the National Institutes for Sustainable Energy, Environment and Economy. Further, he/she will be expected to lead a key department at the University of Calgary which has major responsibilities within the multidisciplinary area of Energy and Environment identified in the University of Calgary Academic Plan (<http://www.ucalgary.ca/unicomm/raising/>). The recently established \$30M Calgary Centre for Innovative Technology (CCIT) in the Faculty of Engineering has Natural Resources as one of four key multidisciplinary areas of research. The Head of the Department of Chemical and Petroleum Engineering is expected to play a leading role in the CCIT.

The Province of Alberta has recently established The Alberta Ingenuity Fund with a \$500M endowment for research in engineering and science. Further funds are available for research in energy-related areas through the Alberta Energy Research Institute (AERI). Alberta offers excellent computing facilities that include the MACI project (<http://www.maci.ca/>) and one of Canada's leading high-speed research networks, NeteraNet (<http://www.netera.ca/>).

Calgary is Canada's engineering centre, second largest head-office city, and enjoys a vibrant economy based on energy, high-tech and tourism industries. Alberta has the most favourable taxation environment in Canada. This business environment provides a variety of opportunities for scholars. The University of Calgary is located on a modern campus in an attractive residential area, just minutes from downtown. Calgary has a population approaching 1 million, is situated in the foothills of the Canadian Rocky Mountains, and offers excellent recreational opportunities year-round.

Applicants from industry and academia are encouraged to apply as soon as possible, but applications will be accepted until **June 1, 2003**. The appointment as a Head is for a five-year period commencing no later than January 1, 2004, renewable for an additional term of three years. Applications, including a curriculum vitae and the names and addresses (plus e-mail, telephone and FAX numbers) of five confidential referees from industry and academia, should be sent to: **Dr. S. C. Wirasinghe**, Dean, Faculty of Engineering, University of Calgary, 2500 University Drive, N.W., Calgary, AB T2N 1N4.

Applications are encouraged from international candidates as well as Canadian citizens and permanent residents of Canada, however Canadians and permanent residents will be given priority.

The University of Calgary respects, appreciates and encourages diversity.

UNIVERSITY OF NOTRE DAME, CHEMICAL ENGINEERING FACULTY OPENINGS

The Department of Chemical Engineering at the University of Notre Dame is pleased to announce openings for tenured or tenure track faculty at any rank. A Ph.D. or equivalent degree is required. Applicants should show potential for development of an outstanding research program and possess a strong commitment to graduate and undergraduate education.

The chemical engineering faculty at Notre Dame collaborates extensively both inside and outside the department and thus applicants should expect to benefit from and contribute to these activities that include the Center for Molecularly Engineered

Materials, Center for Environmental Science and Technology and the Center for Transgene Research. Bioengineering or advanced materials are fields of particular interest, but outstanding candidates in other areas will be given full consideration.

Applicants should send their curriculum vitae, statement of teaching and research interests and the names and complete addresses of at least four references to: Professor Mark J. McCreedy, Department of Chemical Engineering, 182 Fitzpatrick Hall, University of Notre Dame, Notre Dame, Indiana 46556-5637.

Notre Dame is an equal opportunity/affirmative action employer.

BROWN UNIVERSITY, PROVIDENCE, RHODE ISLAND

DIVISION OF ENGINEERING FLUID MECHANICS, THERMAL AND CHEMICAL PROCESSES

The Division of Engineering at Brown University is opening a tenure-track faculty position in the Fluids, Thermal and Chemical Processes (FTCP) group. Candidates with expertise in all areas of Fluid Dynamics, Thermal Sciences and Chemical Processes will be considered, with emphasis on those with interests in: (i) micro- and nano-scale mechanics and processes (ii) biological fluid mechanics and biotechnology; (iii) polymers, soft matter and complex fluids; (iv) interfacial and multiphase processes and (v) flow control. Participation in the Chemical Engineering and/or the Mechanical Engineering undergraduate program is essential, although the Division of Engineering is a highly integrated multidisciplinary faculty and interactions that span traditional engineering and science boundaries are common. Faculty at Brown are expected to conduct fundamental research in their field of expertise, teach undergraduate and graduate courses, and serve as mentors and advisors to both graduate and undergraduate students and student projects.

Candidates should send a paper copy of their complete CV and a list of between three and five references (including telephone and email information where possible) to:

Chair, FTCP Search Committee

Brown University

Division of Engineering, Box D

182 Hope Street

Providence, RI 02912

Review of applications will begin immediately, and will continue until the position is filled or closed.

Brown University is an equal opportunity/affirmative action employer. Minorities and women are encouraged to apply.

THE DEPARTMENT OF CHEMICAL ENGINEERING AT VANDERBILT UNIVERSITY

invites applications for a tenure-track faculty position at the Assistant Professor level for Fall 2003. A Ph.D. with a distinguished academic record is required. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded, scholarly research program. Outstanding candidates for higher ranks can be considered.

The Department has three research focus areas: bioengineering, materials,

and environmental engineering. We seek candidates who can contribute fundamentally and broadly, through experiments and/or computations, to one or more of these focus areas. Interdisciplinary research opportunities exist with researchers in other departments in the School of Engineering, the natural sciences, and medicine. Department faculty participate in University-supported interdisciplinary research initiatives such as the Vanderbilt Institute for Integrative Bioengineering Research and Education (VIIBRE) and the Vanderbilt Institute for Nanoscale Science and Engineering (VINSE).

Vanderbilt University, a national arboretum, is located on 330 park-like acres one and one-half miles from downtown Nashville. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Faculty share a commitment to excellence in teaching at all levels.

Interested persons should send their curriculum vitae, a statement of research and teaching interests, and names and addresses of three or more references to:

Prof. M. Douglas LeVan, Chair, Department of Chemical Engineering, Vanderbilt University, VU Station B 351604, Nashville, TN 37235. Women and minorities are strongly encouraged to apply.

Vanderbilt University is an Affirmative Action/Equal Opportunity employer.

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