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ACADEMIC OPENINGS

MONTANA STATE UNIVERSITY, DEPARTMENT OF CHEMICAL AND BIOLOGICAL ENGINEERING invites applications for a tenure-track faculty position at the Assistant Professor level. **Electronic applications in PDF format preferred; please submit signed letter of application addressing all required and preferred qualifications, current curriculum vitae, statement of teaching (one page) and research interests, and names, addresses, and telephone numbers of three professional references to chbe@coe.montana.edu. Please indicate Applicant-Search #12203-2 in the subject line.** The department's mailing address is Chair, Faculty Search Committee, Department of Chemical and Biological Engineering, Montana State University, 306 Cobleigh Hall, Bozeman, MT 59717-3920. Women and minorities are encouraged to apply. Screening of applications will begin on October 1, 2012 and will be accepted only until November 1, 2012. For complete job announcement and application procedures, go to: <http://www.montana.edu/jobs/faculty/12203-2>. AA/ADA/EEO/Vet Pref Employer.

TENURE-TRACK POSITIONS IN ENERGY

The Chemical Engineering Department of the Swanson School of Engineering is seeking two outstanding individuals for tenure-track positions at the Assistant professor level. A PhD in Chemical Engineering, Materials Engineering or a closely related field is preferred. The University is seeking expertise that will immediately contribute to building interdisciplinary, integrated multi-scale computational and experimental research programs focused on accelerating discovery and development of energy technologies. A broad spectrum of research areas will be considered, including fossil fuels (extraction, conversion, and utilization of coal, oil and natural gas), the development of cost-effective and efficient alternative energy harnessing technology (geothermal, solar, nuclear), and energy storage (batteries, supercapacitors). Other examples of research topics of particular interest to the department include the employment of fossil fuels with less water use (e.g. sustainable routes to gas use, coal use, power generation, and oil production); the next generation of scalable non-fossil transport fuel (e.g. algal biodiesel, microbial butanol or ethanol, biomass FT fuel), the development of new technologies related to energy production, upstream and downstream energy supply chain problems, and the socio-economic impacts of energy growth. The successful candidate for this position will greatly benefit from the resources fostered by the Swanson School of Engineering (which is in the final stages of a \$120 million dollar renovation that includes a newly renovated Chemical and Petroleum Engineering Energy floors), the University of Pittsburgh's Center for Energy (<http://www.energy.pitt.edu>) (which is in a strong growth phase supported by a recent \$22M donation from the R.K. Mellon foundation), the U.S. DOE National Energy Technology Laboratory Regional University Alliance (NETL RUA), and partnerships with other regional academic institutions. Further, our region is home to numerous local industries involved in chemical engineering, nuclear power, and the production

of natural gas from the Marcellus and Utica shales. The candidate is expected to continuously contribute to the diversity and excellence of the academic institution through education and research. The successful candidate will be expected to teach a variety of undergraduate and graduate engineering courses relevant to his or her expertise; develop a strong, externally-funded research program; collaborate with other faculty; and be involved in services to the University and the profession. **Interested applicants should submit a cover letter, a detailed resume, statements describing teaching and research interests and plans, copies of three representative publications, and the names and contact information for at least three references, all in a single PDF file, to che@engr.pitt.edu.** Applications will be considered until the positions are filled. The University of Pittsburgh is an Affirmative Action, Equal Opportunity Employer.

OPEN-RANK FACULTY OPENING

CHEMICAL ENGINEERING, UNIVERSITY OF PITTSBURGH

We seek exceptional candidates at all levels, including an endowed chair position. The successful full or associate professor candidate should have an established international research reputation, while assistant professor candidates should hold a PhD in Chemical Engineering or a related field and show the potential to build outstanding research and teaching programs. The Department has a tradition of excellence in education and research, with areas of expertise in Biological and Biomedical Systems; Energy and Sustainability; and Materials Modeling and Design. The vibrant research culture within the Department includes active collaborations with the adjacent University of Pittsburgh Medical Center, the Center for Simulation and Modeling, the McGowan Institute for Regenerative Medicine, the Mascaro Center for Sustainable Innovation, the Petersen Institute of NanoScience and Engineering, the U.S. DOE National Energy Technology Laboratory, and Pitt's Center for Energy — which recently received a \$22M grant from the Richard King Mellon Foundation. We are seeking faculty who can contribute strategically to departmental priorities. **Submit CV, names of four references, and research and teaching plans as a single PDF file via Email to che@engr.pitt.edu, addressed to: Professor Joseph McCarthy, Search committee chair.** Applications will be accepted through December 31, 2012 or until the position is filled. The University of Pittsburgh is an affirmative action, equal opportunity employer.

THE UNIVERSITY OF AKRON

The College of Engineering invites applicants and nominations for the position of Chair for the Department of Chemical and Biomolecular Engineering. The applicant must hold a doctorate in an appropriate field. The applicant should demonstrate academic credentials that are sufficient for appointment at a full professor level. He/she should have a strong background in scholarship, a successful track record of federal, state, and/or industry funding, a commitment to mentoring junior faculty and serving faculty in general, and a dedication to excellence in teaching. **For complete details and to apply please visit: <http://www.uakron.edu/jobs>. Job ID# 7421. AA/EEO.**



Tenure-track Faculty Positions

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. Visit <http://www.chbe.nus.edu.sg/career/career-faculty.html> for more information on the areas of interest and application details. Applicants should send a full curriculum vitae (including key publications), a detailed research plan, a statement of teaching interest, and names of at least three references to Head of Department.

Professor Jim Yang LEE

c/o Ms. Nancy Chia

Email: nancychia@nus.edu.sg

Shortlisted candidates will be invited to meet the Faculty Search Committee at the 2012 AIChE Annual Meeting in Pittsburgh.

Visit AIChE's CareerEngineer Job Board for Additional Employment Opportunities

<http://careerengineer.aiche.org>
or <http://www.aiche.org>

(Career Resources then Find a Job)

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:

- **Resident Systems Engineer** – 3M Company
- **Research Chemist** – BASF
- **PhD Separations Engineer** – Chevron Phillips Chemicals
- **Research Engineer** – Solvay
- **International Project Manager** – Koppers Inc.
- **Chemical Specialist** – IKEA
- **Associate Process Engineer** – Tesoro Corporation
- **Plant Engineer** – Calera Corporation
- **Process Engineer, Technical Support, Utilities** – Canadian Natural Resources Ltd.

MCMASTER UNIVERSITY DEPARTMENT OF CHEMICAL ENGINEERING CANADA RESEARCH CHAIR – TIER I

The Department of Chemical Engineering is seeking an outstanding individual for a Tier I Canada Research Chair (CRC) in the area of polymerization engineering. This tenured or tenure-track appointment will be at the rank of Full Professor, with an anticipated start date of November 1, 2012. Applicants will hold a doctorate in Chemical Engineering, and be registered, or eligible for registration, as a Professional Engineer in Ontario. Canada Research Chairs are subject to review and approval by the CRC Secretariat. Further details on the CRC Program can be viewed at: <http://www.chairs.gc.ca>. McMaster University is one of the top 100 universities in the world (Shanghai Jiao Tong University ranking of world universities) and is ranked second in Canada in research funding per faculty member. The Faculty of Engineering hosts over 22 institutes, centres and networks, with those based in the Department of Chemical Engineering including the SENTINEL Bioactive Paper Network, the 20/20 NSERC Ophthalmic Material Network, the Centre for Advanced Polymer Processing Analysis and Design, and the McMaster Advanced Control Consortium. The Faculty of Engineering is committed to the pursuit of excellence in teaching, research and service, and to fostering the quality of academic life. The McMaster Faculty of Engineering's strategic plan may be viewed at <http://www.eng.mcmaster.ca/strategicplan/StrategicPlan.pdf>. Applicants must demonstrate an outstanding record of research, reflected in extramural grant acquisition, publication in high quality peer-reviewed journals, and national and international recognition. The preferred candidate will also have established a record of teaching excellence at both the graduate and undergraduate level. The recruited individual will teach both undergraduate and graduate level courses, develop graduate level courses, and support departmental growth in this area. He/she will also be expected to establish a strong externally funded research program, supervise graduate student research, and foster the already existing collaborations with other departments. Preference will be given to applicants with a world-class record in the areas of polymer reaction engineering and living radical polymerization as routes to novel materials, which will link to the strategic directions of the department and Faculty. We anticipate that the successful applicant will also have a strong record of collaboration with industry. **An application package comprising an application letter, resume, statements on research and teaching interests, and the names and addresses of at least three references should be sent to: Chair, CRC Search Committee, Department of Chemical Engineering, JHE Rm. 374, McMaster University, Hamilton, Ontario, Canada, L8S 4L7, email: goodram@mcmaster.ca. The closing date for applications is September 30, 2012.** All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. McMaster is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women,

members of visible minorities, Aboriginal persons, members of sexual minorities, and persons with disabilities.

TENURE-TRACK FACULTY POSITION IN CHEMICAL ENGINEERING

The Department of Chemical Engineering at McMaster University is seeking an outstanding individual for a tenure-track position at the Assistant or Associate Professor level beginning July 1, 2013. The Department has a high reputation in both research and teaching, as one of the top Chemical Engineering in Canada. There are a total of eighteen faculty members mainly in the three focus research areas: polymer science and engineering, biomaterials and bioprocessing engineering, and process control and systems engineering. The Department is undergoing a period of dynamic development with five new colleagues joined in the last three years. Candidates must have a Doctoral degree in Chemical Engineering or in a closely related discipline. Candidates are expected to have research background and expertise that strengthen or complement our existing focus areas with application interests in materials processing, energy, water, food and health related issues. Candidates having a proven record of research excellence in other areas are also encouraged to apply. The successful candidate will also be expected to contribute to teaching in both our graduate and undergraduate programs. Registration or eligibility for registration, as a Professional Engineer in Ontario, is required. **Candidates should send a letter of application, full CV including a list of publications, statement of teaching and research interests, a selection of research publications, and the names of at least three references (with postal and email addresses). Please send the application materials to the attention of Dr. Shipping Zhu, Prof & Dept Chair, Department of Chemical Engineering, McMaster University, JHE 374, Hamilton, Ontario, Canada L8S 4L7, Email: chechair@mcmaster.ca.** All qualified candidates are encouraged to apply; however, Canadians and Permanent Residents will be given priority. McMaster University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal persons, members of sexual minorities, and persons with disabilities. Applications will be accepted until the end of December 2012. For more information about the Department, please consult <http://www.chemeng.mcmaster.ca>.

TO PLACE A RECRUITMENT AD

CONTACT:

Denise DeLuca Mallon,
Global Recruitment
Sales Manager
at 646-279-2149
or denid@aiiche.org