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ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

invites applications and nominations for a tenure-track faculty position at the Assistant Professor level for Fall 2011. Exceptional candidates are encouraged to apply and will be considered for appointment at the Associate or Full Professor rank. Candidates are expected to contribute to one of two experimental research thrust areas in the department: (1) Biomolecular Engineering (synthetic systems biology, immunology, and cellular and protein engineering are of special interest) and (2) Energy and Materials, broadly defined, including all aspects of energy conversion (solar, fuel cells), energy storage (batteries, supercapacitors), and energy efficiency; nanomaterials approaches to energy solutions

are of particular interest. A Ph.D. with a distinguished academic record in engineering or applied science is required. Responsibilities include teaching undergraduate and graduate courses and establishing an externally funded and internationally recognized scholarly research program. Ranked in the top 20 nationally, Vanderbilt University is located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee. The University has ten schools, which provide a full range of undergraduate, graduate, and professional programs. Interdisciplinary research opportunities exist with faculty in many other departments within the School of Engineering, the College of Arts and Science, and the School of Medicine. **Interested individuals should send the following application materials to the Search Committee Chair (chbeseach@vanderbilt.edu) in one electronic file (PDF or WORD format): curriculum vitae, a statement of research and teaching interests, and the names and addresses of at least three references. Screening of applications will begin September 15, 2010. Applications will not be accepted after December 1, 2010. Women and minorities are strongly encouraged to apply. Vanderbilt University is an Affirmative Action/Equal Opportunity employer.**

THE UNIVERSITY OF HONG KONG
香港大學

Founded in 1911, The University of Hong Kong is committed to the highest international standards of excellence in teaching and research, and has been at the international forefront of academic scholarship for many years. Ranked 24th among the top 200 universities in the world by the UK's *Times Higher Education*, the University has a comprehensive range of study programmes and research disciplines spread across 10 faculties and about 100 sub-divisions of studies and learning. There are over 23,400 undergraduate and postgraduate students coming from 50 countries, and more than 1,200 members of academic and academic-related staff, many of whom are internationally renowned.

**Temporary Assistant Professor
in the Department of Chemistry
(Ref.: 20100398)**

Applications are invited for appointment as Assistant Professor in the Department of Chemistry, from October 1, 2010 or before December 2010, for a period of 9 months.

Applicants should possess a Ph.D. degree in Chemistry or Chemical Engineering. The appointee is expected to offer high-quality undergraduate teaching in interfacial sciences, mass balance, and energy balance. He/She will work closely with Professor K.Y. Chan who has research interest in materials for electrochemical and energy applications. The appointee's duties will also include conducting research activities in Professor Chan's group.

Annual salary for Assistant Professorship will be in the range of HK\$477,360 – 737,700 (subject to review from time to time at the entire discretion of the University). Annual leave, and medical/dental benefits will be provided. At current rates, salaries tax does not exceed 15% of gross income.

Further particulars and application forms (152/708) can be obtained at <http://www.hku.hk/apptunit/>; or from the Appointments Unit (Senior), Human Resource Section, Registry, The University of Hong Kong, Hong Kong (fax: (852) 2540 6735 or 2559 2058; e-mail: senrappt@hku.hk). **Review of applications will start from August 16, 2010 and will continue until the post is filled.** Candidates who are not contacted within 3 months from the date of their applications may consider their applications unsuccessful.

The University is an equal opportunity employer and is committed to a No-Smoking Policy

Visit AIChE'S CareerEngineer Job Board <http://careerengineer.aidhe.org> For Additional Employment Opportunities

Employers specifically seek AIChE members due to their commitment to professional excellence. Your AIChE Membership gives you the job-seeking advantage. Some of the many positions you'll see on AIChE's targeted chemical industry job board include:

- Optimization Engineer – Flint Hills Resources
- Supervisor, API Pilot Plant Kilo Labs – Abbott
- Process Safety Management Engineer – King Industries, Inc.
- Process Engineer – Brewer Science
- Sr. Engineer, Industrial/Chemical Engineering – National Fire Protection Association
- Engineer 4 or 5 – Syngenta
- Engineer 1 – Southern California Gas Company
- Process Engineer – Husky Lima Refining Company
- Director of Research & Business Development – JSH International LLC
- Product Development Specialist – Milk Specialties Global

While on the site, be sure to upload your resume FREE for employers to view and contact you. AIChE member resumes are placed at the top of the list for employers to view first.

The Michael Smith Laboratories and the Centre for High-Throughput Biology

SIX FACULTY POSITIONS

THE UNIVERSITY OF BRITISH COLUMBIA, VANCOUVER, BC

The Michael Smith Laboratories (MSL) and the Centre for High-throughput Biology (CHiBi) at the University of British Columbia are jointly launching a major recruiting initiative and invite applications for **six** new faculty positions. These full-time tenure-track positions will be filled primarily at the Assistant Professor level but exceptional candidates at a higher rank may be considered. The six new faculty will be located in exceptional research space at the centre of campus within a highly interdisciplinary and collaborative environment that includes biological and physical scientists and engineers, as well as proteomics and bioinformatics experts.

METABOLIC ENGINEERING AND SYNTHETIC BIOLOGY (COMP# 7789 – 2 POSITIONS)

All facets of metabolic engineering and synthetic biology, from technology development and computational approaches to innovative applications, will be considered. Applicants with an interest in bioenergy and biorefining are particularly encouraged to apply.

CHEMICAL, MOLECULAR AND SYSTEMS BIOLOGY, AND BIOENGINEERING (COMP# 7790 – 2 POSITIONS)

Approaches using molecular genetics, chemical, computational or molecular biology or bioengineering to probe animals, plants and unicellular organisms, and models of disease therein, will be considered.

COMPUTATIONAL TOOLS AND TECHNOLOGY DEVELOPMENT (COMP# 7795 – 2 POSITIONS)

The development of innovative technologies, devices, computational approaches or chemical and biophysical techniques is welcomed, with particular emphasis on genome-wide and high-throughput approaches.

Successful applicants for these positions must have a Ph.D., will have demonstrated outstanding research strength and creativity, have several years of productive experience, will be expected to contribute to high quality undergraduate/graduate teaching and to effectively supervise graduate students, and be prepared to integrate their expertise with innovative researchers at the University. Academic appointments could be within or between departments in the Faculties of Applied Science, Forestry, Medicine and/or Science, evidence of teaching effectiveness would be an asset.

The Michael Smith Laboratories and the Centre for High-throughput Biology comprise a diverse group of 22 research and teaching faculty and over 150 graduate students, post-doctoral fellows and research associates. Research strengths include medical and animal molecular genetics/biology, plant and forest molecular genetics/biology, bioprocess engineering, chemical biology, proteomics, micro-fluidics, bioinformatics and statistical genomics. Importantly the group is also providing leadership for the Bio-energy and Refining Innovation (BERI) network as part of a university-wide initiative in sustainability. Applicants are strongly encouraged to visit www.michaelsmith.ubc.ca/ and www.chibi.ubc.ca/ to learn more about the unique technological and research opportunities available to new faculty members. Substantial start-up funds and exceptional mentoring will be provided.

UBC with over 12,000 faculty and staff plus 8,000 graduate students, has deep research strength across the Applied Sciences, the Life Sciences, the Physical Sciences and Computation, and has formal associations with research hospitals, the British Columbia Cancer Agency, Genome British Columbia, the Genome Sciences Centre, the Centre for Drug Research and Development and the Institute for Systems Biology in Seattle. Researchers thus enjoy numerous opportunities for stimulating and productive collaborations. Opportunities exist to attract substantial research funding from government (e.g. Canadian Institutes for Health Research, Natural Sciences and Engineering Research Council of Canada, Canadian Foundation for Innovation), foundations (e.g. Michael Smith Foundation, Genome Canada) and industry.

Applications are being accepted on-line at www.hr.ubc.ca/careers/faculty_postings.html and should include a letter of application indicating the appropriate competition number, a detailed curriculum vitae, a list of publications, a statement of research and teaching interests, and the name, address, e-mail address and phone number of at least three references. All positions are subject to final budgetary approval. The closing date for all applications is **September 14, 2010**.



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply; however, Canadians and permanent residents of Canada will be given priority.

CHEMICAL/BIOLOGICAL ENGINEERING FACULTY POSITION COLORADO STATE UNIVERSITY

The Department of Chemical and Biological Engineering at Colorado State University seeks applications and nominations for a tenure-track chemical/biological engineering faculty position at the assistant professor level. Successful candidates will develop well-funded research programs and actively participate in education and scholarship activities. This position is specifically targeted to candidates who would focus their research in the area of bioenergy. Applicants with interests and expertise in synthetic biology, including protein and metabolic engineering, are particularly encouraged. Applications from candidates with the ability to advance the Department's commitment to diversity and multiculturalism through research, teaching and outreach with relevant programs, goals and activities are particularly encouraged. A Ph.D. or equivalent in chemical or biological engineering, or related field, is required by January 2011. **Important information regarding the application process and required application materials may be found at <https://www.engr.colostate.edu/cheme/search/> Electronic submission of application materials at this web site is required.** Review of applications will begin September 15, 2010 and continue until the position is filled. The anticipated start date is July 2011. CSU is an EO/AA employer. Colorado State University conducts background checks on all final candidates.

DIRECTOR CENTER FOR BIOMEDICAL ENGINEERING (CBME) AND PROFESSOR OF CHEMICAL & NUCLEAR ENGINEERING (CHNE)

The University of New Mexico (UNM) Department of Chemical & Nuclear Engineering invites nominations and applications for the position of CBME Director and ChNE Professor. We seek a candidate who will provide strategic vision and leadership for CBME while establishing a strong, independently-funded research program. Candidates for the position of CBME director must have a PhD in chemical engineering or a closely related field, and demonstrated experience as PI or co-PI in directing large multi-investigator research programs. We are especially interested in candidates who have a distinguished record of teaching and research in one or more areas of biomedical engineering, and whose research will be complementary to the existing research strengths of the CBME. The successful candidate should also have excellent communication and interpersonal skills, and a demonstrated commitment to fostering diversity and equal opportunity. A complete application consists of a letter which expresses interest in and addresses the applicant's qualifications for the position; current CV; statement of teaching and research interests; and names and contact information of 3 professional references. Please note that reference contact information is required; however, references will only be contacted after express permission by e-mail from the applicant is obtained. UNM's confidentiality policy (Policy #3210) is located at:

<http://www.unm.edu/~ubppm>. The full position description is available at <http://soe.unm.edu/welcome/positions.html>. The University of New Mexico is an Equal Opportunity/Affirmative Action Employer/Educator. Women and minorities are encouraged to apply. **Applications should be submitted online through UNMJobs.unm.edu, reference Posting #0805318, or directly at <https://unmjobs.unm.edu/applicants/Central?quickFind=56722>.**

STAY TUNED & PLAN TO PARTICIPATE AICHE FALL ONLINE CAREER FAIR OCTOBER 2010

Whether you're an active jobseeker or willing to consider a better opportunity if the right one presents itself, AIChE is the best source for targeted jobs that fit your career goals and qualifications. Connect with leading Chemical Process Industry Employers with opportunities ranging from entry-level positions requiring a BS degree to experienced PhD openings.

- * Search Jobs
- * Review Company Profiles
- * Build or Upload Your Resume
- * Participate in a Career Session to Polish Your Job Hunting Skills and Prepare for the Career Fair.

Plan to participate to be on your way to landing your dream job. Stay tuned to the Career Resource Section of the AIChE website, www.aiche.org.



The University of Florida -- College of Engineering has openings for faculty working on multidisciplinary problems in Computational Science and Engineering. As part of a broad effort to hire 20 new tenure-track or tenured faculty across all ranks within the College, we seek candidates with expertise in Computational Science and Engineering, with an emphasis on:

- Predictive aspects of simulation, including uncertainty and risk determination,
- Large and exascale computing,
- Bridging computational life sciences and engineering

A doctoral degree in engineering, physics, chemistry, computer science or related field is required. The college of engineering has eleven departments, and will work with you to identify the best home department for your background and interests.

Please go to: <http://www.eng.ufl.edu> for more information. A link to our electronic application can be found at this site -- look for "Strategic Plans Apply Now."

The University of Florida is an equal employment opportunity employer. Women, minorities and individuals with disabilities, and veterans are encouraged to apply. The "government in the sunshine" laws of Florida apply to all applicants.

Visiting Assistant Professor

Dept. of Chemical
& Biomolecular
Engineering



The Department of Chemical and Biomolecular Engineering at Lafayette College in Easton, PA invites applications for a visiting faculty position at the level of Visiting Assistant Professor. Candidates will be considered from all areas of expertise within chemical engineering or closely related disciplines. Must be able to teach a variety of undergraduate courses and laboratories, demonstrate potential for excellence in teaching and student centered instruction, and have a Ph.D. in chemical engineering or closely related field.

Lafayette College is a small, private, undergraduate-only institution emphasizing superior education in engineering and the liberal arts. The College is located in eastern Pennsylvania, 70 miles from both New York City and Philadelphia.

Review of applications will begin in October 2010. A letter of application and a curriculum vita should be sent via email to: ChBEsearch@lafayette.edu

For more information about Lafayette
College, please visit www.lafayette.edu

LAFAYETTE

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

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