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## ACADEMIC OPENINGS

### JACOBS CHAIR IN CHEMICAL ENGINEERING POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY

The Chemical and Biomolecular Engineering Department of the Polytechnic Institute of NYU invites applications and nominations for the Joseph J. and Violet J. Jacobs Chair in Chemical Engineering. The Jacobs Professor will have earned an international reputation for excellence in research, preferably in an area related to smart systems or materials with biological applications. The ideal candidate will have a record of leadership in building inter- or multi-disciplinary research teams, a strong publication record, proven success in obtaining external research funding, and strong interest and experience in invention, innovation and entrepreneurship. The Jacobs Professor will actively participate in institutional and departmental strategic programs and planning, and in modern chemical engineering education. **Applications should consist of a summary of accomplishments, a detailed CV, a statement of research and teaching interests, and names and addresses of three references. Send applications by e-mail to [JacobsChair@poly.edu](mailto:JacobsChair@poly.edu).** Review of applications begins July 1, 2012, and will continue until the position is filled. NYU and NYU-Poly are Equal Opportunity / Affirmative Action Employers. All candidates are encouraged to apply.

### THE UNIVERSITY OF BRITISH COLUMBIA DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING MERCER INTERNATIONAL INDUSTRIAL RESEARCH CHAIR IN ADVANCED ENGINEERING FOR THE FOREST-PRODUCTS BASED BIO-ECONOMY.

The Department of Chemical and Biological Engineering and the Pulp and Paper Centre at the University of British Columbia invite applications for the new Mercer International Industrial Research Chair in Advanced Engineering for the emerging forest-biomass based bio-economy. The Chair is expected to provide leadership within the university and Canada through a field-defining program focused on establishing the technological breakthroughs and educational advances needed to improve or create commercially viable opportunities for sustainably converting Canada's forest-fibre resource into traditional and new value-added products. Through internationally recognized research and an appointment at the rank of Associate or Full Professor, the chair is therefore expected to expand upon UBC's considerable expertise in pulp and paper science and technology, including lignocellulose biorefining engineering related to the forest-based chemical industry and green engineering of processes and products. Applicants must have a Ph.D. in Chemical Engineering or in a closely related field, and have a strong commitment to high-quality undergraduate and graduate teaching. Relevant industrial and teaching experience are assets. Applicants must also either have, or be eligible to register within five years with the Association of Professional Engineers and Geoscientists of British Columbia. The successful candidate

must possess the skills, background and motivation needed to quickly build an independent research program of international calibre within the area defined above that leverages current strengths within the Department of Chemical and Biological Engineering and the Pulp and Paper Centre, as well as within complementary and affiliated interdisciplinary centres such as the Clean Energy Research Centre and the Michael Smith Laboratories. Review of applications will begin on August 21, 2012 and continue until the position is filled. **Applications, including a curriculum vitae, a short statement of teaching and research interests, and the name and contact information of four qualified referees must be submitted online at <http://www.hr.ubc.ca/careers-postings/faculty.php> by August 20, 2012.** The successful candidate will be nominated for a Natural Sciences and Engineering Research Council of Canada (NSERC) Industrial Research Chair (IRC). An application will be submitted to the IRC program of NSERC in the Fall of 2012. The anticipated start date of the position is January 1, 2013. The Department of Chemical and Biological Engineering offers programs leading to the Bachelor of Applied Science (B.A.Sc.) degree in Chemical Engineering and to the Bachelor of Applied Science (B.A.Sc.) degree in Chemical and Biological Engineering. Graduate programs leading to the degrees of M.Eng., M.A.Sc., M.Sc., and Ph.D. are offered in important areas of chemical and biochemical engineering, including fluidization, pulp and paper, biotechnology, environmental engineering, clean energy, biomedical engineering, thermodynamics, transport phenomena, electrochemical engineering, polymer processing, catalysis and process control. Details about the Department and its current research programs are available at <http://www.chbe.ubc.ca>, and information on the activities and mandate of the Pulp and Paper Centre are available at <http://www.ppc.ubc.ca>. The University of British Columbia hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply. We especially welcome applications from members of visible minority groups, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to engage productively with diverse communities. Canadians and permanent residents of Canada will be given priority. **About Mercer International Inc.** Mercer International Inc. is a global leader in the production of high quality Northern Bleached Softwood Kraft (NBSK) pulp, renewable bio-energy and other bio-products. The company operates three large and very modern softwood pulp mills, with two in Germany, and one in British Columbia, Canada. The three mills have a combined pulp production capacity of over 1.5 million tonnes per year, and a combined electrical generating capacity of 259 MW. Mercer's David Gandossi, Executive Vice President, Chief Financial Officer and Secretary said; "Our strategy of continuously striving for world class performance, and of implementing new and innovative technologies which improve our social, environmental and economic sustainability, is at the core of why Mercer International is proud to support this research chair in Advanced Engineering for the Forest-Products Based Bio-Economy at UBC."



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Employers seek AIChE members due to their commitment to professional excellence. AIChE Membership gives you the job-seeking advantage. Upload your resume FREE for employers to contact you. Member resumes are placed at the top of the list for employers to view first.

Some of the many positions found on AIChE's targeted chemical industry job board include:

- **Sr. R&D Engineer** – *EdeniQ, Inc.*
- **Development Engineer** – *PPG Industries, Inc.*
- **Process Engineer** – *Core Engineering*
- **Chemical Engineer** – *Hampford Research Inc.*
- **Production Engineer** – *BASF, The Chemical Company*
- **Plant Engineer** – *Rain CII Carbon*
- **Technical Safety Engineer** – *Canadian Natural Resources Limited*
- **Process Engineer III/IV** – *Noven Pharmaceuticals, Miami*
- **Process Engineer** – *Brewer Science*
- **Site (Plant) Manager** – *Sundrop Fuels Inc.*
- **Sr. Loss Control Consultant** – *AIG*
- **Project Management** – *Baxter*
- **Petroleum Engineer (EOR Waterflood)** – *BP*
- **Process Engineer, Formulations** – *DuPont Industrial Biosciences*
- **Sr. Scientist, Chemical Development** – *Vertex Pharmaceuticals*

**TO PLACE A RECRUITMENT AD**

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